



ANKENY CITY COUNCIL

Regular Meeting

Monday, December 18, 2023

5:30 PM

Ankeny Kirkendall Public Library - City Council Chambers

1250 SW District Drive, Ankeny, Iowa

Mark Holm, Mayor

Bobbi Bentz, Mayor Pro-Tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

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Anyone seeking assistance in communicating with the City should contact Relay Iowa at 1-800-735-2942 (TDY), or 1-800-735-2943 (Voice).

ELECTRONIC MEETING INFORMATION

<https://zoom.us/j/97312992966?pwd=OEFocWZGS0NYUmtnVHNxcWZFak9Pd09>

Meeting ID: 973 1299 2966

Passcode: 1234

Dial in: +1 312 626 6799; Meeting ID: 973 1299 2966; Passcode: 1234

PROCEDURAL ACTIONS:

CALL TO ORDER:	Mark Holm, Mayor
ROLL CALL:	Michelle Yuska, City Clerk
PLEDGE OF ALLEGIANCE:	Mark Holm, Mayor

CEREMONY:

1. Oath of Office:

Bobbi Bentz - Mayor Pro tempore
Todd Shafer - Council Member

A. PUBLIC FORUM: none

B. APPROVAL OF AGENDA:

1. Approval of the December 18, 2023 Agenda

Action# B1-1. Consider motion to approve and accept the December 18, 2023 agenda, with or without amendment.

C. PUBLIC HEARING(S):

1. PH 2023-66 Proposed 2024 PCC Reconstruction Program - NW Ash Drive

Action# C1-1. Consider motion to close Public Hearing 2023-66.

2. PH 2023-67 Proposed 2024-2028 Capital Improvement Program

Action# C2-1. Consider motion to close Public Hearing 2023-67.

D. REPORTS OF ADVISORY BOARDS AND COMMISSION: none

E. APPROVAL OF CONSENT AGENDA:

• **Minutes**

- CA - 1** Approval of official council actions of the regular meeting of December 4, 2023, as published, subject to correction, as recommended by the City Clerk.
- CA - 2** Receive and file minutes of the Plan and Zoning Commission meeting of November 21, 2023.
- CA - 3** Receive and file minutes of the Zoning Board of Adjustment meeting of November 7, 2023.

• **Licenses and Permits**

- CA - 4** Consider motion to approve the issuance of liquor licenses and/or beer/wine permits in the City of Ankeny.

• **Finance/Budget**

- CA - 5** Consider motion to receive and file Financial Reports for November 2023.
- CA - 6** Consider motion to receive and file Building Permit Report for November 2023.
- CA - 7** Consider motion to receive and file Utility Billing Report for November 2023.
- CA - 8** Consider motion to approve Change Order #1 increasing the contract amount by \$11,484.00 to Absolute Concrete Construction, for construction services on the Oralabor Gateway Trail - SW State Street Underpass and SW Oralabor Road and SW State Street Intersection Improvements project.

- CA - 9** Consider motion to approve Change Order #4 increasing the contract amount by \$137.90 to Elder Corporation, for construction services on the NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek project.
- CA - 10** Consider motion to approve Amendment No. 5 to the Professional Services Agreement increasing the contract amount by \$59,500.00 with Foth Infrastructure and Environment, LLC for additional construction engineering services on the West First Street Widening and Improvements - Phase 1 project.
- CA - 11** Consider motion to approve Amendment No. 1 to the Professional Services Agreement increasing the contract amount by \$528,787.00 with HDR Engineering, Inc. (HDR), for construction services on the NW Elevated Water Storage Tank Project.
- CA - 12** Consider motion to approve Payment #5 in the amount of \$345,787.70 to Absolute Concrete Construction, Inc. for construction services on the Oralabor Gateway Trail - SW State Street Underpass and SW Oralabor Road and SW State Street Intersection Improvements project.
- CA - 13** Consider motion to approve Payment #1 in the amount of \$53,934.59 to Alpha Landscapes, for construction services on the NW 36th Street Widening - NW Ash Dr to N Ankeny Blvd: Landscape Improvements project.
- CA - 14** Consider motion to approve Payment #4 in the amount of \$7,875.00 to Bolton & Menk, Inc., for engineering services on the SE Corporate Woods Drive & Crosswinds Drive Traffic Signalization project.
- CA - 15** Consider motion to approve Payment #7 in the amount of \$1,151.00 to Civil Design Advantage, for engineering services on the Otter Creek Trunk Sewer Extension - Phase 4 project.
- CA - 16** Consider motion to approve Payment #8 in the amount of \$45,495.56 to Civil Design Advantage for engineering services on the NW 36th Street and NW Weigel Drive HMA Resurfacing project.
- CA - 17** Consider motion to approve Payment #4 in the amount of \$27,950.00 to DIXON Engineering, Inc., for engineering services on the Delaware Ground Storage Reservoir Rehabilitation project.
- CA - 18** Consider motion to approve Payment #8 in the amount of \$903,093.19 to Elder Corporation, for construction services on the NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek project.
- CA - 19** Consider motion to approve Payment #7 in the amount of \$167,132.87 to Granite Excavating for construction services on the S. Ankeny Blvd Transmission Blvd project.
- CA - 20** Consider motion to approve Payment #9 in the amount of \$459.75 to HR Green, Inc., for engineering services on the NW Irvinedale Drive & NW 18th Street Intersection Improvements project.
- CA - 21** Consider motion to approve Payment #13 in the amount of \$27,985.75 to HR Green, Inc., for construction engineering services on the Oralabor Gateway Trail-SW State Street Underpass and SW Oralabor Road and SW State Street Safety Improvements project.
- CA - 22** Consider motion to approve Payment #5 in the amount of \$45,885.00 to J&K Contracting, for construction services on the North Four Mile Creek Trunk Sewer project.
- CA - 23** Consider motion to approve Payment #8 in the amount of \$10,635.50 to JEO Consulting Group, Inc., for engineering services on the Transportation Master Plan.

- CA - 24** Consider motion to approve Payment #13 in the amount of \$9,627.34 to Kirkham Michael and Associates, for engineering services on the Westwinds Storm Sewer Extension Project - SW Westwinds Drive.
- CA - 25** Consider motion to approve Payment #7 in the amount of \$13,585.00 to On Track Construction, LLC for construction services on the NW Northlawn Area Utility Improvements - Phase 2.
- CA - 26** Consider motion to approve Payment #6 in the amount of \$8,768.28 to Romtech Companies, for construction services on the restroom facility at Midway Park.
- CA - 27** Consider motion to approve Payment #35 in the amount of \$7,687.00 to Shive Hattery for construction administration services associated with the Ankeny Senior Community Center project.
- CA - 28** Consider motion to approve Payment #12 in the amount of \$32,972.60 to Synergy Contracting, LLC, for construction services on the HTT Water Transmission Main & Drainage Improvements project.
- CA - 29** Consider motion to approve Payment #8 in the amount of \$47,803.20 to SVPA Architects Inc. for design services associated with the Ankeny Fire Station No. 4 project.
- CA - 30** Consider motion to approve the December 18, 2023 Accounts Payable.
- CA - 31** Consider motion to adopt **RESOLUTION** naming depositories for the City of Ankeny.

- **Personnel Items - none**

- **Community Development Items**

- CA - 32** Consider motion to adopt **RESOLUTION** accepting final plat and platted easements for Heritage Commercial at Prairie Trail Plat 1.
- CA - 33** Consider motion to adopt **RESOLUTION** to allow Lot 9, Parkway North at Prairie Trail Plat 2, driveway access onto SW Des Moines Street, by removing note 12 from the Parkway North at Prairie Trail Plat 2 final plat.

- **Engineering Items**

- CA - 34** Consider motion to receive and file the 2023 Pavement Management Study and Master Plan as completed by Snyder & Associates, Inc.
- CA - 35** Consider motion to approve the **RESOLUTION** authorizing the City of Ankeny to submit an application for Federal Surface Transportation Block Grant Set-Aside Program Funding to the Des Moines Area Metropolitan Planning Organization (MPO) for the partial funding of the Oralabor Gateway Trail Grade Separation of South Ankeny Boulevard and further approving the application which obligates the City of Ankeny to matching funds for the construction of said project.
- CA - 36** Consider motion to adopt **RESOLUTION** authorizing the execution of an Urban-State Traffic Engineering Program (U-STEP) funding agreement between the Iowa Department of Transportation (DOT) and the City of Ankeny, Iowa, for the sharing of construction costs for the proposed SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.
- CA - 37** Consider motion to adopt **RESOLUTION** authorizing the execution of a Cooperative Agreement for Primary Road Project funding between the Iowa Department of Transportation (DOT) and the City of Ankeny, Iowa, for the sharing of construction costs for the proposed SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

- CA - 38** Consider motion to adopt a **RESOLUTION** authorizing the City of Ankeny to submit an application for Federal Surface Transportation Block Grant (STBG) Program funding to the Des Moines Area Metropolitan Planning Organization (MPO) for the partial funding of the NE 18th Street Bridge Over Interstate 35 project and further approving the application which obligates the City of Ankeny to matching funds for the construction of said project.
- CA - 39** Consider motion to adopt **RESOLUTION** accepting public improvements for utilities in Copeland Commercial.
- CA - 40** Consider motion to adopt **RESOLUTION** accepting public improvements for utilities, paving, and subgrade prep for Kum & Go (965 SE Corporate Woods Drive).

- **Capital Improvement Projects**

- CA - 41** **2023 PCC Reconstruction Program - SE 8th Street**: Consider motion to approve: a) Final Change Order #1 decreasing the contract amount by \$9,572.50; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvements with All Star Concrete, LLC in the amount of \$632,528.50; and d) Final Payment #5 in the amount of \$660.12 / Release of Retainage in the amount of \$31,626.43.
- CA - 42** **2023 City-Wide Surface Restoration**: Consider motion to approve: a) Final Change Order #1 increasing the contract amount in the amount of \$8,000.00; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvement with Absolute Group in the amount of \$105,767.00; and d) Final Payment #1 in the amount of \$100,478.65 / Release of Retainage in the amount of \$5,288.35.
- CA - 43** **West First Street Widening and Improvements - Phase 1**: Consider motion to approve: a) Final Change Order #6 decreasing the contract amount by \$85,291.66; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvements with Reilly Construction Co., Inc. in the amount of \$5,136,290.09; and d) Final Payment #20 in the amount of \$39,446.79 and Release of Retainage in the amount of \$30,000.00.
- CA - 44** Consider motion to adopt **RESOLUTION** ordering construction on the 2024 PCC Reconstruction Program - NW Westwood Street project and fixing a date for hearing thereon and taking of bids therefor. (date of bid opening: 01/09/24 @ 10:30 A.M. / date of hrg: 01/16/24 @ 5:30 P.M.)

- **Administrative Items**

- CA - 45** Consider motion to set public hearing on an Amendment of Current City Budget for Fiscal Year July 1, 2023 - June 30, 2024 and direct City Clerk to publish notice of such hearing (date of hrg: 01/02/24 @ 5:30 p.m.).
- CA - 46** Consider motion authorizing the Ankeny Police Department to enter into an agreement with agencies throughout the Des Moines / Polk County metropolitan area to establish common understandings of responsibility and define the purpose, policy, and procedures for Polk County Iowa Metropolitan OWI Blood Draw Policy.
- CA - 47** Consider motion to approve the fuel supply services contract with Key Cooperative of Roland, Iowa, and authorize the Mayor to sign Letter of Agreement.
- CA - 48** Consider a motion to adopt **RESOLUTION** authorizing the approval and acceptance of a warranty deed from TJL Investments, LLC and DNF, LLC for land associated with the development of Fire Station No. 4.

- **Approval of Consent Agenda Items**

1. Consent Agenda Items CA-1 through CA-48

Action# E1-1. Consider motion to approve the recommendations for Consent Agenda Items CA-1 through CA-48.

F. SUPPLEMENTAL AND REMOVED CONSENT AGENDA ITEMS: none

G. RECESS - Mark Holm, Mayor

H. LEGISLATIVE BUSINESS:

- **Boards/Commissions Appointments:**

1. Consider Mayoral Appointments to Boards and Commissions

Action# H1-1. Consider motion approving Mayoral appointments to Board and Commission Members as presented.

I. OLD BUSINESS: none

J. NEW BUSINESS:

1. Proposed 2024 PCC Reconstruction Program - NW Ash Drive (PH 2023-66)

Action# J1-1. Consider motion to adopt 1) RESOLUTION adopting plans, specifications, form of contract and estimate of cost \$820,005.25; 2) receive and file report of bids received December 12, 2023; 3) adopt RESOLUTION making award of construction contract with Concrete Technologies, Inc. in the amount of \$677,902.66; and 4) adopt RESOLUTION approving contract and bonds with Concrete Technologies, Inc. in the amount of \$677,902.66.

2. Proposed 2024-2028 Capital Improvement Program (PH 2023-67)

Action# J2-1. Consider motion to adopt RESOLUTION approving the 2024-2028 Capital Improvement Program.

K. ADMINISTRATIVE BUSINESS:

- **Report of the City Staff:**

City Manager
City Attorney

- **Report of the Governing Body:**

Mayor

City Council Members:
Council Member Bentz
Council Member Perry
Council Member Ruddy
Council Member Shafer
Council Member Stearns

- **Future Council Agenda Items:**

- *Public Hearing - Amendment to Current City Budget - FY 7/1/23 - 6/30/24 - 1/2/24 @ 5:30 p.m.*
- *Public Hearing - 2024 PCC Reconstruction Program - NW Westwood St - 1/16/24 @ 5:30 p.m.*
- *Council Action Planning Session - Department Budget Presentations - 1/19/24 @ 8:30 a.m.*
- *Regular City Council Meeting - 2/5/24 @ 5:30 p.m.*

L. ADJOURNMENT

1. Adjournment



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

<https://zoom.us/j/97312992966?pwd=OEFOcWZGS0NYUmtnVHNxcWZFak9Pd09>

Meeting ID: 973 1299 2966
Passcode: 1234

Dial in: +1 312 626 6799; Meeting ID: 973 1299 2966; Passcode: 1234

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:
Click to download
No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

CALL TO ORDER:	Mark Holm, Mayor
ROLL CALL:	Michelle Yuska, City Clerk
PLEDGE OF ALLEGIANCE:	Mark Holm, Mayor

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
No Attachments Available



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City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

Oath of Office:

Bobbi Bentz - Mayor Pro tempore

Todd Shafer - Council Member

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

Approval of the December 18, 2023 Agenda

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

Action: Consider motion to approve and accept the December 18, 2023 agenda, with or without amendment.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Public Hearing

LEGAL:

Item Reviewed by Legal Counsel

SUBJECT:

PH 2023-66: Proposed 2024 PCC Reconstruction Program - NW Ash Drive

EXECUTIVE SUMMARY:

The 2024 PCC Reconstruction Program – NW Ash Drive project includes pavement reconstruction, widening for a left turn lane, and minor utility improvements along NW Ash Drive from just south of the Prairie Ridge Sports Complex parking lot to just south of NW 18th Street in the City of Ankeny.

The construction improvements include the slip-form paving of approximately 4,500 SY of 8” thick PCC Class C-SUD street pavement and 110 SY of 7” thick PCC Class C driveways. Other associated improvements include Class 10 excavation, subgrade preparation, modified subbase placement, subdrain installation, removal and replacement of storm sewer structures, minor and major adjustments to existing storm sewer structures, pavement markings, temporary surface restoration, permanent surface restoration, temporary traffic control, mobilization, and miscellaneous associated work necessary to complete the project.

The bid opening for this project was held on Tuesday, December 12, 2023. Ten (10) bids were received as follows:

1. Concrete Technologies, Inc. \$ 677,902.66
2. Absolute Concrete Construction, Inc. dba Absolute Group \$ 679,916.15
3. Alliance Construction Group, LLC. \$ 699,151.38
4. Sternquist Construction, Inc. \$ 702,778.72
5. Con-Struct, Inc. \$ 724,725.00
6. All Star Concrete, LCC \$ 730,220.40
7. Manatt's, Inc. \$ 755,612.68
8. Reilly Construction Co., Inc. \$ 784,358.00
9. Shekar Engineering, PLC \$ 876,269.53
10. Brothers Cleaning Corporation BDA Brothers Concrete \$ 929,571.40

The Engineer's Estimate for the project was \$ 820,005.25. The bids ranged from approximately 17% below to 13% above the estimate. Concrete Technologies, Inc. has completed similar projects for the City of Ankeny in the past and they have the technical experience to complete this project. The Public Works Department recommends awarding the 2024 PCC Reconstruction Program – NW Ash Drive project to Concrete Technologies, Inc. of Grimes, Iowa.

Pending project approval and award by the City Council, the contractor will be required to start the project no earlier than May 28, 2024 and no later than June 3, 2024.

The Contractor shall substantially complete the overall project in 50 working days. Substantial completion for the overall project shall be defined as all utility, grading, and pavement construction completed, with the new streets, driveways, and sidewalks fully open to traffic. The Contractor shall fully complete the overall project in 10 working days immediately following substantial completion of the overall project and distribution of the punch list by the Engineer. Full completion for the overall project shall be defined as all work including permanent surface restoration and punch list items completed, and all improvements ready for final acceptance.

FISCAL IMPACT: No

This project is included in the current Capital Improvement Program with construction scheduled for 2024.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following action:

1. Hold a hearing on the proposed Contract Documents (plans, specifications, and form of contract), and estimate of cost (\$820,005.25).

2. Approve Resolution, adopting said plans, specifications, form of contract, and estimated cost for the 2024 PCC Reconstruction Program - NW Ash Drive project.

3. Receive and file the report of bids received on December 12, 2023.

4. Approve Resolution, making award of construction contract to Concrete Technologies, Inc. of Grimes, Iowa.

5. Approve Resolution, approving contract and bonds with Concrete Technologies, Inc. in the amount of \$ 677,902.66.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

November 20, 2023: The City Council approved a Resolution ordering construction and setting the bid opening date as December 12, 2023, and setting the public hearing date as December 18, 2023.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

Action: Consider motion to close Public Hearing 2023-66.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 PH Coversheet
 RES - plans, specs
 Bid Sheet
 Bid Tabulation
 RES - making award
 RES - approving contract
 Location Map



PUBLIC HEARING 2023-66

5:30 P.M.

DECEMBER 18, 2023

PROPOSED 2024 PCC RECONSTRUCTION PROGRAM – NW ASH DRIVE

Mayor:

This is the time and place for a public hearing on the matter of the adoption of plans, specifications, form of contract and estimate of cost for construction of certain public improvements described in general as construction of the 2024 PCC Reconstruction Program – NW Ash Drive project. Notice of this hearing was published in the Des Moines Register on the 1st day of December, 2023.

Mayor:

“HAS ANY WRITTEN CORRESPONDENCE BEEN RECEIVED FOR THIS HEARING?”

City Clerk:

None in the Clerk’s Office.

Mayor:

“I would like to request, at this time, Mark Mueller, Public Works Director, provide a report to the Council on said project.”

After Report:

“Because this is a Public Hearing those wishing to be heard for or against the proposed project, please either approach the podium, or if you are attending electronically, raise your electronic hand, or press star 9 (*9). When you are called upon, give your name and address for the record.”

After any comments from the audience, Mayor states: “We need to take the following action”:

- ❑ Consider **MOTION** to close Public Hearing 2023-66.

Mayor announces that further consideration and action on this item will take place under “New Business”, Agenda Item “J” later in the meeting.

Council Member _____ introduced the following Resolution entitled "RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved that the same be adopted. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE

WHEREAS, on the 20th day of November, 2023, plans, specifications, form of contract and estimate of cost were filed with the Clerk for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive; and

WHEREAS, notice of hearing on plans, specifications, form of contract and estimate of cost for the public improvements was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the plans, specifications, form of contract and estimate of cost are hereby approved as the plans, specifications, form of contract and estimate of cost for the public improvements, as described in the preamble of this Resolution.

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk

BID LETTING

10:30 A.M.

DECEMBER 12, 2023

2024 PCC RECONSTRUCTION PROGRAM – NW ASH DRIVE

The purpose of this meeting is to receive, open and tabulate bids for construction of the 2024 PCC Reconstruction Program – NW Ash Drive project in accordance with the Plans and Specifications prepared by City of Ankeny Public Works.

Mark Mueller, Public Works Director

Project Estimate of Cost \$ 820,005²⁵

Bid Bond (10%)	Bidder/Address	Bid Amount	Addenda (one) Acknowledged
1) ✓	Manatt's Inc 6333 NW Beaver Rd Johnston, IA 50131	755,612 ⁶⁸	✓
2) ✓	Shekar Engineering 2600 MLK Jr Pkwy Ste 200 Des Moines, IA 50310	876,269 ⁵³	✓
3) ✓	Con. Struct Inc 305 South Dayton Ave Ames, IA 50010	724,725 ⁰⁰	✓
4) ✓	Absolute Group PO Box 430 Granger, IA 50109	679,916 ¹⁵	✓
5) ✓	Allstar Concrete LLC 4989 NW Johnston Dr Johnston, IA 50131	730,220 ⁴⁰	✓
6) ✓	Reilly Construction Co Inc 110 Main Street Ossau, IA 52161	784,358 ⁴⁰	✓

*Apparent Low Bidder

Bid Bond (10%)	Bidder/Address	Bid Amount	Addenda (one) Acknowledged
7) ✓	Alliance Construction Group 9400 Plum Dr Ste 100 Urbandale IA 50322	699,151 ³⁸	✓
8) ✓	Sternquist Construction 1110 N 14 th St Indianola IA 50125	702,778 ⁷²	✓
9) ✓	Brothers Concrete 4000 Colfax Ave Des Moines IA	928,671 ⁴⁰	✓
* 10) ✓	Concrete Technologies Inc 1001 SE 37 th St Grimes IA 50111	677,902 ⁶⁶	✓
11) _____	_____	_____	_____
12) _____	_____	_____	_____
13) _____	_____	_____	_____

*Apparent Low Bidder

Bids will be reviewed and further action taken by the City Council at their next regular meeting of December 18, 2023 at 5:30 P.M.

ATTEST:

Michelle Yuska
Michelle Yuska, City Clerk

Mark Mueller 12/12/23
Mark Mueller, Public Works Director

7.01	7010-A	Pavement, PCC, 8" Thick, Class C-SUD	SY	4,484	\$ 67.50	\$ 302,670.00	4,484	\$ 70.00	\$ 313,880.00	4,484	\$ 72.00	\$ 322,848.00	4,484	\$ 85.50	\$ 383,382.00	4,484	\$ 70.00	\$ 313,880.00
7.02	7010-I	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 4,000.00	\$ 4,000.00	1	\$ 2,500.00	\$ 2,500.00	1	\$ 7,549.00	\$ 7,549.00	1	\$ 3,500.00	\$ 3,500.00
7.03	7030-A-3	Removal of Driveway	SY	98	\$ 12.50	\$ 1,225.00	98	\$ 20.00	\$ 1,960.00	98	\$ 14.00	\$ 1,372.00	98	\$ 14.50	\$ 1,421.00	98	\$ 40.00	\$ 3,920.00
7.04	7030-H-1	Driveway, Paved, PCC Class C, Type B Commercial, 7" Thick	SY	98	\$ 70.00	\$ 6,860.00	98	\$ 80.00	\$ 7,840.00	98	\$ 80.00	\$ 7,840.00	98	\$ 77.50	\$ 7,595.00	98	\$ 90.00	\$ 8,820.00
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	526	\$ 17.50	\$ 9,205.00	526	\$ 2.00	\$ 1,052.00	526	\$ 6.15	\$ 3,234.90	526	\$ 6.50	\$ 3,419.00	526	\$ 20.00	\$ 10,520.00
7.06	7040-H	Pavement Removal, PCC	SY	4,227	\$ 12.50	\$ 52,837.50	4,227	\$ 10.00	\$ 42,270.00	4,227	\$ 10.00	\$ 42,270.00	4,227	\$ 10.50	\$ 44,383.50	4,227	\$ 11.00	\$ 46,497.00
0.00	DIVISION 8	TRAFFIC CONTROL																
8.01	8020-C	Painted Pavement Markings, Durable	STA	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 160.00	\$ 4,587.20	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 155.00	\$ 4,443.85	28.67	\$ 175.00	\$ 5,017.25
8.02	8020-G	Painted Symbols and Legends, LTAW	EA	1	\$ 150.00	\$ 150.00	1	\$ 500.00	\$ 500.00	1	\$ 175.00	\$ 175.00	1	\$ 181.00	\$ 181.00	1	\$ 575.00	\$ 575.00
8.03	8020-M	Grooves Cut for Pavement Markings	STA	26.96	\$ 100.00	\$ 2,696.00	26.96	\$ 120.00	\$ 3,235.20	26.96	\$ 125.00	\$ 3,370.00	26.96	\$ 129.25	\$ 3,484.58	26.96	\$ 130.00	\$ 3,504.80
8.04	8020-N	Grooves Cut for Symbols and Legends	EA	1	\$ 150.00	\$ 150.00	1	\$ 200.00	\$ 200.00	1	\$ 125.00	\$ 125.00	1	\$ 129.25	\$ 129.25	1	\$ 200.00	\$ 200.00
8.05	8030-A	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 17,000.00	\$ 17,000.00	1	\$ 20,000.00	\$ 20,000.00	1	\$ 20,675.00	\$ 20,675.00	1	\$ 17,000.00	\$ 17,000.00
8.06	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	10	\$ 125.00	\$ 1,250.00	10	\$ 300.00	\$ 3,000.00	10	\$ 125.00	\$ 1,250.00	10	\$ 129.25	\$ 1,292.50	10	\$ 275.00	\$ 2,750.00
8.07	8040-I	Remove and Reinstall Traffic Signs, No Parking	EA	3	\$ 400.00	\$ 1,200.00	3	\$ 550.00	\$ 1,650.00	3	\$ 75.00	\$ 225.00	3	\$ 77.50	\$ 232.50	3	\$ 575.00	\$ 1,725.00
0.00	DIVISION 9	SITE WORK AND LANDSCAPING																
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 5,800.00	\$ 2,900.00	0.5	\$ 2,000.00	\$ 1,000.00	0.5	\$ 2,600.00	\$ 1,300.00	0.5	\$ 3,000.00	\$ 1,500.00
9.02	9010-A	Conventional Seeding and Fertilizing, Type 4	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 350.00	\$ 175.00	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,550.00	\$ 775.00	0.5	\$ 1,750.00	\$ 875.00
9.03	9010-999-A	Spot Herbicide Application	AC	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,300.00	\$ 650.00	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,450.00	\$ 725.00	0.5	\$ 1,600.00	\$ 800.00
9.04	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,500.00	\$ 3,500.00	1	\$ 4,000.00	\$ 4,000.00	1	\$ 3,620.00	\$ 3,620.00	1	\$ 4,000.00	\$ 4,000.00
9.05	9040-T-1	Inlet Protection Device, Surface-applied	EA	10	\$ 500.00	\$ 5,000.00	10	\$ 500.00	\$ 5,000.00	10	\$ 200.00	\$ 2,000.00	10	\$ 51.75	\$ 517.50	10	\$ 60.00	\$ 600.00
9.06	9040-T-1	Inlet Protection Device, Drop-in	EA	10	\$ 200.00	\$ 2,000.00	10	\$ 300.00	\$ 3,000.00	10	\$ 200.00	\$ 2,000.00	10	\$ 181.00	\$ 1,810.00	10	\$ 200.00	\$ 2,000.00
9.07	9040-T-2	Inlet Protection Device, Maintenance	EA	10	\$ 50.00	\$ 500.00	10	\$ 50.00	\$ 500.00	10	\$ 25.00	\$ 250.00	10	\$ 36.25	\$ 362.50	10	\$ 50.00	\$ 500.00
0.00	DIVISION 11	MISCELLANEOUS																
11.01	11,020-A	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 30,000.00	\$ 30,000.00	1	\$ 94,200.00	\$ 94,200.00	1	\$ 43,500.00	\$ 43,500.00	1	\$ 32,500.70	\$ 32,500.70
11.02	11,050-A	Concrete Washout	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 2,828.60	\$ 2,828.60	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00	\$ 2,500.00
TOTAL AMOUNT BID =					\$ 820,005.25			\$ 724,725.00			\$ 730,220.40			\$ 755,612.68			\$ 784,358.00	

Bid Tabulation																		
2024 PCC Reconstruction Program - NW Ash Drive																		
From South of the PRSC Soccer/Softball Parking Lot to South of NW 18th Street																		
December 12, 2023																		
				Engineer's Estimate			Shekar Engineering, PLC			Brothers Cleaning Corporation								
Item No.	SUDAS No.	Item	Unit	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price
0.00	DIVISION 2	EARTHWORK																
2.01	2010-E	Excavation, Class 10	CY	877	\$ 30.00	\$ 26,310.00	877	\$ 24.58	\$ 21,556.66	877	\$ 12.50	\$ 10,962.50	877		\$ -	877		\$ -
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	5,261	\$ 3.25	\$ 17,098.25	5,261	\$ 1.82	\$ 9,575.02	5,261	\$ 5.50	\$ 28,935.50	5,261		\$ -	5,261		\$ -
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	1,316	\$ 8.00	\$ 10,528.00	1,316	\$ 8.45	\$ 11,120.20	1,316	\$ 6.50	\$ 8,554.00	1,316		\$ -	1,316		\$ -
2.04	2010-J	Subbase, Modified, Virgin Aggregate, 6" Depth	SY	5,261	\$ 15.00	\$ 78,915.00	5,261	\$ 13.10	\$ 68,919.10	5,261	\$ 6.50	\$ 34,196.50	5,261		\$ -	5,261		\$ -
2.05	2010-M	Compaction Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,024.00	\$ 3,024.00	1	\$ 1,850.00	\$ 1,850.00	1		\$ -	1		\$ -
0.00	DIVISION 4	SEWERS AND DRAINS																
4.01	4020-A-1	Storm Sewer, Trenched, Class III RCP, 15"	LF	36	\$ 150.00	\$ 5,400.00	36	\$ 137.75	\$ 4,959.00	36	\$ 105.00	\$ 3,780.00	36		\$ -	36		\$ -
4.02	4020-A-1	Storm Sewer, Trenched, Class III RCP, 18"	LF	12	\$ 160.00	\$ 1,920.00	12	\$ 150.37	\$ 1,804.44	12	\$ 125.00	\$ 1,500.00	12		\$ -	12		\$ -
4.03	4020-A-1	Storm Sewer, Trenched, Class III RCP, 24"	LF	12	\$ 180.00	\$ 2,160.00	12	\$ 168.35	\$ 2,020.20	12	\$ 155.00	\$ 1,860.00	12		\$ -	12		\$ -
4.04	4020-D	Removal of Storm Sewer, 36" or less	LF	60	\$ 30.00	\$ 1,800.00	60	\$ 22.67	\$ 1,360.20	60	\$ 21.00	\$ 1,260.00	60		\$ -	60		\$ -
4.05	4040-A	Subdrain, Corrugated PVC, Type 2, 8" Diameter	LF	2,257	\$ 40.00	\$ 90,280.00	2,257	\$ 43.97	\$ 99,240.29	2,257	\$ 26.50	\$ 59,810.50	2,257		\$ -	2,257		\$ -
4.06	4040-C-1	Subdrain Cleanout, Type B, 24" Diameter	EA	3	\$ 2,500.00	\$ 7,500.00	3	\$ 2,887.10	\$ 8,661.30	3	\$ 850.00	\$ 2,550.00	3		\$ -	3		\$ -
4.07	4040-D-1	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	16	\$ 650.00	\$ 10,400.00	16	\$ 516.97	\$ 8,271.52	16	\$ 1,850.00	\$ 29,600.00	16		\$ -	16		\$ -
4.08	4040-999-A	Removal of Subdrain, Any Type, Any Size	EA	1,165	\$ 10.00	\$ 11,650.00	1,165	\$ 14.80	\$ 17,242.00	1,165	\$ 18.50	\$ 21,552.50	1,165		\$ -	1,165		\$ -
0.00	DIVISION 6	STRUCTURES FOR SANITARY AND STORM SEWERS																
6.01	6010-B	Intake, Type SW-501, 3'-0" x 2'-0", Modified (Cast-In-Place)	EA	1	\$ 10,000.00	\$ 10,000.00	1	\$ 6,352.42	\$ 6,352.42	1	\$ 5,250.00	\$ 5,250.00	1		\$ -	1		\$ -
6.02	6010-B	Intake, Type SW-503, 3'-0" x 6'-0", Modified (Cast-In-Place)	EA	1	\$ 12,500.00	\$ 12,500.00	1	\$ 10,997.53	\$ 10,997.53	1	\$ 8,500.00	\$ 8,500.00	1		\$ -	1		\$ -
6.03	6010-B	Intake, Type SW-505, 6'-8" x 2'-0", Modified (Cast-In-Place)	EA	3	\$ 15,000.00	\$ 45,000.00	3	\$ 11,041.63	\$ 33,124.89	3	\$ 6,500.00	\$ 19,500.00	3		\$ -	3		\$ -
6.04	6010-E-1	Manhole Adjustment, Minor, Storm, Two Piece Casting	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 1,548.79	\$ 1,548.79	1	\$ 2,650.00	\$ 2,650.00	1		\$ -	1		\$ -
6.05	6010-E-2	Intake Adjustment, Minor, Double Grate	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,588.29	\$ 2,588.29	1	\$ 2,500.00	\$ 2,500.00	1		\$ -	1		\$ -
6.06	6010-H-2	Remove Intake	EA	5	\$ 1,000.00	\$ 5,000.00	5	\$ 679.90	\$ 3,399.50	5	\$ 1,450.00	\$ 7,250.00	5		\$ -	5		\$ -
0.00	DIVISION 7	STREETS AND RELATED WORK																
7.01	7010-A	Pavement, PCC, 8" Thick, Class C-SUD	SY	4,484	\$ 67.50	\$ 302,670.00	4,484	\$ 78.97	\$ 354,101.48	4,484	\$ 98.10	\$ 439,880.40	4,484		\$ -	4,484		\$ -
7.02	7010-I	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 8,071.20	\$ 8,071.20	1	\$ 2,950.00	\$ 2,950.00	1		\$ -	1		\$ -
7.03	7030-A-3	Removal of Driveway	SY	98	\$ 12.50	\$ 1,225.00	98	\$ 9.71	\$ 951.58	98	\$ 25.00	\$ 2,450.00	98		\$ -	98		\$ -
7.04	7030-H-1	Driveway, Paved, PCC Class C, Type B Commercial, 7" Thick	SY	98	\$ 70.00	\$ 6,860.00	98	\$ 114.52	\$ 11,222.96	98	\$ 105.00	\$ 10,290.00	98		\$ -	98		\$ -
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	526	\$ 17.50	\$ 9,205.00	526	\$ 18.28	\$ 9,615.28	526	\$ 15.00	\$ 7,890.00	526		\$ -	526		\$ -
7.06	7040-H	Pavement Removal, PCC	SY	4,227	\$ 12.50	\$ 52,837.50	4,227	\$ 9.71	\$ 41,044.17	4,227	\$ 15.00	\$ 63,405.00	4,227		\$ -	4,227		\$ -
0.00	DIVISION 8	TRAFFIC CONTROL																
8.01	8020-C	Painted Pavement Markings, Durable	STA	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 180.00	\$ 5,160.60	28.67	\$ 750.00	\$ 21,502.50	28.67		\$ -	28.67		\$ -
8.02	8020-G	Painted Symbols and Legends, LTAW	EA	1	\$ 150.00	\$ 150.00	1	\$ 600.00	\$ 600.00	1	\$ 1,250.00	\$ 1,250.00	1		\$ -	1		\$ -
8.03	8020-M	Grooves Cut for Pavement Markings	STA	26.96	\$ 100.00	\$ 2,696.00	26.96	\$ 138.00	\$ 3,720.48	26.96	\$ 750.00	\$ 20,220.00	26.96		\$ -	26.96		\$ -
8.04	8020-N	Grooves Cut for Symbols and Legends	EA	1	\$ 150.00	\$ 150.00	1	\$ 210.00	\$ 210.00	1	\$ 1,250.00	\$ 1,250.00	1		\$ -	1		\$ -
8.05	8030-A	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 17,880.00	\$ 17,880.00	1	\$ 8,752.00	\$ 8,752.00	1		\$ -	1		\$ -
8.06	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	10	\$ 125.00	\$ 1,250.00	10	\$ 300.00	\$ 3,000.00	10	\$ 350.00	\$ 3,500.00	10		\$ -	10		\$ -
8.07	8040-I	Remove and Reinstall Traffic Signs, No Parking	EA	3	\$ 400.00	\$ 1,200.00	3	\$ 600.00	\$ 1,800.00	3	\$ 1,250.00	\$ 3,750.00	3		\$ -	3		\$ -
0.00	DIVISION 9	SITE WORK AND LANDSCAPING																
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 3,000.00	\$ 1,500.00	0.5	\$ 7,500.00	\$ 3,750.00	0.5		\$ -	0.5		\$ -
9.02	9010-A	Conventional Seeding and Fertilizing, Type 4	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 1,800.00	\$ 900.00	0.5	\$ 7,500.00	\$ 3,750.00	0.5		\$ -	0.5		\$ -
9.03	9010-999-A	Spot Herbicide Application	AC	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,680.00	\$ 840.00	0.5	\$ 5,000.00	\$ 2,500.00	0.5		\$ -	0.5		\$ -
9.04	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	1	\$ 5,000.00	\$ 5,000.00	1	\$ 4,200.00	\$ 4,200.00	1	\$ 6,250.00	\$ 6,250.00	1		\$ -	1		\$ -
9.05	9040-T-1	Inlet Protection Device, Surface-applied	EA	10	\$ 500.00	\$ 5,000.00	10	\$ 60.00	\$ 600.00	10	\$ 215.00	\$ 2,150.00	10		\$ -	10		\$ -
9.06	9040-T-1	Inlet Protection Device, Drop-in	EA	10	\$ 200.00	\$ 2,000.00	10	\$ 210.00	\$ 2,100.00	10	\$ 215.00	\$ 2,150.00	10		\$ -	10		\$ -
9.07	9040-T-2	Inlet Protection Device, Maintenance	EA	10	\$ 50.00	\$ 500.00	10	\$ 42.00	\$ 420.00	10	\$ 135.00	\$ 1,350.00	10		\$ -	10		\$ -
0.00	DIVISION 11	MISCELLANEOUS																
11.01	11,020-A	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 88,822.43	\$ 88,822.43	1	\$ 65,000.00	\$ 65,000.00	1		\$ -	1		\$ -
11.02	11,050-A	Concrete Washout	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 3,744.00	\$ 3,744.00	1	\$ 3,520.00	\$ 3,520.00	1		\$ -	1		\$ -
TOTAL AMOUNT BID =						\$ 820,005.25			\$ 876,269.53			\$ 929,571.40			\$ -			\$ -

Council Member _____ introduced the following Resolution entitled "RESOLUTION MAKING AWARD OF CONSTRUCTION CONTRACT FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved:

☒ that the Resolution be adopted.

☐ ADJOURN to permit the Engineer to review and make recommendation on said bids, therefore defer action on the Resolution to the meeting to be held at _____ .M. on _____, 2023, at this place.

Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION MAKING AWARD OF CONSTRUCTION
CONTRACT FOR THE 2024 PCC RECONSTRUCTION
PROGRAM - NW ASH DRIVE

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the following bid for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive, described in the plans and specifications heretofore adopted by this Council on December 18, 2023, be and is hereby accepted, the same being the lowest responsive, responsible bid received for such work, as follows:

Contractor: Concrete Technologies, Inc. of Grimes, Iowa

Amount of bid: \$677,902.66

Portion of project: All construction work

Section 2. That the Mayor and Clerk are hereby directed to execute the contract with the contractor for the construction of the public improvements, such contract not to be binding on the City until approved by this Council.

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk

Council Member _____ introduced the following Resolution entitled "RESOLUTION APPROVING CONSTRUCTION CONTRACT AND BOND FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved its adoption. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

**RESOLUTION APPROVING CONSTRUCTION CONTRACT
AND BOND FOR THE 2024 PCC RECONSTRUCTION
PROGRAM - NW ASH DRIVE**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

That the construction contract and bond executed and insurance coverage for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive, and as described in detail in the plans and specifications heretofore approved, and which have been signed by the Mayor and Clerk on behalf of the City be and the same are hereby approved as follows:

Contractor:	<u>Concrete Technologies, Inc.</u>	of	<u>Grimes, Iowa</u>
Amount of bid:	<u>\$677,902.66</u>		
Bond surety:	_____		
Date of bond:	_____		
Portion of project:	<u>All construction work</u>		

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk





ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Public Hearing

LEGAL:
No Review Required

SUBJECT:
PH 2023-67: Proposed 2024-2028 Capital Improvement Program

EXECUTIVE SUMMARY:
The Capital Improvement Program services as a guide for the provision of public improvements, outlining the timing and financing of projects for a five-year period.

For 2024-2028, the capital improvement program totals \$244,866,000. Of this total, 50.70% is identified for transportation projects, 30.25% for municipal utilities (water, sewer and storm water) projects, 13.33% for municipal buildings, 3.53% for park facilities, 1.17% for sidewalks/trails and 1.02% for operating/construction equipment.

FISCAL IMPACT: **Yes**
The capital budget is a significant portion of the fiscal year 2025 budget. It includes the costs associated with the 2024 capital projects, the first year of the 2024-2028 Capital Improvement Program. The remaining four years of the program become a part of the City's long-term financial plan.

CITY MANAGER'S RECOMMENDATIONS:

Recommend approving the 2024-2028 Capital Improvement Program

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

The 2024-2028 Capital Improvement Program was presented and reviewed by the City Council at the November 6, 2023 and November 13, 2023 Council Action Planning Sessions.

PUBLIC OUTREACH EFFORTS:

Notice of public hearing was published in the Des Moines Register on December 8, 2023.

ACTION REQUESTED:

Action: Consider motion to close Public Hearing 2023-67.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 PH Coversheet
 Resolution
 2024-2028 Capital Improvement Program



PUBLIC HEARING 2023-67 5:30 P.M. DECEMBER 18, 2023

PROPOSED 2024-2028 CAPITAL IMPROVEMENT PROGRAM

This is the time and place for a public hearing on the proposed 2024-2028 Capital Improvement Program. A notice of hearing was published in the Des Moines Register on December 8, 2023.

Mayor:

“Has any written correspondence been received for this hearing?”

City Clerk:

None in the Clerk’s Office.

Mayor:

“I would like to request, at this time, Mike Schrock, Assistant City Manager, provide a report to the Council on this proposed 2024-2028 Capital Improvement Program.”

After report from staff:

“Is there anyone present who wishes to be heard for or against this proposed 2024-2028 Capital Improvement Program?” Inform them to come to the podium or if attending electronically raise your electronic hand or press *9. When called upon, please give name and address for the record.

1. Consider **MOTION** to close public hearing 2023-67.

“Further consideration and action on this item will take place under “New Business”, agenda item “J” later in the meeting.”

RESOLUTION

A RESOLUTION APPROVING THE 2024-2028 CAPITAL IMPROVEMENT PROGRAM

WHEREAS, each year the City reviews and updates its five-year program for capital improvements; and

WHEREAS, investing in capital improvements is essential for the City to maintain its current infrastructure and provide expanded infrastructure to enhance municipal services and provide increased citizen mobility; and

WHEREAS, the planning for capital improvements is important for creating an environment that encourages job creation and business development; and

WHEREAS, over the past few months the City Council has reviewed and developed a schedule of capital projects for the next five years.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ankeny, Iowa, that the Capital Improvement Program planning document for the years 2024-2028 be approved.

PASSED AND APPROVED this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



CAPITAL IMPROVEMENT PROGRAM

2024 - 2028

2024-2028

CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION

The capital improvement program serves as a guide for the provision of public improvements and outlines the timing and financing of projects for a five-year period. The capital budget is a significant portion of the fiscal year 2025 budget. It includes the costs associated with the 2024 capital projects, the first year of the 2024-2028 Capital Improvement Program.

The capital improvement program identifies capital needs, establishes priorities and identifies secured and potential funding sources. Key resources used in formulating the capital improvement program include *The Ankeny Plan 2040*, as well as professional studies of facilities, transportation, utilities and drainage needs.

The capital improvement program neither appropriates funds nor authorizes projects. The city council must act to initiate projects. Proceedings to initiate capital improvement program projects are presented to the council when sources of funding are available and the project is set for design and/or construction.

Annually, staff performs an extensive evaluation of capital project requirements, updates the adopted capital improvement program document, incorporates recommended changes, and submits the revised program to the city council for consideration, modification and adoption as a part of the annual budget process.

During the preparation of the recommended capital improvement program, city staff employs judgment to identify which projects can be accomplished within a given year and within the city's financial constraints. As would be expected, project expenditures and revenue estimates for the earlier years are more precise than the later years.

FISCAL OVERVIEW

The 2024-2028 Capital Improvement Program reflects a \$44,844,000 increase in project expenditures over last year's program. This is mostly due to the municipal buildings category and the addition of the Public Works Maintenance Facility Expansion project in 2024, 2025 and 2026. Also, new in this year's capital improvement program is the operating/construction equipment category, which includes the replacement of the fire department's ladder truck in 2028.

GOALS

The city council's goals provide policy guidance for the evaluation of capital improvement program projects. These goals include:

- Upgrade essential infrastructure
- Exercise financial discipline
- Deliver exceptional service
- Enhance quality of life
- Strengthen community engagement
- Ensure economic vitality
- Provide regional leadership
- Become the employer of choice

In addition to these goals, *The Ankeny Plan 2040* serves as the basis for many of the city's policy decisions related to a wide range of issues including capital projects. *The Ankeny Plan 2040* community goals related to the 2024-2028 Capital Improvement Program include:

1. Provide infrastructure investments that correspond to the community's growth potential;
2. Ensure that development within Ankeny and on Ankeny's periphery demonstrates environmental responsibility and adheres to the city's long-term growth goals;
3. Assure that the transportation system is adequate to meeting future demands; and
4. Encourage the development of an interconnected system of parks, trails and civic parkways and maintain a high level of service for recreational facilities as new neighborhoods emerge.

PROCESS

The capital improvement program process includes the submittal of request forms that gather information about capital projects including information on the department, project type and purpose, funding sources, underlying studies, and reasons for the project's timing. This information is combined with other factors such as relevance to city council goals, method of financing and whether or not it is a new or replacement project.

The projects are then evaluated based on the information provided on the forms. The following criteria may be considered when evaluating capital projects:

- Meets legal mandates
- Reduces hazards and improves public safety
- Advances a council goal or priority
- Improves efficiency
- Maintains standards of service
- Supports economic development
- Improves services and convenience
- Affordability
- Improves the quality of life or aesthetic values

These criteria are used as general guidelines that help determine priorities among the capital project requests. Projects are then evaluated and presented to the city council for consideration based on priorities and financial guidelines.

Since the 2024 capital improvement program projects will become part of the adopted fiscal year 2025 budget, the emphasis in the capital improvement program process is on the 2024 capital program. The projects for the remaining four years of the program become part of the city's long-term financial program. Although not an official part of the capital improvement program, an overall summary is included that contains an additional five years of high priority projects.

PROGRAM OVERVIEW

For 2024-2028, the capital improvement program totals \$244,866,000. Of this total, 50.70% is identified for transportation projects, 30.25% for municipal utilities (water, sewer and storm water) projects, 13.33% for municipal buildings, 3.53% for park facilities, 1.17% for sidewalks/trails and 1.02% for operating/construction equipment.

Capital spending authorizations by project category for 2024 include:

Project Category	Expenditure	% of Expenditure
Bridge/Box Culvert	\$ 700,000	1.22%
Municipal Buildings	7,440,000	12.97%
Park Facilities	1,744,000	3.04%
Sanitary Sewers	5,476,000	9.54%
Sidewalks/Trails	575,000	1.00%
Storm Water	1,865,000	3.25%
Streets	20,800,000	36.25%
Traffic Control	2,739,000	4.77%
Water Mains	4,024,000	7.01%
Water Towers/Storage	12,021,000	20.95%
Total	\$ 57,384,000	100.00%

For additional information see the Category Summary and Projects by Category reports in Section 3 of the capital improvement program.

FINANCIAL PLAN

The program represents a concerted effort to ensure that needed capital projects are in place in a timely manner to accommodate growth and development. Staff has worked to mitigate the impact that debt service requirements have on the debt service levy by careful review of the need for projects and the timing of projects.

The financial plan presents a diversified approach to funding the 2024-2028 Capital Improvement Program with 64.12% coming from sources other than property taxes. The plan focuses on finding revenue sources from outside the community to lessen the burden on taxpayers and aggressively seeks partnerships for enhancing the city's infrastructure. The capital improvement program financial plan relies on regular general obligation debt with substantial reinvestment in infrastructure. Typically, any infrastructure reinvestment, such as street rehabilitation, is funded primarily by property taxes from the debt service levy.

Below is a summary of the funding sources for the 2024-2028 Capital Improvement Program.

Funding Source	Revenue	% of Revenue
Property Taxes	\$ 87,847,600	35.88%
Grants and Intergovernmental	26,046,448	10.64%
Tax Increment Financing	13,829,500	5.65%
Municipal Utilities Revenues	81,748,790	33.38%
Miscellaneous Revenues	35,393,662	14.45%
Total	\$ 244,866,000	100.00%

For additional information see the Funding Source Summary and Projects by Funding Source reports in Section 3 of the capital improvement program.

PROPERTY TAXES

Property taxes, specifically those collected through the city's debt service levy, are the largest source of revenue for the capital improvement program representing \$87,847,600, or 35.88%, of the overall financial plan. Property tax revenue is used to make principal and interest payments on general obligation debt issued by the city to pay for infrastructure projects.

There are six types of general obligation debt issued by the city with all types backed by the full faith and credit of the city's taxing authority:

1. Regular general obligation debt—debt service levy
2. Road use tax-abated general obligation debt – reimbursement received from road use tax fund
3. Tax increment financing (TIF)-abated general obligation debt—reimbursement received from tax increment financing fund
4. Water-abated general obligation debt—reimbursement received from water fund
5. Sewer-abated general obligation debt—reimbursement received from sewer fund
6. Storm water-abated general obligation debt—reimbursement received from storm water fund
7. Referendum approved general obligation debt—additional debt service levy authority for capital projects approved by a vote of a super-majority of voters

GRANTS AND INTERGOVERNMENTAL

Each year staff looks for opportunities outside of the normal funding mechanisms (property taxes and utility rates) to assist with the construction of infrastructure projects. These opportunities can include awards of federal and state grants, regional resources, or assistance from other governments. The proposed capital improvement program financial plan identifies \$26,046,448 to be received from grant awards or intergovernmental assistance, representing 10.64% of all revenue sources.

The projects most dependent upon grants and intergovernmental support are the South Ankeny Boulevard Improvements – SE Peterson Drive to 1st Street, North Ankeny Boulevard Improvements – 1st Street to 11th Street and West 1st Street Widening and Improvements – Phase 2. Staff has secured \$11,435,000 from the Iowa Department of Transportation and \$2,846,500 from the Des Moines Area Metropolitan Planning Organization (MPO) for these projects.

For 2024, staff has secured \$787,500 from the Iowa DOT and \$1,973,748 from the Des Moines Area MPO for various transportation projects with the largest being the NE Delaware Avenue Reconstruction – NE 5th Street to NE 18th Street and SW Oralabor Road and SW State Street Intersection Improvements. In addition, \$1,075,000 is anticipated from the Iowa Department of Transportation and Polk County for the SE Creekview Drive Extension and NW 36th Street and NW Weigel Drive Asphalt Overlay projects.

TAX INCREMENT FINANCING

Of the five funding sources, \$13,829,500, or 5.65%, is being financed through TIF abatement. The West 1st Street Widening and Improvements – Phase 2 project is planned for preliminary design in 2024. This project is located within the Ankeny Economic Development Urban Renewal Area.

MUNICIPAL UTILITIES

The municipal utilities (water, sewer and storm water) help support numerous infrastructure projects to ensure each utility can adequately provide service to Ankeny's utility customers. Resources from the utility funds make up \$81,748,790, or 33.38%, of the capital improvement program financial plan.

Projects within the annual utility programs for 2024 include:

- NW Northlawn Area utility improvements;
- Westlawn Place Area utility improvements;
- Sanitary sewer spot repairs, manhole repairs and slip lining; and
- Storm water projects include maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway; replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection; and other minor storm sewer improvements and repairs.

Major utility projects planned for 2024 construction include the Four Mile Creek Trunk Sewer – Phase 2, SE 3rd Street Area Trunk Storm Sewer Improvements, NE 36th Street and NE 38th Street Water Main Loop and Northwest Water Tower.

MISCELLANEOUS REVENUES

The financial plan includes contributions from miscellaneous sources totaling \$35,393,662, or 14.45%, of the 2024-2028 Capital Improvement Program. This includes capital project fund cash balances, capital reserve fund cash balances, hotel/motel tax fund revenues, Otter Creek Golf Course fund cash balances, park dedication fund cash balances, private contributions, road use tax fund revenues and special assessment revenues.

CONCLUSION

This document represents the culmination of a systematic process employed by the city council and staff to develop a five-year program of infrastructure projects critical to the growth of the Ankeny community.

Projects proposed for completion from 2024-2028 will sustain existing infrastructure and support the expansion of new economic development opportunities. It is noted, however, that a significant number of projects will need to be considered in the future. With this in mind, the capital improvement program represents a balanced approach, making prudent investments while targeting construction in areas essential to sustaining Ankeny's commitment to attracting businesses, managing growth, and improving the quality of life.

Section 1

2024 CIP Projects by Funding Source

2024 CIP Projects by Funding Source			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2024	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 820,000	\$ 720,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000								1,355,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,650,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000							100,000				
Annual Pavement Preservation Program	STR-00-003	700,000	700,000											
Annual Street Replacement Program	STR-00-004	1,875,000	875,000									1,000,000		
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,514,000											90,000
Annual Water Main Replacement Program	WTM-00-001	825,000								825,000				
Community Entrance Signs	BLD-18-002	50,000								48,000	2,000			
Fire Station No. 4	BLD-20-002	6,810,000	210,000										6,600,000	
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000								50,000				
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000								200,000				
East of Interstate 35 Land Acquisition	BLD-24-002	330,000								66,000		99,000	165,000	
NE 62nd Street RCB Culvert for Four Mile Creek Tributary	BRG-23-001	700,000	700,000											
High Trestle Trail Experience Park	PRK-22-005	924,000								631,000	293,000			
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000								791,000				
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000								325,000				
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000								730,000				
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000								2,275,000				
Sawgrass Park Dam Improvements	STM-19-004	90,000		90,000										
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	130,000		130,000										
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000		540,000						400,000				
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	20,000	11,600	8,400										
SW Des Moines Street Utility Improvements	STM-24-002	235,000		78,333						156,667				
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	5,850,000	4,100,000						1,750,000					
NW 36th Street and NW Weigel Drive Asphalt Overlay	STR-19-004	2,450,000	2,300,000						150,000					
SW Oralabor Road and SW Edgewood Lane Intersection Improvements	STR-19-006	250,000	50,000						150,000	50,000				
SW Oralabor Road and SW State Street Intersection Improvements	STR-20-008	3,425,000							826,248	2,598,752				
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	375,000	375,000											
West 1st Street Widening and Improvements - Phase 2	STR-22-003	400,000			400,000									
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	500,000	465,000						35,000					
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	150,000	150,000											
SW Magazine Road and SW State Street Intersection Improvements	STR-23-006	475,000	475,000											
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	200,000	200,000											
SE Creekview Drive Extension	STR-24-002	2,025,000							925,000					1,100,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	650,000											
SE Corporate Woods Drive and SE Crosswinds Drive Traffic Signal	TRF-23-002	485,000	405,000											80,000
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000							
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	295,000					295,000							
NE 36th Street and NE 38th Street Water Main Loop	WTM-21-009	2,300,000					2,300,000							
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000							
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000							
		\$ 57,384,000	\$ 16,150,600	\$ 846,733	\$ 400,000	\$ -	\$ 15,220,000	\$ -	\$ 3,836,248	\$ 11,151,419	\$ 295,000	\$ 1,449,000	\$ 6,765,000	\$ 1,270,000

2024 Bond Issue Project Costs	\$ 17,397,333
Cost of Issuance	237,667
Projected 2024 Bond Issue Total	\$ 17,635,000

2025 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2025	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 470,000	\$ 370,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,320,000								1,320,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,675,000	1,675,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	750,000	750,000											
Annual Street Replacement Program	STR-00-004	1,675,000	1,675,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,025,000	975,000						50,000					
Annual Water Main Replacement Program	WTM-00-001	800,000								800,000				
Community Entrance Signs	BLD-18-002	100,000									100,000			
Fire Station No. 4	BLD-20-002	1,370,000											1,370,000	
Public Works Satellite Salt Storage Facility	BLD-21-002	475,000								40,000		435,000		
Public Works Maintenance Facility Expansion	BLD-24-003	1,000,000				1,000,000								
NE 18th Street Bridge over Interstate 35	BRG-22-002	475,000	475,000											
Hawkeye Park Sports Complex Tennis Courts Reconstruction	PRK-18-003	850,000	850,000											
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000	150,000											
Otter Creek Trunk Sewer - Phase 4	SNS-12-001	1,650,000								1,650,000				
SE 3rd Street Trunk Sewer Extension	SNS-20-002	353,000								353,000				
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	425,000								425,000				
Clover Ridge Trunk Sewer Extension	SNS-22-003	105,000								105,000				
Polk County Lift Station Decommissioning	SNS-22-004	154,000								154,000				
Sawgrass Park Dam Improvements	STM-19-004	445,000		445,000										
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	2,160,000		1,040,000					1,120,000					
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	415,000		15,000						400,000				
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	190,000		190,000										
Diamond Hills Greenway Stream Stabilization	STM-22-002	75,000		75,000										
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	900,000	522,000	378,000										
SW Des Moines Street Utility Improvements	STM-24-002	1,515,000		505,000						1,010,000				
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	150,000	150,000											
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	200,000								200,000				
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	4,025,000	4,025,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	125,000			125,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	875,000			875,000									
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	100,000	100,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	5,700,000	1,950,000						3,750,000					
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	925,000	725,000						200,000					
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	215,000	215,000											
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	150,000	150,000											
Fiber Optic Network Upgrade	TRF-23-001	805,000	805,000											
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	2,180,000			320,000		1,860,000							
East Water Tower	WTT-24-001	400,000					400,000							
		\$ 37,772,000	\$16,162,000	\$ 2,648,000	\$ 1,320,000	\$ 1,000,000	\$ 2,260,000	\$ -	\$ 5,120,000	\$ 7,007,000	\$ 100,000	\$ 785,000	\$ 1,370,000	\$ -

2025 Bond Issue Project Costs	\$21,130,000
Cost of Issuance	280,000
Projected 2025 Bond Issue Total	\$21,410,000

2026 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2026	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 495,000	\$ 395,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,345,000								1,345,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,750,000	1,750,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	800,000	800,000											
Annual Street Replacement Program	STR-00-004	1,800,000	1,800,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,185,000	1,185,000											
Annual Water Main Replacement Program	WTM-00-001	825,000								825,000				
Community Entrance Signs	BLD-18-002	100,000									100,000			
Public Works Maintenance Facility Expansion	BLD-24-003	16,250,000				16,250,000								
NE 18th Street Bridge over Interstate 35	BRG-22-002	400,000	400,000											
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	140,000			140,000									
High Trestle Trail Experience Park	PRK-22-005	1,000,000							500,000		500,000			
Prairie Ridge Sports Complex North Parking Lot Overlay	PRK-24-002	1,870,000	1,870,000											
Clover Ridge Trunk Sewer Extension	SNS-22-003	846,000								846,000				
Polk County Lift Station Decommissioning	SNS-22-004	1,672,000								1,672,000				
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	12,000								12,000				
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	1,265,000		596,300					668,700					
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,420,000		1,020,000						400,000				
Diamond Hills Greenway Stream Stabilization	STM-22-002	75,000		75,000										
Saylor Creek Tributary Channel Improvements	STM-22-005	190,000		190,000										
SW Des Moines Street Utility Improvements	STM-24-002	505,000		168,333						336,667				
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	500,000								500,000				
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	200,000												200,000
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	250,000			250,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	4,250,000			2,826,750				1,423,250					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	400,000	400,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	275,000	275,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	2,125,000							300,000	1,825,000				
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	4,160,000	4,160,000											
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	1,050,000	1,050,000											
Fiber Optic Network Upgrade	TRF-23-001	500,000	500,000											
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	128,000					128,000							
East Water Tower	WTT-24-001	10,400,000					10,400,000							
		\$ 59,583,000	\$ 15,185,000	\$ 2,049,633	\$ 3,216,750	\$ 16,250,000	\$ 10,528,000	\$ -	\$ 2,891,950	\$ 8,311,667	\$ 600,000	\$ 350,000	\$ -	\$ 200,000

2026 Bond Issue Project Costs	\$ 36,701,383
Cost of Issuance	438,617
Projected 2026 Bond Issue Total	\$ 37,140,000

2027 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2027	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 520,000	\$ 420,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,395,000								1,395,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,850,000	1,850,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	850,000	850,000											
Annual Street Replacement Program	STR-00-004	1,900,000	1,900,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,490,000	1,490,000											
Annual Water Main Replacement Program	WTM-00-001	875,000								875,000				
Public Works Maintenance Facility Expansion	BLD-24-003	5,895,000				5,895,000								
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	55,000	55,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	2,250,000	2,250,000											
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	1,250,000			1,250,000									
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	118,000								118,000				
Deer Creek Trunk Sewer Extension	SNS-23-003	216,000								216,000				
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,330,000		930,000						400,000				
Diamond Hills Greenway Stream Stabilization	STM-22-002	1,610,000		1,610,000										
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	160,000		95,000					65,000					
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	270,000		165,000					105,000					
Saylor Creek Tributary Channel Improvements	STM-22-005	210,000		210,000										
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	95,000		45,000					50,000					
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	4,700,000			1,931,000				1,250,000	1,519,000				
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	700,000	410,000											290,000
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	250,000	250,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	375,000			375,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	4,475,000			3,051,750				1,423,250					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	4,500,000	4,500,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	3,500,000	650,000						2,850,000					
Fiber Optic Network Upgrade	TRF-23-001	610,000	610,000											
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	1,172,000					1,172,000							
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	90,000								90,000				
		\$ 44,111,000	\$ 15,835,000	\$ 3,055,000	\$ 6,607,750	\$ 5,895,000	\$ 1,172,000	\$ -	\$ 5,743,250	\$ 5,163,000	\$ -	\$ 350,000	\$ -	\$ 290,000

2027 Bond Issue Project Costs	\$ 31,392,750
Cost of Issuance	392,250
Projected 2027 Bond Issue Total	\$ 31,785,000

2028 CIP Projects by Funding Source

2028 CIP Projects by Funding Source			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2028	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 545,000	\$ 445,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,445,000								1,445,000				
Annual Storm Water Replacement Program	STM-00-001	500,000								500,000				
Annual PCC Street Patching Program	STR-00-001	1,950,000	1,950,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	900,000	900,000											
Annual Street Replacement Program	STR-00-004	2,000,000	2,000,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,490,000	1,490,000											
Annual Water Main Replacement Program	WTM-00-001	925,000								925,000				
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	385,000	385,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	6,525,000	4,525,000						2,000,000					
Ladder Truck Replacement	OEC-23-001	2,495,000	2,495,000											
High Trestle Trail Experience Park	PRK-22-005	1,000,000							500,000		500,000			
Deer Creek Trunk Sewer Extension	SNS-23-003	2,009,000								2,009,000				
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	150,000		90,000					60,000					
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	260,000		155,000					105,000					
Saylor Creek Tributary Channel Improvements	STM-22-005	3,400,000		3,000,000						400,000				
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	90,000		40,000					50,000					
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	7,325,000	7,325,000											
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	800,000	800,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	3,725,000			2,285,000				1,440,000					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	100,000	100,000											
NE Delaware Avenue Reconstruction - Four Mile Creek to NE 36th Street	STR-23-002	500,000	500,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	5,300,000	1,000,000						4,300,000					
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	60,000					60,000							
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	1,187,000					1,187,000							
		\$ 46,016,000	\$ 24,515,000	\$ 3,285,000	\$ 2,285,000	\$ -	\$ 1,247,000	\$ -	\$ 8,455,000	\$ 5,379,000	\$ 500,000	\$ 350,000	\$ -	\$ -

2028 Bond Issue Project Costs	\$ 30,085,000
Cost of Issuance	370,000
Projected 2028 Bond Issue Total	\$ 30,455,000

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Projected
2028

<u>Annual Sanitary Sewer Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,976,615	\$ 1,342,325	\$ 987,325	\$ 767,325	\$ 622,325	\$ 527,325
<u>Transfers In</u>						
Sewer Fund	\$ 700,000	\$ 1,000,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000
Total Transfers In	\$ 700,000	\$ 1,000,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000
<u>Project Expenditures</u>						
Sanitary Sewer Oversizing	\$ 49,845	\$ 30,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Sanitary Sewer Spot Repairs, Manhole Repairs and Slip Lining	\$ 566,549	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000
NW Northlawn Area Utility Improvements	\$ 717,897	\$ 650,000	\$ 675,000			
Westlawn Place Area Utility Improvements		\$ 100,000	\$ 50,000	\$ 750,000	\$ 800,000	\$ 850,000
Total Project Expenditures	\$ 1,334,291	\$ 1,355,000	\$ 1,320,000	\$ 1,345,000	\$ 1,395,000	\$ 1,445,000
Remaining Cash Balance	<u>\$ 1,342,325</u>	<u>\$ 987,325</u>	<u>\$ 767,325</u>	<u>\$ 622,325</u>	<u>\$ 527,325</u>	<u>\$ 482,325</u>

<u>Annual Storm Water Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 413,688	\$ 436,944	\$ 386,944	\$ 336,944	\$ 336,944	\$ 336,944
<u>Transfers In</u>						
Storm Water Fund	\$ 350,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 500,000
Total Transfers In	\$ 350,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 500,000
<u>Project Expenditures</u>						
Small open cut repairs to storm sewers and/or structures near NW Briargate Drive, 700 block of NE 5th Street, SW 2nd Court, 1500 block of NW Linwood Street, 700 block of NE Hayes Drive and NE 31st Street and NE Trilein Drive	\$ 133,550					
Repairs to flow control structures/orifice plates in Renaissance Park, NE Briarwood Drive and the Public Services Building	\$ 5,000					
Erosion repairs at SW Ordinance Road and SW State Street and NW Greenwood Street	\$ 17,000					
Cost share to repair/replace culvert under SW Ankeny Road	\$ 25,000					
Maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway	\$ 101,079	\$ 200,000				
Replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection		\$ 155,000				
Drainage improvements on North Creek Trail near North Creek Park		\$ 20,000				
Four Mile Creek storm sewer outlet repairs		\$ 30,000				
Storm water conservation projects	\$ 15,000	\$ 10,000				
Minor storm water management and storm sewer improvements and repairs	\$ 30,115	\$ 35,000				
Storm water projects (TBD)			\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000
Total Project Expenditures	\$ 326,744	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000
Remaining Cash Balance	\$ 436,944	\$ 386,944	\$ 336,944	\$ 336,944	\$ 336,944	\$ 336,944

<u>Annual Asphalt Street Resurfacing Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 268,331	\$ 353,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986
Transfers In						
General Obligation Bonds	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Total Transfers In	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Project Expenditures						
SE Corporate Woods Drive HMA Overlay - SE Four Mile Drive to Corporate Limits (cost share with Polk County)	\$ 32,105					
SW Ordnance Road HMA Overlay - SW Cherry Street to SW Railroad Drive	\$ 282,240					
County NE 38th Street HMA Overlay - East 1st Street to NE 18th Street (cost share with Polk County)	\$ 75,000					
SW Ordnance Road HMA Overlay - SW Westview Drive to SW Maple Street		\$ 375,000				
NE Frisk Drive HMA Overlay - East 1st Street to NE 18th Street (cost share with Polk County)		\$ 100,000				
SW Ordnance Road HMA Overlay - SW State Street to SW Westview Drive			\$ 300,000			
NW 54th Street HMA Overlay - City Limits to North Ankeny Boulevard (cost share with Polk County)			\$ 75,000			
Asphalt Street Resurfacing (TBD)				\$ 375,000	\$ 375,000	\$ 375,000
Total Project Expenditures	\$ 389,345	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Remaining Cash Balance	\$ 353,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986

<u>Annual Pavement Preservation Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 11,467	\$ 129,063	\$ 129,063	\$ 129,063	\$ 129,063	\$ 129,063
<u>Transfers In</u>						
General Obligation Bonds	\$ 350,000	\$ 700,000	\$ 750,000	\$ 800,000	\$ 850,000	\$ 900,000
Annual Street Replacement Program	\$ 200,000					
Total Transfers In	\$ 550,000	\$ 700,000	\$ 750,000	\$ 800,000	\$ 850,000	\$ 900,000
<u>Project Expenditures</u>						
2023 Pavement Preservation Program	\$ 432,404					
Partial Depth Repair Patching		\$ 375,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 475,000
Pavement Crack and Joint Preservation		\$ 325,000	\$ 350,000	\$ 375,000	\$ 400,000	\$ 425,000
Total Project Expenditures	\$ 432,404	\$ 700,000	\$ 750,000	\$ 800,000	\$ 850,000	\$ 900,000
Remaining Cash Balance	\$ 129,063	\$ 129,063	\$ 129,063	\$ 129,063	\$ 129,063	\$ 129,063

Projected
2028

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<u>Annual Traffic Signal Improvement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,039,349	\$ 171,524	\$ 171,524	\$ 171,524	\$ 171,524	\$ 171,524
<u>Transfers In</u>						
General Obligation Bonds	\$ 875,000	\$ 1,514,000	\$ 975,000	\$ 1,185,000	\$ 1,490,000	\$ 1,490,000
Road Use Tax Fund	\$ 400,000					
Developer Contributions		\$ 90,000				
Polk County			\$ 50,000			
Total Transfers In	\$ 1,275,000	\$ 1,604,000	\$ 1,025,000	\$ 1,185,000	\$ 1,490,000	\$ 1,490,000
<u>Project Expenditures</u>						
SE Delaware Avenue and SE 8th Street Traffic Signal, Left Turn Lanes and Fiber Optic Connection	\$ 6,574					
North Ankeny Boulevard and NE 54th Street Traffic Signal and Left Turn Lanes	\$ 159,125					
SE Corporate Woods Drive and SE Convenience Boulevard Traffic Signal and Lane Modifications Cost Share	\$ 174,524					
North Ankeny Boulevard Fiber Optic Upgrade - 1st Street to 18th Street	\$ 69,089					
SE Quadrant Fiber Optic Upgrade, Phase 1 - Public Works Maintenance Facility to Gay Lea Wilson Trail	\$ 89,532					
SW State Street and SW 11th Street Traffic Signal Cost Share	\$ 150,000					
SE Delaware Avenue Fiber Optic Connection	\$ 23,475					
Northwest Elementary School Signal Replacement	\$ 6,038					
2023 Fiber Optic Cable	\$ 47,718					
2023 Fiber Optic Equipment	\$ 21,263					
NW 36th Street Fiber Optic Redundancy	\$ 62,895					
High Trestle Trail Rectangular Rapid Flashing Beacons - SE Magazine Road and SE Shurfine Drive	\$ 59,672					
NW Prairie Ridge Drive, NW Ash Drive and NW 9th Street Intersection Concept Study	\$ 34,670					
SE Oralabor Road, SE Convenience Boulevard and SE Creekview Drive Traffic Signal Replacement	\$ 918,460					

<u>Annual Water Main Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,116,942	\$ 893,439	\$ 768,439	\$ 693,439	\$ 618,439	\$ 518,439
<u>Transfers In</u>						
Water Fund	\$ 600,000	\$ 700,000	\$ 725,000	\$ 750,000	\$ 775,000	\$ 800,000
Total Transfers In	\$ 600,000	\$ 700,000	\$ 725,000	\$ 750,000	\$ 775,000	\$ 800,000
<u>Project Expenditures</u>						
Water Main Oversizing	\$ 105,605	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
NW Northlawn Area Utility Improvements	\$ 717,897	\$ 650,000	\$ 675,000			
Westlawn Place Area Utility Improvements		\$ 100,000	\$ 50,000	\$ 750,000	\$ 800,000	\$ 850,000
Total Project Expenditures	\$ 823,502	\$ 825,000	\$ 800,000	\$ 825,000	\$ 875,000	\$ 925,000
Remaining Cash Balance	\$ 893,439	\$ 768,439	\$ 693,439	\$ 618,439	\$ 518,439	\$ 393,439

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
ANNUAL PROGRAMS								
Annual Park Development Program	PRK-00-002	\$ 820,000	\$ 470,000	\$ 495,000	\$ 520,000	\$ 545,000	\$ 3,100,000	\$ 5,950,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	575,000	575,000	575,000	575,000	2,875,000	5,750,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	8,500,000	15,360,000
Annual Storm Water Replacement Program	STM-00-001	450,000	450,000	450,000	450,000	500,000	2,800,000	5,100,000
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	11,250,000	20,125,000
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000	375,000	375,000	375,000	1,875,000	3,850,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	5,250,000	9,250,000
Annual Street Replacement Program	STR-00-004	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	11,500,000	20,750,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	8,200,000	14,994,000
Annual Water Main Replacement Program	WTM-00-001	825,000	800,000	825,000	875,000	925,000	4,375,000	8,625,000
BUILDINGS								
Community Entrance Signs	BLD-18-002	50,000	100,000	100,000	-	-	-	250,000
Fire Station No. 4	BLD-20-002	6,810,000	1,370,000	-	-	-	-	8,180,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	475,000	-	-	-	-	525,000
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000	-	-	-	-	-	200,000
East of Interstate 35 Land Acquisition	BLD-24-002	330,000	-	-	-	-	-	330,000
Public Works Maintenance Facility Expansion	BLD-24-003	-	1,000,000	16,250,000	5,895,000	-	-	23,145,000
City Hall and Public Services Building Expansion	Buildings	-	-	-	-	-	12,325,000	12,325,000
Fire Station No. 5	Buildings	-	-	-	-	-	9,645,000	9,645,000
Police Headquarters Remodel	Buildings	-	-	-	-	-	5,656,000	5,656,000
BRIDGES								
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	-	-	-	55,000	385,000	-	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002	-	475,000	400,000	2,250,000	6,525,000	7,200,000	16,850,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	-	-	140,000	1,250,000	-	-	1,390,000
NE 62nd Street RCB Culvert for Four Mile Creek Tributary	BRG-23-001	700,000	-	-	-	-	-	700,000
SE Corporate Woods Drive Railroad Overpass	Bridges	-	-	-	-	-	23,500,000	23,500,000
OPERATING/CONSTRUCTION EQUIPMENT								
Ladder Truck Replacement	OEC-23-001	-	-	-	-	2,495,000	-	2,495,000
PARKS								
Hawkeye Park Sports Complex Tennis Courts Reconstruction	PRK-18-003	-	850,000	-	-	-	-	850,000

2024-2028 Capital Improvement Program Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
High Trestle Trail Experience Park	PRK-22-005	924,000	-	1,000,000	-	1,000,000	1,766,000	4,690,000
Sunrise Park Parking Lot Overlay	PRK-24-001	-	150,000	-	-	-	-	150,000
Prairie Ridge Sports Complex North Parking Lot Overlay	PRK-24-002	-	-	1,870,000	-	-	-	1,870,000
Mini-Pitch Soccer System	PRK-22-001	-	-	-	-	-	225,000	225,000
Prairie Ridge Sports Complex East Parking Lot Overlay	PRK-24-003	-	-	-	-	-	1,675,000	1,675,000
Prairie Ridge Sports Complex Softball Batting Cage Replacement	PRK-24-004	-	-	-	-	-	285,000	285,000
Rally Complex Field Lighting	PRK-24-006	-	-	-	-	-	350,000	350,000
Chautauqua and Promenade Park Development	Parks	-	-	-	-	-	6,600,000	6,600,000
Heritage Park Redevelopment and Expansion	Parks	-	-	-	-	-	700,000	700,000
SIDEWALKS/TRAILS								
Clover Ridge Trail	SDW-21-002	-	-	-	-	-	175,000	175,000
SW Ankeny Road Sidewalk Improvements	SDW-22-001	-	-	-	-	-	830,000	830,000
Four Mile Creek Trail - NE 47th Street to NE 54th Street	Sidewalks/Trails	-	-	-	-	-	550,000	550,000
Hidden Creek Trail - NW 5th Street to NW 13th Street	Sidewalks/Trails	-	-	-	-	-	890,000	890,000
NE Frisk Drive Sidewalk Connection	Sidewalks/Trails	-	-	-	-	-	725,000	725,000
SE Delaware Avenue Retaining Wall Replacement	Sidewalks/Trails	-	-	-	-	-	700,000	700,000
SANITARY SEWERS								
Otter Creek Trunk Sewer - Phase 4	SNS-12-001	-	1,650,000	-	-	-	-	1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000	-	-	-	-	1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	425,000	-	-	-	-	750,000
Clover Ridge Trunk Sewer Extension	SNS-22-003	-	105,000	846,000	-	-	-	951,000
Polk County Lift Station Decommissioning	SNS-22-004	-	154,000	1,672,000	-	-	-	1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	-	-	12,000	118,000	-	-	130,000
Deer Creek Trunk Sewer Extension	SNS-23-003	-	-	-	216,000	2,009,000	-	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000	-	-	-	-	-	730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000	-	-	-	-	-	2,275,000
John Deere Lift Station Replacement	Sanitary Sewers	-	-	-	-	-	1,200,000	1,200,000
Sanitary Sewer Evaluation Survey - Central Basin	Sanitary Sewers	-	-	-	-	-	1,200,000	1,200,000
Saylor Creek Lift Station Study and Updates	Sanitary Sewers	-	-	-	-	-	1,000,000	1,000,000
STORM WATER								
Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000	-	-	-	-	535,000

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	130,000	2,160,000	1,265,000	-	-	-	3,555,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000	415,000	-	-	-	-	1,355,000
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	-	190,000	1,420,000	1,330,000	-	-	2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002	-	75,000	75,000	1,610,000	-	-	1,760,000
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	-	-	-	160,000	150,000	1,320,000	1,630,000
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	-	-	-	270,000	260,000	2,265,000	2,795,000
Saylor Creek Tributary Channel Improvements	STM-22-005	-	-	190,000	210,000	3,400,000	-	3,800,000
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	-	-	-	95,000	90,000	770,000	955,000
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	20,000	900,000	-	-	-	-	920,000
SW Des Moines Street Utility Improvements	STM-24-002	235,000	1,515,000	505,000	-	-	-	2,255,000
STREETS								
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	5,850,000	150,000	-	-	-	-	6,000,000
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	-	200,000	500,000	4,700,000	-	-	5,400,000
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	-	-	200,000	700,000	7,325,000	125,000	8,350,000
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	-	-	-	250,000	800,000	7,950,000	9,000,000
NW 36th Street and NW Weigel Drive Asphalt Overlay	STR-19-004	2,450,000	-	-	-	-	-	2,450,000
SW Oralabor Road and SW Edgewood Lane Intersection Improvements	STR-19-006	250,000	-	-	-	-	-	250,000
SW Oralabor Road and SW State Street Intersection Improvements	STR-20-008	3,425,000	-	-	-	-	-	3,425,000
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	375,000	4,025,000	-	-	-	-	4,400,000
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	-	125,000	250,000	375,000	3,725,000	3,725,000	8,200,000
West 1st Street Widening and Improvements - Phase 2	STR-22-003	400,000	875,000	4,250,000	4,475,000	-	-	10,000,000
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	-	100,000	400,000	4,500,000	100,000	-	5,100,000
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	500,000	5,700,000	275,000	-	-	-	6,475,000
NE Delaware Avenue Reconstruction - Four Mile Creek to NE 36th Street	STR-23-002	-	-	-	-	500,000	9,450,000	9,950,000
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	150,000	925,000	2,125,000	3,500,000	5,300,000	-	12,000,000
SW Magazine Road and SW State Street Intersection Improvements	STR-23-006	475,000	-	-	-	-	-	475,000
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	200,000	215,000	4,160,000	-	-	-	4,575,000
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	-	150,000	1,050,000	-	-	-	1,200,000
SE Creekview Drive Extension	STR-24-003	2,025,000	-	-	-	-	-	2,025,000
East 1st Street Widening - NE Frisk Drive to NE Four Mile Drive	Streets	-	-	-	-	-	12,250,000	12,250,000

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
NW 36th Street Widening - NW State Street to NW Ash Drive	Streets	-	-	-	-	-	5,125,000	5,125,000
NW State Street Extension - NW 36th Street to NW 54th Street	Streets	-	-	-	-	-	20,150,000	20,150,000
NW State Street Widening and Pavement Rehabilitation - West 1st Street to NW 18th Street	Streets	-	-	-	-	-	5,900,000	5,900,000
SW 4th Street Reconstruction - SW Maple Street to SW Cherry Street	Streets	-	-	-	-	-	800,000	800,000
TRAFFIC								
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000	-	-	2,565,000
SE Corporate Woods Drive and SE Crosswinds Drive Traffic Signal	TRF-23-002	485,000	-	-	-	-	-	485,000
SE Delaware Avenue Capacity Improvements - SE Oralabor Road to SE 16th Court	Traffic	-	-	-	-	-	1,970,000	1,970,000
Traffic Signal Development Agreements	Traffic	-	-	-	-	-	2,250,000	2,250,000
WATER								
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000	-	-	-	-	-	604,000
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	-	-	128,000	1,172,000	-	-	1,300,000
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	295,000	2,180,000	-	-	-	-	2,475,000
NE 36th Street and NE 38th Street Water Main Loop	WTM-21-009	2,300,000	-	-	-	-	-	2,300,000
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	-	-	-	-	60,000	565,000	625,000
Northwest Water Tower	WTT-19-002	11,295,000	-	-	-	-	-	11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000	-	-	-	-	-	726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	-	-	-	90,000	1,187,000	-	1,277,000
East Water Tower	WTT-24-001	-	400,000	10,400,000	-	-	-	10,800,000
Aquifer Storage and Recovery Well No. 2 Rehabilitation	Water	-	-	-	-	-	1,330,000	1,330,000
NW State Street Water Main Improvements	Water	-	-	-	-	-	1,475,000	1,475,000
SE Corporate Woods Drive Transmission Main	Water	-	-	-	-	-	3,800,000	3,800,000
SW Oralabor Road Transmission Main	Water	-	-	-	-	-	4,950,000	4,950,000
	Year Totals	\$ 57,384,000	\$ 37,772,000	\$ 59,583,000	\$ 44,111,000	\$ 46,016,000	\$ 223,092,000	\$ 467,958,000

Section 2

City of Ankeny, Iowa
Financial Planning for Capital Projects
Projection of Tax Levies & Tax Rate Impact

EXHIBIT 1

FY25 Pre-Levy => 5,192,576

Debt Service Levy Impact	
Tax Impact for FY 23-24:	(\$0.05)
Tax Impact for FY 24-25:	\$0.00
Tax Impact for FY 25-26:	\$0.00
Tax Impact for FY 26-27:	\$0.00

									Par	\$16,365,000	\$16,365,000	\$15,360,000	\$16,025,000	\$24,815,000						Ending
									Proceeds	\$16,150,600	\$16,162,000	\$15,185,000	\$15,835,000	\$24,515,000	Estimated	Bond	Other	Total	Surplus/	Cash/Fund
Fiscal Year	Total Tax		Taxes	Debt	Utility/	Misc	Property	Total	Existing	2024	2025	2026	2027	2028	Future	Fees	Uses	Uses	(Deficit)	Balance
Valuation	Growth	Levied	Levy	Abatement	Income		Backfill	Resources	GO Debt	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	GO Bonds					
2018 - 2019	3,531,530,661	13.3%	13,243,241	\$3.7500	7,801,688	118,225	355,273	21,518,427	21,801,317							7,100	(1,115)	21,807,302	(288,875)	1,860,091
2019 - 2020	3,842,245,193	8.8%	13,447,858	\$3.5000	8,617,551	74,261	343,629	22,483,299	22,703,697							7,700	125,359	22,836,756	(353,457)	1,506,634
2020 - 2021	4,177,177,183	8.7%	13,575,825	\$3.2500	9,326,128	131,197	335,718	23,368,868	23,334,941							6,842	(135,238)	23,206,545	162,323	1,668,957
2021 - 2022	4,456,458,887	6.7%	14,260,668	\$3.2000	8,824,235	3,242	342,757	23,430,902	23,356,250							6,400	(98,317)	23,264,334	166,569	1,835,526
2022 - 2023	4,827,690,725	8.3%	14,724,457	\$3.0500	9,158,442	101,093	276,946	24,260,938	24,199,486							6,000		24,205,486	55,452	1,890,978
2023 - 2024	5,049,775,865	4.6%	15,149,328	\$3.0000	9,525,673	44,000	304,464	25,023,465	25,020,307							6,600		25,026,907	(3,442)	1,887,536
2024 - 2025	5,723,685,198	13.3%	17,171,056	\$3.0000	8,282,827	44,000	234,783	25,732,665	20,531,763	5,192,576						6,700		25,731,038	1,627	1,889,163
2025 - 2026	5,999,830,555	4.8%	17,999,492	\$3.0000	7,842,088	44,000	167,379	26,052,958	18,674,019	4,869,400	2,502,576					6,800		26,052,794	164	1,889,327
2026 - 2027	6,011,536,137	0.2%	18,034,608	\$3.0000	7,364,263	44,000	100,053	25,542,924	17,688,781	1,243,125	2,757,350	3,841,840				6,900		25,537,996	4,928	1,894,255
2027 - 2028	6,261,932,503	4.2%	18,785,798	\$3.0000	6,192,394	44,000	100,053	25,122,244	15,926,300	1,243,575	2,025,375	3,415,350	2,503,720			7,000		25,121,320	924	1,895,179
2028 - 2029	6,268,465,514	0.1%	18,805,397	\$3.0000	3,894,544	44,000	100,053	22,843,993	8,944,175	1,241,550	2,022,775	3,539,925	3,267,550	3,821,199		6,000		22,843,174	820	1,895,999
2029 - 2030	6,387,566,359	1.9%	19,162,699	\$3.0000	1,567,344	44,000	100,053	20,874,096	4,391,825	1,242,050	2,021,325	1,164,375	3,436,425	3,915,350	4,674,161	6,000		20,851,511	22,585	1,918,584

Debt Limit Projection

Based on Constitutional Limit:
5% of Assessed Valuation

Outstanding Debt

Issue Date	Maturity Date	Outstanding Debt
12/22/14	06/01/28	\$ 9,790,000
05/28/15	06/01/25	1,570,000
05/28/15	06/01/24	280,000
03/31/16	06/01/28	2,645,000
05/25/16	06/01/26	2,710,000
05/31/17	06/01/27	3,740,000
05/30/18	06/01/28	8,070,000
05/28/19	06/01/29	11,720,000
06/09/20	06/01/30	8,165,000
06/09/21	06/01/31	15,245,000
05/25/22	06/01/37	26,725,000
06/21/23	06/01/33	13,790,000
Rebate & Lease Agreements		7,401,092
Total Outstanding Debt		\$ 111,851,092

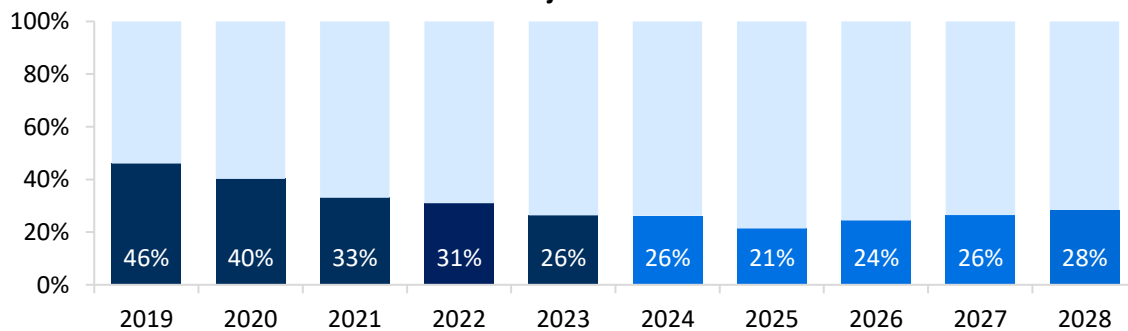
Projected Debt

Bond Year	Debt Addition	Debt Reduction	Change in Rebates	Net Change	Projected Outstanding Debt
2024	\$ 17,635,000	\$ 20,450,000	\$ -	\$ (2,815,000)	\$ 109,036,092
2025	21,410,000	16,850,000	(384,715)	4,175,285	113,211,377
2026	37,140,000	15,775,000	(1,678,719)	19,686,281	132,897,659
2027	31,785,000	15,485,000	(1,873,820)	14,426,180	147,323,839
2028	30,455,000	14,395,000	(880,301)	15,179,699	162,503,538

Calculation of Legal Debt Limit

FY	Assessed Value	Debt Limit Value (5%)	Projected Outstanding Debt	Unused Debt Limit	% of Debt Limit Used
2024	8,329,098,390	\$ 416,454,920	\$ 109,036,092	\$ 307,418,827	26%
2025	10,605,039,333	530,251,967	113,211,377	417,040,589	21%
2026	10,873,164,527	543,658,226	132,897,659	410,760,568	24%
2027	11,149,333,477	557,466,674	147,323,839	410,142,835	26%
2028	11,433,787,495	571,689,375	162,503,538	409,185,836	28%

Historical and Projected Use of Debt Limit



Section 3

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
2024 thru 2028

CATEGORY SUMMARY

Category	2024	2025	2026	2027	2028	Total
Bridge/Box Culvert	700,000	475,000	540,000	3,555,000	6,910,000	12,180,000
Municipal Buildings	7,440,000	2,945,000	16,350,000	5,895,000		32,630,000
Operating/Construction Equipment					2,495,000	2,495,000
Park Facilities	1,744,000	1,470,000	3,365,000	520,000	1,545,000	8,644,000
Sanitary Sewers	5,476,000	4,007,000	3,875,000	1,729,000	3,454,000	18,541,000
Sidewalks/Trails	575,000	575,000	575,000	575,000	575,000	2,875,000
Storm Water	1,865,000	6,150,000	3,905,000	4,125,000	4,400,000	20,445,000
Streets and Alleys	20,800,000	16,940,000	17,935,000	23,475,000	22,975,000	102,125,000
Traffic Control	2,739,000	1,830,000	1,685,000	2,100,000	1,490,000	9,844,000
Water Mains	4,024,000	2,980,000	953,000	2,047,000	985,000	10,989,000
Water Towers/Storage	12,021,000	400,000	10,400,000	90,000	1,187,000	24,098,000
TOTAL	57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
2024 thru 2028

PROJECTS BY CATEGORY

Category	Project #	2024	2025	2026	2027	2028	Total
Bridge/Box Culvert							
SE Frisk Drive RCB Culvert for Four Mile Creek	BRG-20-001				55,000	385,000	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002		475,000	400,000	2,250,000	6,525,000	9,650,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004			140,000	1,250,000		1,390,000
NE 62nd Street RCB Culvert for Four Mile Tributary	BRG-23-001	700,000					700,000
Bridge/Box Culvert Total		700,000	475,000	540,000	3,555,000	6,910,000	12,180,000
Municipal Buildings							
Community Entrance Signs	BLD-18-002	50,000	100,000	100,000			250,000
Fire Station No. 4	BLD-20-002	6,810,000	1,370,000				8,180,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	475,000				525,000
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000					200,000
East of Interstate 35 Land Acquisition	BLD-24-002	330,000					330,000
Public Works Maintenance Facility Expansion	BLD-24-003		1,000,000	16,250,000	5,895,000		23,145,000
Municipal Buildings Total		7,440,000	2,945,000	16,350,000	5,895,000		32,630,000
Operating/Construction Equipment							
Ladder Truck Replacement	OEC 23-001					2,495,000	2,495,000
Operating/Construction Equipment Total						2,495,000	2,495,000
Park Facilities							
Annual Park Development Program	PRK-00-002	820,000	470,000	495,000	520,000	545,000	2,850,000
Hawkeye Park Tennis Courts Reconstruction	PRK-18-003		850,000				850,000
High Trestle Trail Experience Park	PRK-22-005	924,000		1,000,000		1,000,000	2,924,000
Sunrise Park Parking Lot Overlay	PRK-24-001		150,000				150,000
Prairie Ridge Sports Complex N Parking Lot Overlay	PRK-24-002			1,870,000			1,870,000
Park Facilities Total		1,744,000	1,470,000	3,365,000	520,000	1,545,000	8,644,000
Sanitary Sewers							
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,650,000				1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000				1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	425,000				750,000
Clover Ridge Trunk Sewer Extension	SNS-22-003		105,000	846,000			951,000
Polk County Lift Station Decommissioning	SNS-22-004		154,000	1,672,000			1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002			12,000	118,000		130,000
Deer Creek Trunk Sewer Extension	SNS-23-003				216,000	2,009,000	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000					730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000					2,275,000
Sanitary Sewers Total		5,476,000	4,007,000	3,875,000	1,729,000	3,454,000	18,541,000

Category	Project #	2024	2025	2026	2027	2028	Total
Sidewalks/Trails							
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	575,000	575,000	575,000	575,000	2,875,000
Sidewalks/Trails Total		575,000	575,000	575,000	575,000	575,000	2,875,000
Storm Water							
Annual Storm Water Replacement Program	STM-00-001	450,000	450,000	450,000	450,000	500,000	2,300,000
Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000				535,000
Four Mile Creek and Tributary Stabilization	STM-20-001	130,000	2,160,000	1,265,000			3,555,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000	415,000				1,355,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,420,000	1,330,000		2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002		75,000	75,000	1,610,000		1,760,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				160,000	150,000	310,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				270,000	260,000	530,000
Saylor Creek Tributary Channel Improvements	STM-22-005			190,000	210,000	3,400,000	3,800,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				95,000	90,000	185,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	20,000	900,000				920,000
SW Des Moines Street Utility Improvements	STM-24-002	235,000	1,515,000	505,000			2,255,000
Storm Water Total		1,865,000	6,150,000	3,905,000	4,125,000	4,400,000	20,445,000
Streets and Alleys							
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000	375,000	375,000	375,000	1,975,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	4,000,000
Annual Street Replacement Program	STR-00-004	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	5,850,000	150,000				6,000,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003		200,000	500,000	4,700,000		5,400,000
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003			200,000	700,000	7,325,000	8,225,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004				250,000	800,000	1,050,000
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	2,450,000					2,450,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	250,000					250,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	3,425,000					3,425,000
NW Irvinedale Dr and NW 18th St Intersection	STR-21-004	375,000	4,025,000				4,400,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005		125,000	250,000	375,000	3,725,000	4,475,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	400,000	875,000	4,250,000	4,475,000		10,000,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	STR-22-004		100,000	400,000	4,500,000	100,000	5,100,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	500,000	5,700,000	275,000			6,475,000
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002					500,000	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000
SW Magazine & State St Intersection Improvements	STR-23-006	475,000					475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	STR-24-001	200,000	215,000	4,160,000			4,575,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	STR-24-002		150,000	1,050,000			1,200,000
SE Creekview Drive Extension	STR-24-003	2,025,000					2,025,000
Streets and Alleys Total		20,800,000	16,940,000	17,935,000	23,475,000	22,975,000	102,125,000
Traffic Control							
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000		2,565,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	485,000					485,000
Traffic Control Total		2,739,000	1,830,000	1,685,000	2,100,000	1,490,000	9,844,000
Water Mains							
Annual Water Main Replacement Program	WTM-00-001	825,000	800,000	825,000	875,000	925,000	4,250,000
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000

Category	Project #	2024	2025	2026	2027	2028	Total
South Ankeny Boulevard Water Main Improvements	WTM-19-001			128,000	1,172,000		1,300,000
SW Walnut Street and SW Ordnance Road Water Main	WTM-20-002	295,000	2,180,000				2,475,000
NE 36th St and NE 38th St Water Main Loop	WTM-21-009	2,300,000					2,300,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001					60,000	60,000
Water Mains Total		4,024,000	2,980,000	953,000	2,047,000	985,000	10,989,000
Water Towers/Storage							
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001				90,000	1,187,000	1,277,000
East Water Tower	WTT-24-001		400,000	10,400,000			10,800,000
Water Towers/Storage Total		12,021,000	400,000	10,400,000	90,000	1,187,000	24,098,000
GRAND TOTAL		57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
 2024 thru 2028

PROJECTS BY YEAR

Project Name	Department	Project #	Project Cost
2024			
Community Entrance Signs	Administration	BLD-18-002	50,000
Fire Station No. 4	Administration	BLD-20-002	6,810,000
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	50,000
Otter Creek Golf Course Clubhouse Renovations	Parks and Recreation	BLD-24-001	200,000
East of Interstate 35 Land Acquisition	Administration	BLD-24-002	330,000
NE 62nd Street RCB Culvert for Four Mile Tributary	Public Works	BRG-23-001	700,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	820,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	924,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,355,000
SE 3rd Street Trunk Sewer Extension	Sewer Utility	SNS-20-002	791,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	325,000
Fire Station No. 4 Sanitary Sewer	Sewer Utility	SNS-24-001	730,000
Four Mile Creek Trunk Sewer - Phase 2	Sewer Utility	SNS-24-002	2,275,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Sawgrass Park Dam Improvements	Storm Water Utility	STM-19-004	90,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	130,000
SE 3rd Street Area Trunk Storm Sewer Improvements	Storm Water Utility	STM-20-006	940,000
NW 17th St Storm Sewer and Pavement Improvements	Storm Water Utility	STM-24-001	20,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	235,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,650,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	475,000
Annual Pavement Preservation Program	Public Works	STR-00-003	700,000
Annual Street Replacement Program	Public Works	STR-00-004	1,875,000
NE Delaware Avenue Reconstruction-5th to 18th	Public Works	STR-14-006	5,850,000
NW 36th St and NW Weigel Dr Asphalt Overlay	Public Works	STR-19-004	2,450,000
SW Oralabor Rd and SW Edgewood Ln Intersection	Public Works	STR-19-006	250,000
SW Oralabor Rd and SW State St Intersection	Public Works	STR-20-008	3,425,000
NW Irvindale Dr and NW 18th St Intersection	Public Works	STR-21-004	375,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	400,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	150,000
SW Magazine & State St Intersection Improvements	Public Works	STR-23-006	475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	200,000
SE Creekview Drive Extension	Public Works	STR-24-003	2,025,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,604,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	650,000
SE Corporate Woods and Crosswinds Traffic Signal	Public Works	TRF-23-002	485,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	825,000
Saylorville Feeder Main Purchase Capacity	Water Utility	WTM-17-008	604,000
SW Walnut Street and SW Ordnance Road Water Main	Water Utility	WTM-20-002	295,000
NE 36th St and NE 38th St Water Main Loop	Water Utility	WTM-21-009	2,300,000
Northwest Water Tower	Water Utility	WTT-19-002	11,295,000
SE Magazine Ground Storage Tank Repaint	Water Utility	WTT-20-002	726,000

Project Name	Department	Project #	Project Cost
Total for 2024			57,384,000
2025			
Community Entrance Signs	Administration	BLD-18-002	100,000
Fire Station No. 4	Administration	BLD-20-002	1,370,000
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	475,000
Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	1,000,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	475,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	470,000
Hawkeye Park Tennis Courts Reconstruction	Parks and Recreation	PRK-18-003	850,000
Sunrise Park Parking Lot Overlay	Parks and Recreation	PRK-24-001	150,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,320,000
Otter Creek Trunk Sewer-Phase 4	Sewer Utility	SNS-12-001	1,650,000
SE 3rd Street Trunk Sewer Extension	Sewer Utility	SNS-20-002	353,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	425,000
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	105,000
Polk County Lift Station Decommissioning	Sewer Utility	SNS-22-004	154,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Sawgrass Park Dam Improvements	Storm Water Utility	STM-19-004	445,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	2,160,000
SE 3rd Street Area Trunk Storm Sewer Improvements	Storm Water Utility	STM-20-006	415,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	190,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	75,000
NW 17th St Storm Sewer and Pavement Improvements	Storm Water Utility	STM-24-001	900,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	1,515,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,675,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	750,000
Annual Street Replacement Program	Public Works	STR-00-004	1,675,000
NE Delaware Avenue Reconstruction-5th to 18th	Public Works	STR-14-006	150,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	200,000
NW Irvinedale Dr and NW 18th St Intersection	Public Works	STR-21-004	4,025,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	125,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	875,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	100,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	5,700,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	925,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	215,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	Public Works	STR-24-002	150,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,025,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	805,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	800,000
SW Walnut Street and SW Ordinance Road Water Main	Water Utility	WTM-20-002	2,180,000
East Water Tower	Water Utility	WTT-24-001	400,000
Total for 2025			37,772,000
2026			
Community Entrance Signs	Administration	BLD-18-002	100,000
Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	16,250,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	400,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	140,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	495,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	1,000,000
Prairie Ridge Sports Complex N Parking Lot Overlay	Parks and Recreation	PRK-24-002	1,870,000

Project Name	Department	Project #	Project Cost
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,345,000
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	846,000
Polk County Lift Station Decommissioning	Sewer Utility	SNS-22-004	1,672,000
SW Irvinedale Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	12,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	1,265,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,420,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	75,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	190,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	505,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,750,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	800,000
Annual Street Replacement Program	Public Works	STR-00-004	1,800,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	500,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	200,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	250,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	4,250,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	400,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	275,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	2,125,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	4,160,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	Public Works	STR-24-002	1,050,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,185,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	500,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	825,000
South Ankeny Boulevard Water Main Improvements	Water Utility	WTM-19-001	128,000
East Water Tower	Water Utility	WTT-24-001	10,400,000
Total for 2026			59,583,000

2027

Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	5,895,000
SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	55,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	2,250,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	1,250,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	520,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,395,000
SW Irvinedale Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	118,000
Deer Creek Trunk Sewer Extension	Sewer Utility	SNS-23-003	216,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,330,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	1,610,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	160,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	270,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	210,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	95,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,850,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	850,000
Annual Street Replacement Program	Public Works	STR-00-004	1,900,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	4,700,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	700,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	250,000

Project Name	Department	Project #	Project Cost
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	375,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	4,475,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	4,500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	3,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,490,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	610,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	875,000
South Ankeny Boulevard Water Main Improvements	Water Utility	WTM-19-001	1,172,000
SW Irvinedale Elevated Storage Tank Repair	Water Utility	WTT-23-001	90,000
Total for 2027			44,111,000

2028

SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	385,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	6,525,000
Ladder Truck Replacement	Fire	OEC 23-001	2,495,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	545,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	1,000,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,445,000
Deer Creek Trunk Sewer Extension	Sewer Utility	SNS-23-003	2,009,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	500,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	150,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	260,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	3,400,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	90,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,950,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	900,000
Annual Street Replacement Program	Public Works	STR-00-004	2,000,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	7,325,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	800,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	3,725,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	100,000
NE Delaware Reconstruction-Four Mile to NE 36th	Public Works	STR-23-002	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	5,300,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,490,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	925,000
SW Linden and SW Sharmin Water Main Improvements	Water Utility	WTM-24-001	60,000
SW Irvinedale Elevated Storage Tank Repair	Water Utility	WTT-23-001	1,187,000
Total for 2028			46,016,000

GRAND TOTAL

244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
2024 thru 2028

FUNDING SOURCE SUMMARY

Source	2024	2025	2026	2027	2028	Total
Capital Project Fund	4,832,752	860,000	720,000	1,714,000	170,000	8,296,752
Capital Reserve Fund	6,765,000	1,370,000				8,135,000
County Contributions	150,000	50,000				200,000
FHWA/IDOT Grants	1,712,500	3,950,000	300,000	4,100,000	5,300,000	15,362,500
G.O. Bonds	16,150,600	16,162,000	15,185,000	15,835,000	24,515,000	87,847,600
G.O. Bonds - RUT Abated		506,499	8,230,602	2,985,809		11,722,910
G.O. Bonds - Sewer Abated		324,974	5,280,831	1,915,723		7,521,528
G.O. Bonds - Storm Water Abated	846,733	2,648,000	2,049,633	3,055,000	3,285,000	11,884,366
G.O. Bonds - TIF Abated	400,000	1,320,000	3,216,750	6,607,750	2,285,000	13,829,500
G.O. Bonds - Water Abated		168,527	2,738,567	993,468		3,900,562
Hotel/Motel Tax Fund	295,000	100,000	600,000		500,000	1,495,000
MPO/STBG Grants	1,973,748		1,423,250	1,423,250	2,440,000	7,260,248
Other Grants		1,120,000	1,168,700	220,000	715,000	3,223,700
Otter Creek Golf Course Fund	200,000					200,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Private Contributions	1,270,000					1,270,000
Road Use Tax Fund	1,449,000	785,000	350,000	350,000	350,000	3,284,000
Sewer Fund	4,374,334	4,017,000	4,810,834	1,634,000	3,409,000	18,245,168
Special Assessments			200,000	290,000		490,000
Storm Water Fund	800,000	800,000	850,000	850,000	900,000	4,200,000
Water Fund	844,333	1,230,000	1,830,833	865,000	800,000	5,570,166
Water Revenue Bonds	15,220,000	2,260,000	10,528,000	1,172,000	1,247,000	30,427,000
GRAND TOTAL	57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
 2024 thru 2028

PROJECTS BY FUNDING SOURCE

Source	Project #	2024	2025	2026	2027	2028	Total
Capital Project Fund							
Community Entrance Signs	BLD-18-002	48,000					48,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	40,000				90,000
High Trestle Trail Experience Park	PRK-22-005	631,000					631,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	355,000	220,000	145,000	95,000	45,000	860,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	275,000				600,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	500,000					500,000
Annual Storm Water Replacement Program	STM-00-001	50,000	50,000				100,000
Annual Asphalt Street Resurfacing Program	STR-00-002	100,000					100,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003		200,000	500,000	1,519,000		2,219,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	50,000					50,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	2,598,752					2,598,752
Annual Water Main Replacement Program	WTM-00-001	125,000	75,000	75,000	100,000	125,000	500,000
Capital Project Fund Total		4,832,752	860,000	720,000	1,714,000	170,000	8,296,752
Capital Reserve Fund							
Fire Station No. 4	BLD-20-002	6,600,000	1,370,000				7,970,000
East of Interstate 35 Land Acquisition	BLD-24-002	165,000					165,000
Capital Reserve Fund Total		6,765,000	1,370,000				8,135,000
County Contributions							
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	150,000					150,000
Annual Traffic Signal Improvement Program	TRF-00-001		50,000				50,000
County Contributions Total		150,000	50,000				200,000
FHWA/IDOT Grants							
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	250,000					250,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003				1,250,000		1,250,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	150,000					150,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	352,500					352,500
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005					1,000,000	1,000,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	35,000	3,750,000				3,785,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005		200,000	300,000	2,850,000	4,300,000	7,650,000
SE Creekview Drive Extension	STR-24-003	925,000					925,000
FHWA/IDOT Grants Total		1,712,500	3,950,000	300,000	4,100,000	5,300,000	15,362,500
G.O. Bonds							
Fire Station No. 4	BLD-20-002	210,000					210,000
SE Frisk Drive RCB Culvert for Four Mile Creek	BRG-20-001				55,000	385,000	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002		475,000	400,000	2,250,000	4,525,000	7,650,000

Source	Project #	2024	2025	2026	2027	2028	Total
NE 62nd Street RCB Culvert for Four Mile Tributary	BRG-23-001	700,000					700,000
Ladder Truck Replacement	OEC 23-001					2,495,000	2,495,000
Annual Park Development Program	PRK-00-002	720,000	370,000	395,000	420,000	445,000	2,350,000
Hawkeye Park Tennis Courts Reconstruction	PRK-18-003		850,000				850,000
Sunrise Park Parking Lot Overlay	PRK-24-001		150,000				150,000
Prairie Ridge Sports Complex N Parking Lot Overlay	PRK-24-002			1,870,000			1,870,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	225,000	225,000	225,000	225,000	225,000	1,125,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	11,600	522,000				533,600
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000	375,000	375,000	375,000	1,875,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	4,000,000
Annual Street Replacement Program	STR-00-004	875,000	1,675,000	1,800,000	1,900,000	2,000,000	8,250,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	4,100,000	150,000				4,250,000
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003				410,000	7,325,000	7,735,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004				250,000	800,000	1,050,000
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	2,300,000					2,300,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	50,000					50,000
NW Irvinedale Dr and NW 18th St Intersection	STR-21-004	375,000	4,025,000				4,400,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	STR-22-004		100,000	400,000	4,500,000	100,000	5,100,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	465,000	1,950,000	275,000			2,690,000
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002					500,000	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	150,000	725,000		650,000	1,000,000	2,525,000
SW Magazine & State St Intersection Improvements	STR-23-006	475,000					475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	STR-24-001	200,000	215,000	4,160,000			4,575,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	STR-24-002		150,000	1,050,000			1,200,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,514,000	975,000	1,185,000	1,490,000	1,490,000	6,654,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000		2,565,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	405,000					405,000

G.O. Bonds Total

16,150,600	16,162,000	15,185,000	15,835,000	24,515,000	87,847,600
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G.O. Bonds - RUT Abated

Public Works Maintenance Facility Expansion	BLD-24-003	506,499	8,230,602	2,985,809	11,722,910
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G.O. Bonds - RUT Abated Total

506,499	8,230,602	2,985,809	11,722,910
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G.O. Bonds - Sewer Abated

Public Works Maintenance Facility Expansion	BLD-24-003	324,974	5,280,831	1,915,723	7,521,528
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G.O. Bonds - Sewer Abated Total

324,974	5,280,831	1,915,723	7,521,528
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G.O. Bonds - Storm Water Abated

Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000			535,000
Four Mile Creek and Tributary Stabilization	STM-20-001	130,000	1,040,000	596,300		1,766,300
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	540,000	15,000			555,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,020,000	930,000	2,140,000
Diamond Hills Greenway Stream Stabilization	STM-22-002		75,000	75,000	1,610,000	1,760,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				95,000	90,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				165,000	155,000
Saylor Creek Tributary Channel Improvements	STM-22-005			190,000	210,000	3,000,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				45,000	40,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	8,400	378,000			386,400
SW Des Moines Street Utility Improvements	STM-24-002	78,333	505,000	168,333		751,666

Source	Project #	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated Total		846,733	2,648,000	2,049,633	3,055,000	3,285,000	11,884,366
G.O. Bonds - TIF Abated							
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004			140,000	1,250,000		1,390,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003				1,931,000		1,931,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005		125,000	250,000	375,000	2,285,000	3,035,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	400,000	875,000	2,826,750	3,051,750		7,153,500
SW Walnut Street and SW Ordnanace Road Water Main	WTM-20-002		320,000				320,000
G.O. Bonds - TIF Abated Total		400,000	1,320,000	3,216,750	6,607,750	2,285,000	13,829,500
G.O. Bonds - Water Abated							
Public Works Maintenance Facility Expansion	BLD-24-003		168,527	2,738,567	993,468		3,900,562
G.O. Bonds - Water Abated Total			168,527	2,738,567	993,468		3,900,562
Hotel/Motel Tax Fund							
Community Entrance Signs	BLD-18-002	2,000	100,000	100,000			202,000
High Trestle Trail Experience Park	PRK-22-005	293,000		500,000		500,000	1,293,000
Hotel/Motel Tax Fund Total		295,000	100,000	600,000		500,000	1,495,000
MPO/STBG Grants							
NE 18th Street Bridge over Interstate 35	BRG-22-002					2,000,000	2,000,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	1,500,000					1,500,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	473,748					473,748
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005					440,000	440,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003			1,423,250	1,423,250		2,846,500
MPO/STBG Grants Total		1,973,748		1,423,250	1,423,250	2,440,000	7,260,248
Other Grants							
High Trestle Trail Experience Park	PRK-22-005			500,000		500,000	1,000,000
Four Mile Creek and Tributary Stabilization	STM-20-001		1,120,000	668,700			1,788,700
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				65,000	60,000	125,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				105,000	105,000	210,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				50,000	50,000	100,000
Other Grants Total			1,120,000	1,168,700	220,000	715,000	3,223,700
Otter Creek Golf Course Fund							
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000					200,000
Otter Creek Golf Course Fund Total		200,000					200,000
Park Dedication Fund							
Annual Park Development Program	PRK-00-002	100,000	100,000	100,000	100,000	100,000	500,000
Park Dedication Fund Total		100,000	100,000	100,000	100,000	100,000	500,000

Source	Project #	2024	2025	2026	2027	2028	Total
Private Contributions							
SE Creekview Drive Extension	STR-24-003	1,100,000					1,100,000
Annual Traffic Signal Improvement Program	TRF-00-001	90,000					90,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	80,000					80,000
Private Contributions Total		1,270,000					1,270,000
Road Use Tax Fund							
Public Works Satellite Salt Storage Facility	BLD-21-002		435,000				435,000
East of Interstate 35 Land Acquisition	BLD-24-002	99,000					99,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	350,000	350,000	350,000	350,000	350,000	1,750,000
Annual Street Replacement Program	STR-00-004	1,000,000					1,000,000
Road Use Tax Fund Total		1,449,000	785,000	350,000	350,000	350,000	3,284,000
Sewer Fund							
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000	6,000,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,650,000				1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000				1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001		150,000				150,000
Clover Ridge Trunk Sewer Extension	SNS-22-003		105,000	846,000			951,000
Polk County Lift Station Decommissioning	SNS-22-004		154,000	1,672,000			1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002			12,000	118,000		130,000
Deer Creek Trunk Sewer Extension	SNS-23-003				216,000	2,009,000	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000					730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	1,775,000					1,775,000
SW Des Moines Street Utility Improvements	STM-24-002	78,334	505,000	168,334			751,668
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005			912,500			912,500
Sewer Fund Total		4,374,334	4,017,000	4,810,834	1,634,000	3,409,000	18,245,168
Special Assessments							
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003			200,000	290,000		490,000
Special Assessments Total				200,000	290,000		490,000
Storm Water Fund							
Annual Storm Water Replacement Program	STM-00-001	400,000	400,000	450,000	450,000	500,000	2,200,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	400,000	400,000				800,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001			400,000	400,000		800,000
Saylor Creek Tributary Channel Improvements	STM-22-005					400,000	400,000
Storm Water Fund Total		800,000	800,000	850,000	850,000	900,000	4,200,000
Water Fund							
East of Interstate 35 Land Acquisition	BLD-24-002	66,000					66,000
SW Des Moines Street Utility Improvements	STM-24-002	78,333	505,000	168,333			751,666
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005			912,500			912,500
Annual Water Main Replacement Program	WTM-00-001	700,000	725,000	750,000	775,000	800,000	3,750,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001				90,000		90,000

Source	Project #	2024	2025	2026	2027	2028	Total
Water Fund Total		844,333	1,230,000	1,830,833	865,000	800,000	5,570,166
Water Revenue Bonds							
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000
South Ankeny Boulevard Water Main Improvements	WTM-19-001			128,000	1,172,000		1,300,000
SW Walnut Street and SW Ordinance Road Water Main	WTM-20-002	295,000	1,860,000				2,155,000
NE 36th St and NE 38th St Water Main Loop	WTM-21-009	2,300,000					2,300,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001					60,000	60,000
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001					1,187,000	1,187,000
East Water Tower	WTT-24-001		400,000	10,400,000			10,800,000
Water Revenue Bonds Total		15,220,000	2,260,000	10,528,000	1,172,000	1,247,000	30,427,000
GRAND TOTAL		57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

Section 4

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration
Contact Assistant City Manager
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-18-002
Project Name	Community Entrance Signs

Description
The two large welcome signs along Interstate 35 were constructed in 2018. Landscaping around the two interstate signs was completed in 2019. Additional smaller signs were planned for future construction. Assuming 8 smaller signs are constructed: •A feasibility study with final council approval of sign locations will need to be completed. •Property acquisitions/permits will need to be obtained with Iowa DOT approvals in certain locations. •Four signs will be completed in each of two years after design, approvals and easement acquisitions as needed.
Justification
The installation of welcome signs was identified by the city council as a priority during previous strategic planning sessions (prior to 2022). As a first phase of meeting this objective, the two large scale Interstate 35 signs were built. Additional smaller-scale signs were planned for future consideration pending council authorization. This planning effort will need to once again be vetted prior to work proceeding. These smaller signs are anticipated to be placed at the corporate limits on some of the state highways and county collector routes. These signs will showcase and promote our successful city.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs		100,000	100,000			200,000
Planning Study	50,000					50,000
Total	50,000	100,000	100,000			250,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	48,000					48,000
Hotel/Motel Tax Fund	2,000	100,000	100,000			202,000
Total	50,000	100,000	100,000			250,000

Budget Impact/Other						
The two large interstate signs require electric service and a minor amount of landscaping maintenance each year. The other eight signs will require minor landscaping maintenance each year.						
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		750	1,500	1,500	1,500	5,250
Utilities		150	300	300	300	1,050
Total		900	1,800	1,800	1,800	6,300

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration

Contact Assistant City Manager

Project # BLD-18-002

Project Name Community Entrance Signs



city of
Ankeny

bringing it all together

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration

Contact Assistant City Manager

Type New Construction

Useful Life 40 years

Category Municipal Buildings

Project # BLD-20-002

Project Name Fire Station No. 4

Description

This project builds the community's fourth fire station to serve continued growth and service level needs. The station utilizes the same basic design as existing Fire Station No. 2 and 3. The new station will be located approximately 1,500 feet north of the intersection of NW Weigel Drive and NW 18th Street (west side of the road). The design for the new fire station will be completed by the end of CY 2023 with the expectation to bid the project over the winter and initiate construction during the spring of 2024. The project schedule anticipates more than 18 months for construction based upon the current environment for completing building projects on time. Full occupancy will occur by January 1, 2026.

Justification

The City of Ankeny continues to experience strong commercial and residential growth. A large percentage of new residential construction is occurring within the northwest quadrant of the City. Past experience across the United States shows that residential buildings represent the highest risk to the community for both fire injuries and deaths. Additionally, the successful response to medical emergencies is most effective when paramedics arrive within five minutes of the 911 call for service. As this rapid growth continues over the next several years, call volume and the travel time for emergency vehicles to answer emergency calls for service in northwest Ankeny from the existing fire stations in the center of town and the northeast quadrant also continue to increase.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	70,000	30,000				100,000
Construction Costs	6,198,750	798,750				6,997,500
Other Costs	541,250	541,250				1,082,500
Total	6,810,000	1,370,000				8,180,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Reserve Fund	6,600,000	1,370,000				7,970,000
G.O. Bonds	210,000					210,000
Total	6,810,000	1,370,000				8,180,000

Budget Impact/Other

The new building will require the purchase of a fire engine and ambulance as well as furniture, fixtures and equipment (FF&E) for use by City employees. There will also be regular maintenance and repairs needed after the warranty period from the building contractor expires. There will be monthly charges for services from utilities, such as electric, natural gas, garbage pickup, fiber optic internet access, cable tv, etc. The exact costs for these services will be determined when the new building is designed. The impact on 911 emergency response time in the northwest area of the City will be improved when the new fire station is opened, equipped and staffed with trained personnel.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			4,000	4,120	4,244	12,364
Utilities		2,000	6,000	6,180	6,365	20,545
Total		2,000	10,000	10,300	10,609	32,909

City of Ankeny, Iowa

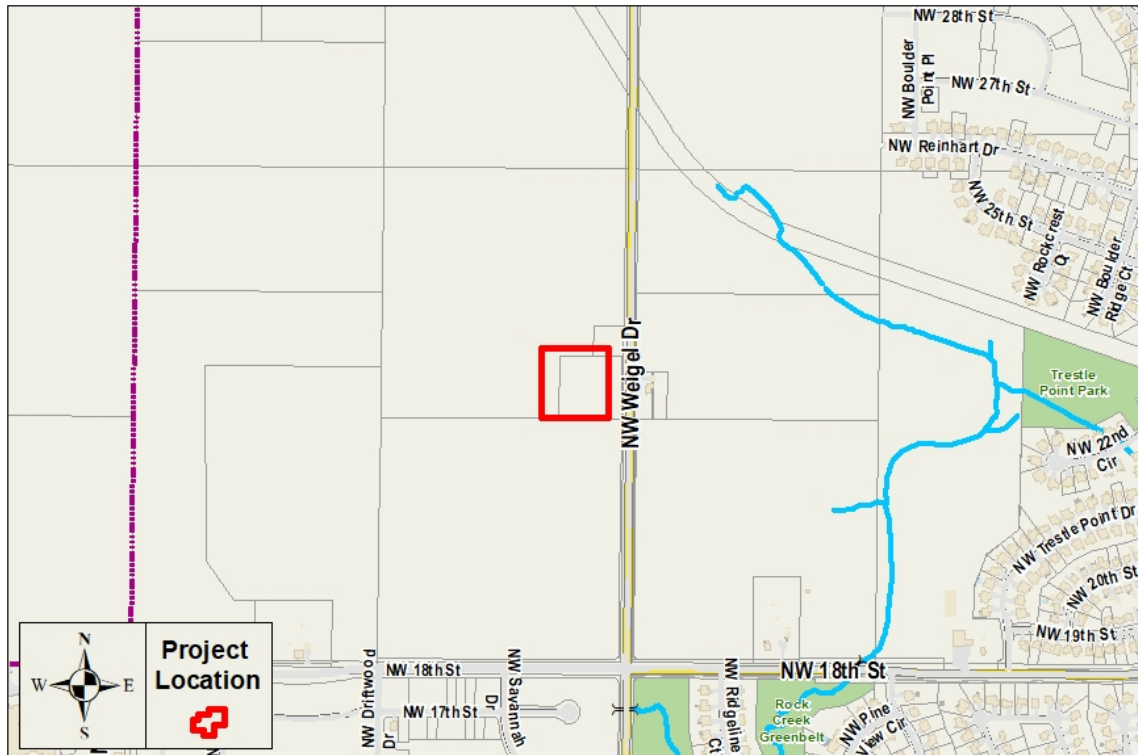
2024 *thru* 2028

Department Administration

Contact Assistant City Manager

Project # **BLD-20-002**

Project Name **Fire Station No. 4**



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-21-002
Project Name	Public Works Satellite Salt Storage Facility

Description

Design and construction of a structure to store salt material for use with winter maintenance operations. The facility will be located on the property owned by the City where the Northwest Water Tower will be constructed – near the intersection of NW Irvinedale Drive and NW 36th Street. The structure will likely consist of a concrete block building enclosure with a hoop roof structure. The facility would be large enough to provide interior storage of up to 4,000 tons of salt material. The facility would also include a paved pad in front for material handling. The sitework needed for the facility will be completed with the Northwest Water Tower sitework. The salt storage facility would be constructed after the Northwest Water Tower is completed.

Justification

The City continues to experience strong residential growth, and a large percentage of the overall growth is occurring in the northwest quadrant of the City. As this growth continues, having a satellite salt storage facility on the north side of the City will maintain and improve the efficiency and effectiveness of our snow removal operations. The north side snow plow routes are becoming increasingly less efficient due to the amount of time it takes to travel from the maintenance facility to the north side snow plow routes in order to replenish the salt supply in the snow plow trucks.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	50,000					50,000
Construction Costs		475,000				475,000
Total	50,000	475,000				525,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000	40,000				90,000
Road Use Tax Fund		435,000				435,000
Total	50,000	475,000				525,000

Budget Impact/Other

There will be additional lighting costs and minimal building upkeep needed.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			300	300	300	900
Utilities			200	200	200	600
Total			500	500	500	1,500

2024 - 2028 Capital Improvement Program

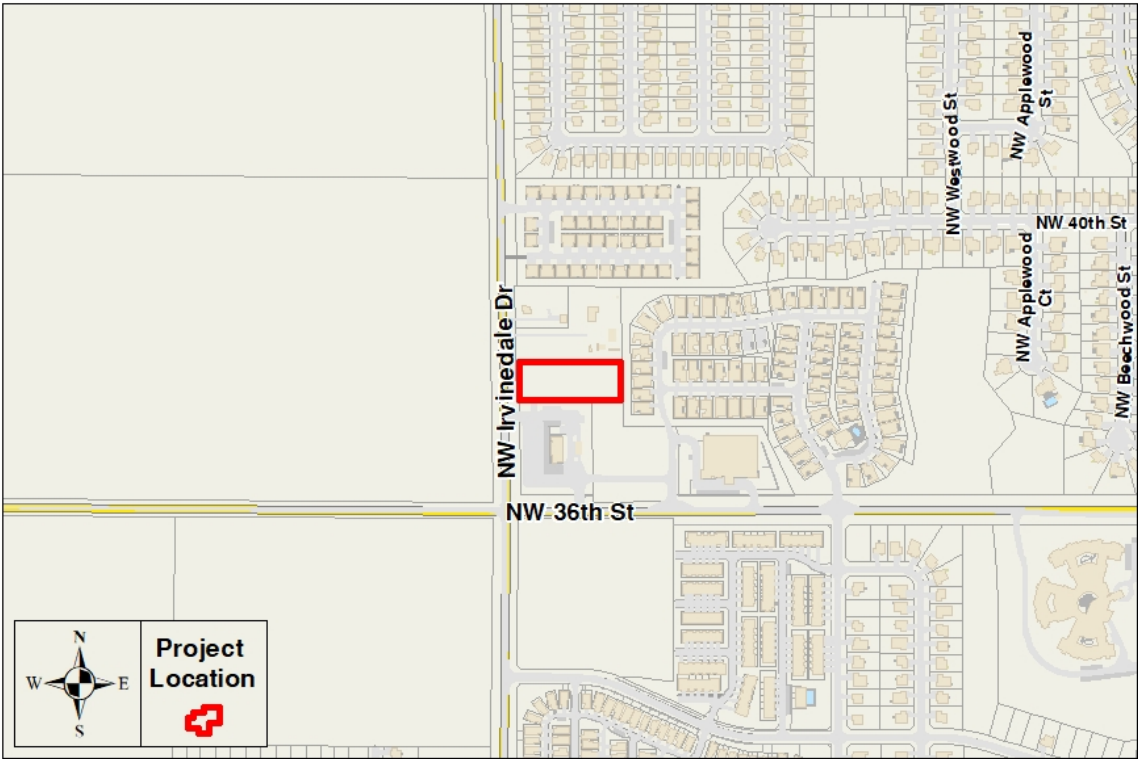
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project #	BLD-21-002
Project Name	Public Works Satellite Salt Storage Facility



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Municipal Buildings

Project #	BLD-24-001
Project Name	Otter Creek Golf Course Clubhouse Renovations

Description
Otter Creek Golf Course Clubhouse Renovations

Justification
Since opening in 2009, the Otter Creek Golf Course Clubhouse has witnessed tremendous use as Ankeny’s only public course. The Pro Shop, Tin Cup and Pinnacle Club annually host over 40,000 patrons at the facility. Normal wear-and-tear on the carpet, paint and other amenities are now showing and need to be updated. The majority of the renovations include new paint and carpet for the banquet area, pre-function room and restaurant. Additional improvements include window covering repairs, entry/exterior door replacement and banquet door exterior replacement. Currently, the clubhouse does not have ADA accessible doors and these improvements would provide one set at each end of the facility. The improvements are being target to take place December 2024 – February 2025.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	200,000					200,000
Total	200,000					200,000

Funding Sources	2024	2025	2026	2027	2028	Total
Otter Creek Golf Course Fund	200,000					200,000
Total	200,000					200,000

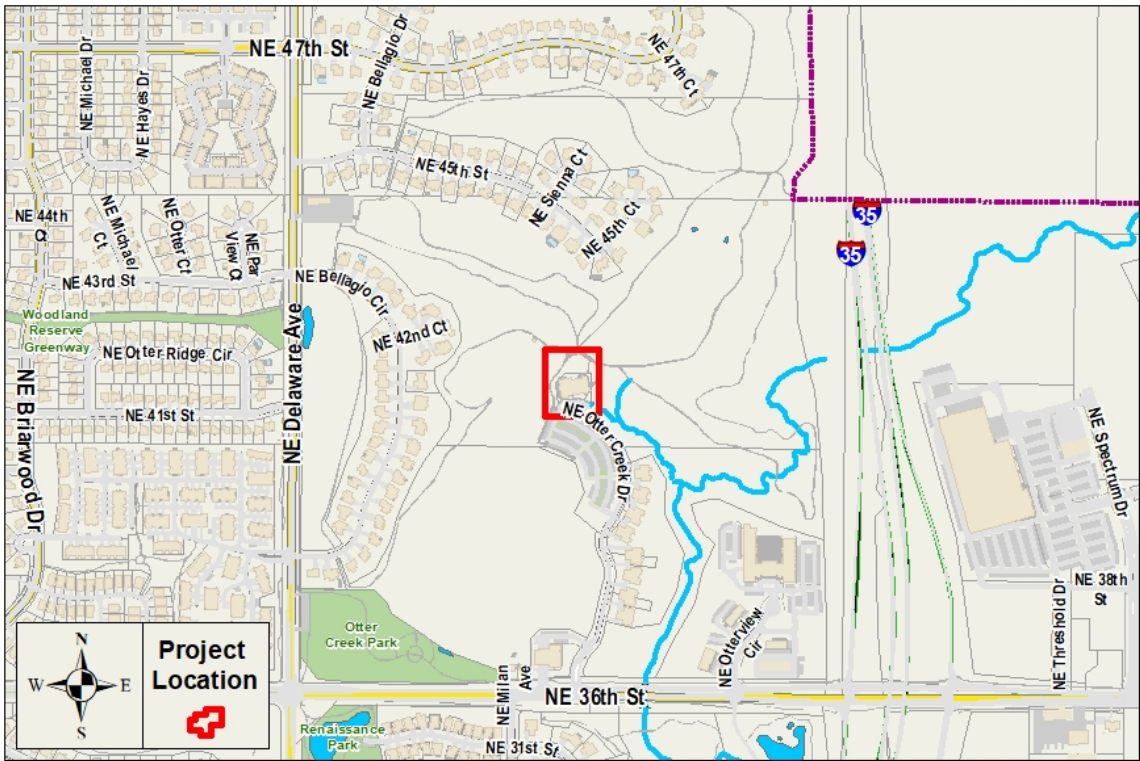
Budget Impact/Other
None, as these improvements are replacement items.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	BLD-24-001
Project Name	Otter Creek Golf Course Clubhouse Renovations



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration
Contact Assistant City Manager
Type Purchase
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-24-002
Project Name	East of Interstate 35 Land Acquisition

Description

Funds to complete land acquisition east of Interstate 35 for future Fire Station No. 5, the east side water tower, and a public works salt storage facility.

Justification

Ankeny’s growth pattern east of Interstate 35 is steady and continues to require additional levels of service from the City. Property ownership on the east side of Ankeny has changed over significantly over the past few years, and now more growth is anticipated in the near future that include residential and commercial developments. The City will need to establish locations for necessary facilities to serve residents on this side of the community including Fire Station No. 5, a future east side water tower, and a salt storage facility for public works. Acreage will be purchased to accommodate those needs at one location. Funding for the acquisition will be split out based on acreage needs, water (1 acre), public works (1.5 acres), Fire Station No. 5 (2.5 acres).

Expenditures	2024	2025	2026	2027	2028	Total
Legal-General/Spec. Assessment	15,000					15,000
Land/ROW Acquisition	315,000					315,000
Total	330,000					330,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Reserve Fund	165,000					165,000
Road Use Tax Fund	99,000					99,000
Water Fund	66,000					66,000
Total	330,000					330,000

Budget Impact/Other

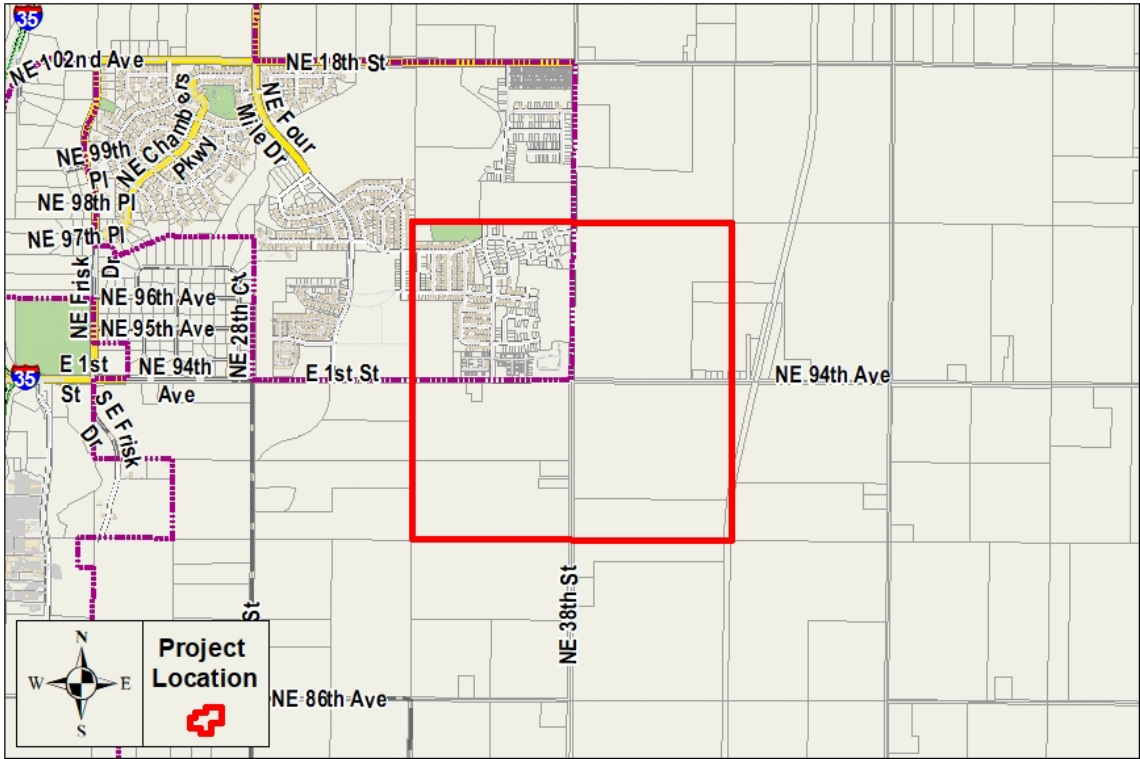
Operating costs would be limited to mowing the property, but could be offset if a farm lease is agreed upon for any portion of property. Due to the unknown nature of the land’s use, this request is submitted as a cost neutral item for the City’s operations.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Administration
Contact Assistant City Manager

Project #	BLD-24-002
Project Name	East of Interstate 35 Land Acquisition



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact Assistant City Manager

Type New Construction

Useful Life 40 years

Category Municipal Buildings

Project # BLD-24-003

Project Name Public Works Maintenance Facility Expansion

Description

Design and construction of a consolidated field services building at the existing public works maintenance facility site. This project will expand upon the existing building foot print to accommodate future growth in equipment and employees. Divisions impacted by the project include Public Works operations, traffic, water, and sanitary sewer.

Justification

Multi-building expansion scheme intended to meet the needs of the current operations at this location (traffic, fleet, streets, and water) along with expansion needs for the sanitary sewer group at the old waste water treatment site. Expansions at the north end of the main building add administrative space and locker room expansions. An additional wash bay is added at the south end. The current maintenance bays would be used for maintenance only and not for storage of vehicles. A large addition to the end of the waterworks maintenance structure is constructed in a single phase to add vehicle storage space for the next 20 years. Design fees are estimated at ~6% for the project.

Projected Construction Costs = \$21,813,000

Projected Design Costs: = \$1,332,000

-Public Works (~51%)

-Sanitary Sewer (~32%)

-Water (~17%)

Projected Total Construction & Design Costs: = \$23,145,000

The project estimate above is provided in CY 2023 dollars and excludes additional costs for land acquisition, site utility infrastructure development costs, design fees, construction observation, or cost escalation. A cost escalation factor of 6% annum is advised, but can be adjusted during subsequent reviews of the CIP, but would likely be estimated at \$24.51 million if constructed in 2026.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		1,000,000				1,000,000
Engineering-Construction Services			250,000	82,000		332,000
Construction Costs			16,000,000	5,813,000		21,813,000
Total		1,000,000	16,250,000	5,895,000		23,145,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - RUT Abated		506,499	8,230,602	2,985,809		11,722,910
G.O. Bonds - Sewer Abated		324,974	5,280,831	1,915,723		7,521,528
G.O. Bonds - Water Abated		168,527	2,738,567	993,468		3,900,562
Total		1,000,000	16,250,000	5,895,000		23,145,000

Budget Impact/Other

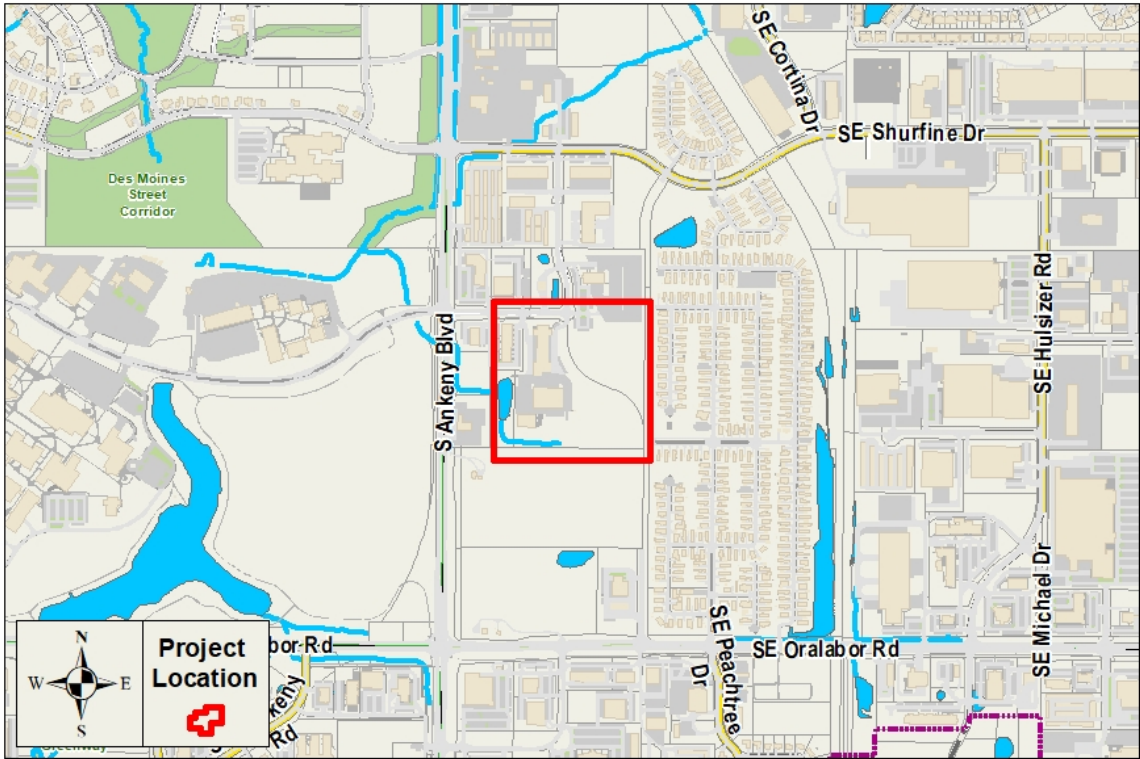
To be determined, however expanding the existing building square footage will carry additional operating impacts for utility expenses. Some of this additional expense will be slightly offset by no longer operating separate wastewater facilities.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact Assistant City Manager

Project #	BLD-24-003
Project Name	Public Works Maintenance Facility Expansion



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Replacement
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-20-001
Project Name	SE Frisk Drive RCB Culvert for Four Mile Creek

Description

This project will replace the existing bridge with a reinforced concrete box (RCB) culvert. The existing bridge is a single span 16-ft. arch bridge constructed of concrete and timber. The bridge is located south of East 1st Street on SE Frisk Drive, spanning a tributary stream to Four Mile Creek. This project includes survey, study, and consultant design engineering services in 2027, and consultant construction engineering services and construction in 2028.

Justification

The 2022 Iowa Structure Inventory and Appraisal conducted by Calhoun-Burns & Associates recommended replacing the bridge within the next several years due to cracks, deterioration, and erosion. This project will replace the existing bridge with a reinforced concrete box (RCB) culvert.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				55,000		55,000
Engineering-Construction Services					35,000	35,000
Construction Costs					350,000	350,000
Total				55,000	385,000	440,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				55,000	385,000	440,000
Total				55,000	385,000	440,000

Budget Impact/Other

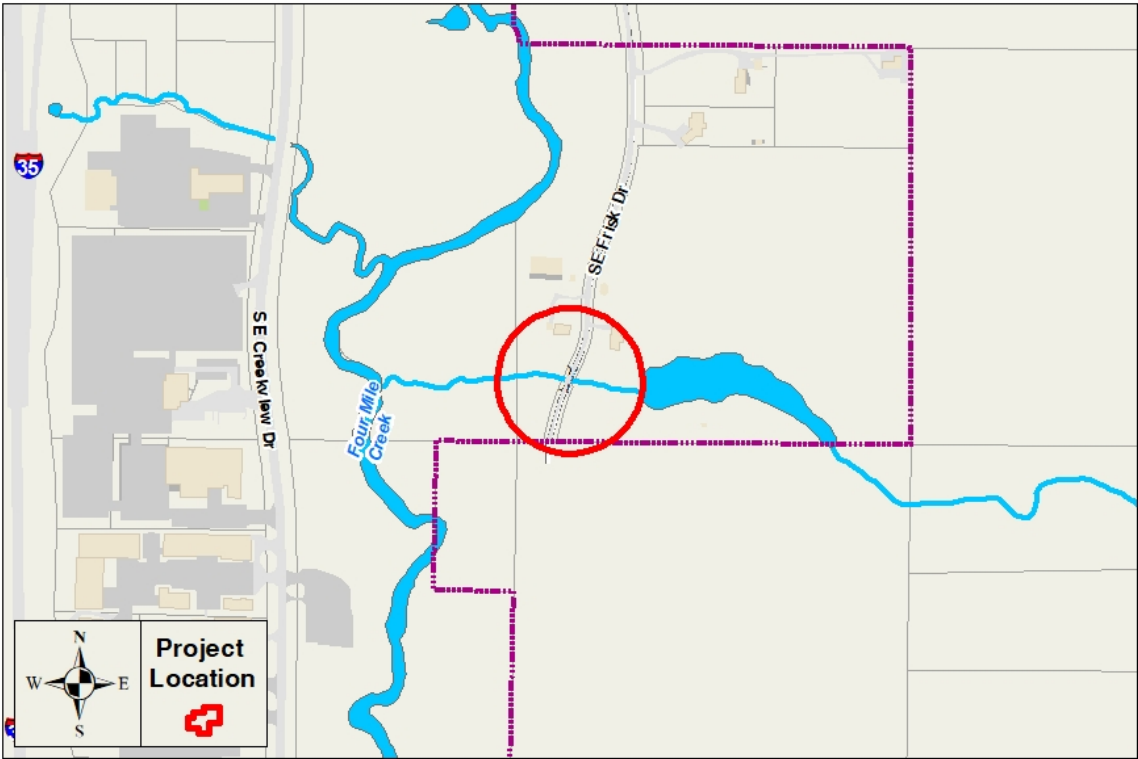
The new RCB culvert will have a negligible impact on the City's maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-20-001
Project Name	SE Frisk Drive RCB Culvert for Four Mile Creek



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 40 years

Category Bridge/Box Culvert

Project # BRG-22-002

Project Name NE 18th Street Bridge over Interstate 35

Description

Reconstruction and extension of NE 18th Street from NE Delaware Avenue across Interstate 35 to approximately 225 feet east of NE Frisk Drive. The new roadway will include a bridge over Interstate 35, a pedestrian bridge over Four Mile Creek, 8-ft. wide sidewalk on the south side, streetlighting, and storm sewer. The existing roadway bridge over Four Mile Creek that was recently replaced by Polk County will be used as constructed.

The overall project would be constructed with three separate bid packages as follows:

- Phase 1 (2027) – vegetation clearing and embankment construction
- Phase 2 (2028) – I-35 bridge construction and Four Mile Creek pedestrian bridge construction
- Phase 3 (2029) – NE 18th Street roadway and storm sewer construction.

The proposed project schedule assumes:

- Topographic survey, initial environmental (NEPA) documentation, and initial preliminary design in 2025
- Additional environmental (NEPA) documentation and additional preliminary design in 2026
- Final design of Phase 1, final design of Phase 2, right-of-way acquisition, construction of Phase 1, and construction engineering of Phase 1 in 2027
- Final design of Phase 3, construction of Phase 2, and construction engineering of Phase 2 in 2028
- Construction of Phase 3 and construction engineering of Phase 3 in 2029.

It is anticipated that all three construction projects would be bid through the Iowa DOT letting process. The City anticipates applying for STBG funding for the bridge project through the Des Moines Area MPO. The City also anticipates requesting funding from the Iowa DOT.

Justification

This street extension and bridge will improve traffic mobility and support the current and anticipated future residential and commercial development in the northeast quadrant of the City to the east of Interstate 35. The Deer Creek residential development located between NE 18th Street and E 1st Street currently has several hundred residential properties, with several hundred more planned. It is anticipated that the Spectrum 36 commercial development located at NE 36th Street to the east of Interstate 35 will contain several big box retail stores, multi-unit strip malls, and restaurants over the next five to ten years. Also, the proposed Pine Lakes Estates development which is north of NE 18th Street, between I-35 and NE Four Mile Drive, is expected to begin the construction of residential lots in 2024. Having another route to access these residential and commercial properties to the east of Interstate 35 is essential to maintain the planned future growth in this area of the City.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		475,000	400,000			875,000
Engineering-Construction Services				525,000	725,000	1,250,000
Construction Costs				1,225,000	5,800,000	7,025,000
Land/ROW Acquisition				500,000		500,000
Total		475,000	400,000	2,250,000	6,525,000	9,650,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		475,000	400,000	2,250,000	4,525,000	7,650,000
MPO/STBG Grants					2,000,000	2,000,000
Total		475,000	400,000	2,250,000	6,525,000	9,650,000

Budget Impact/Other

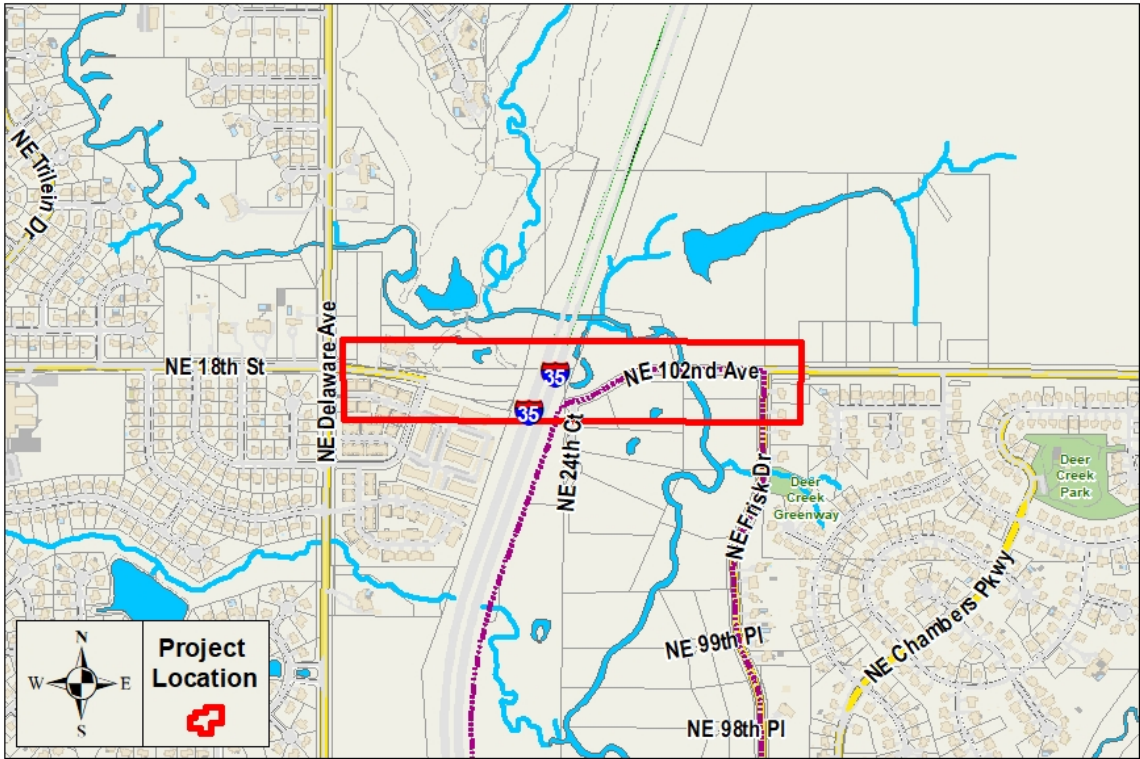
The added public street pavement and 8-ft. sidewalk will increase the maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. The new street lights will result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-22-002
Project Name	NE 18th Street Bridge over Interstate 35



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-22-004
Project Name	NE Spectrum Drive RCB Culvert for Otter Creek

Description
Complete a hydraulic study, design, and construct a new reinforced concrete box (RCB) culvert to accommodate future extension of NE Spectrum Drive across Otter Creek.

Justification
The purpose of the project is to study, design and construct a new RCB culvert(s) to convey flow from Otter Creek under the future NE Spectrum Drive extension. The new RCB culvert(s) will support development east of Interstate 35 from NE 36th Street and north.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			140,000			140,000
Engineering-Construction Services				100,000		100,000
Construction Costs				1,150,000		1,150,000
Total			140,000	1,250,000		1,390,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated			140,000	1,250,000		1,390,000
Total			140,000	1,250,000		1,390,000

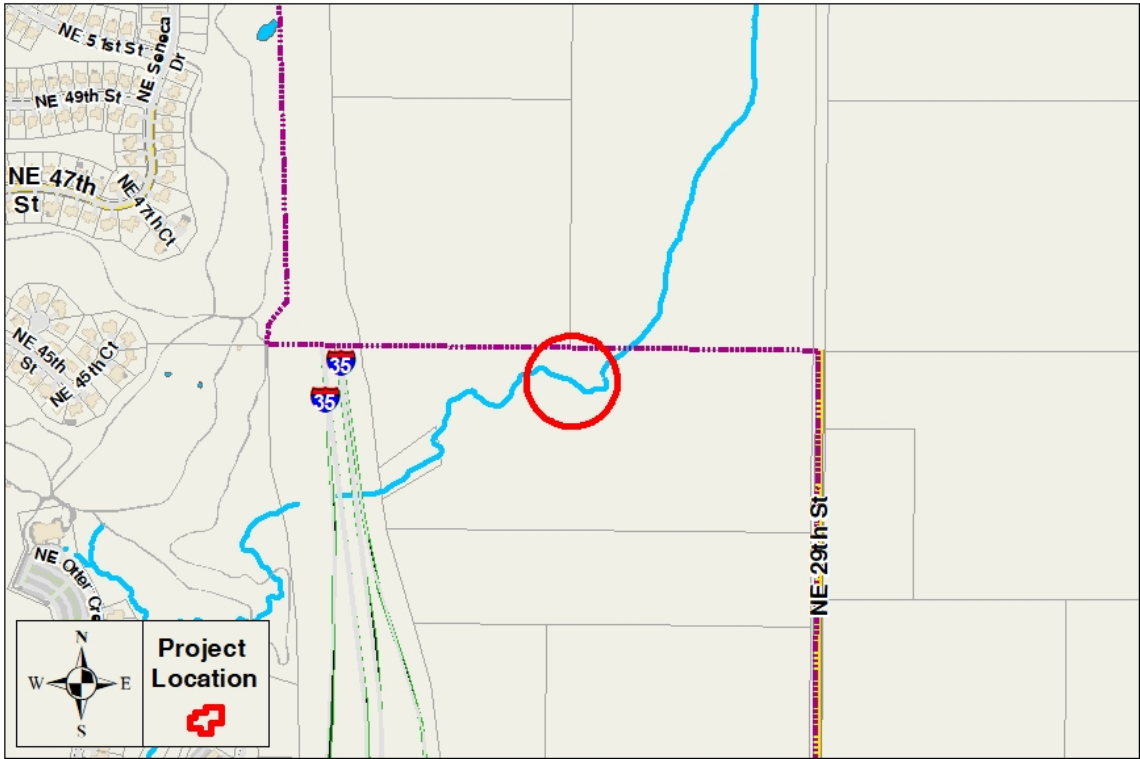
Budget Impact/Other
The new RCB culvert will have a negligible impact on the City’s maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes, following construction.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-22-004
Project Name	NE Spectrum Drive RCB Culvert for Otter Creek



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-23-001
Project Name	NE 62nd Street RCB Culvert for Four Mile Tributary

Description

This project will replace an old farm access culvert with a reinforced concrete box (RCB) culvert. The existing culvert is in poor condition and not rated for typical vehicular traffic. The culvert is located west of NE Delaware Avenue and just east of NE Hillcrest Drive along the future alignment of NE 62nd Street allowing the crossing of an unnamed tributary to Four Mile Creek. This project includes engineering design in 2023, with construction and engineering services in 2024.

Justification

The purpose of this project is to design and construct a new RCB culvert to convey flow from the unnamed tributary of Four Mile Creek under the future NE 62nd Street extension west from NE Delaware Avenue. The new RCB culvert will support development west of NE Delaware Avenue utilizing NE 62nd Street as a future collector level street to connect North Ankeny Boulevard.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	80,000					80,000
Construction Costs	620,000					620,000
Total	700,000					700,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	700,000					700,000
Total	700,000					700,000

Budget Impact/Other

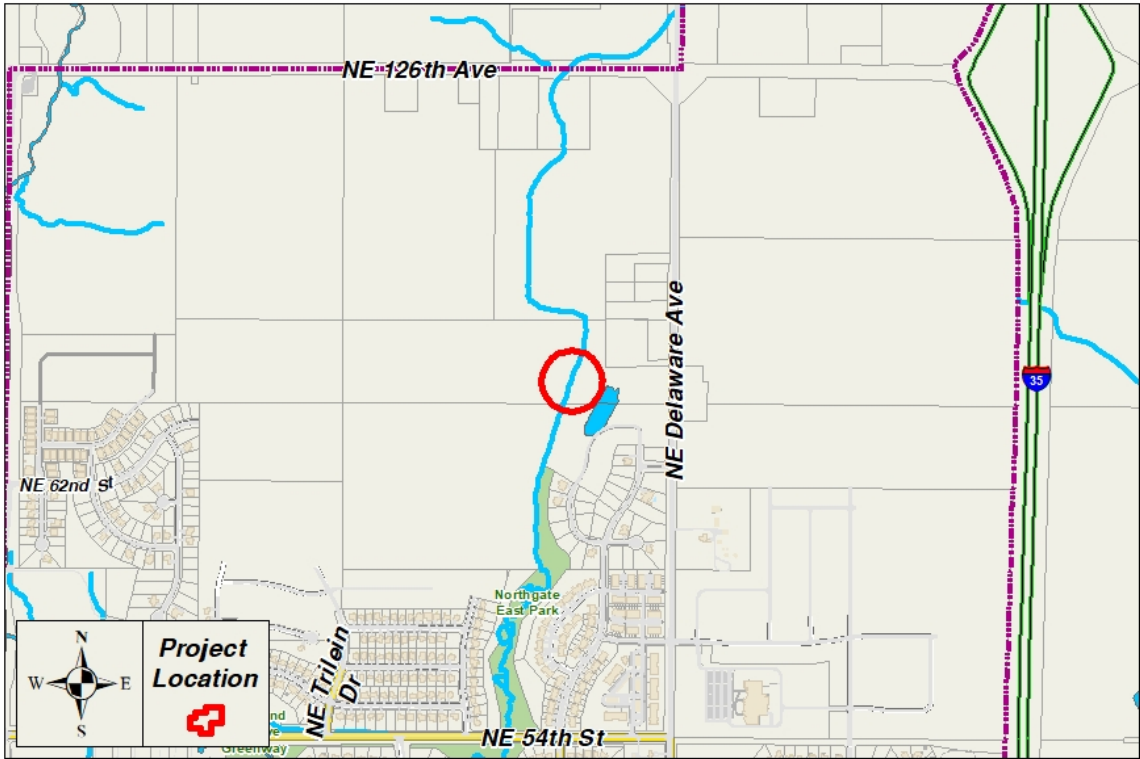
The new RCB culvert will have a negligible impact on the City’s maintenance costs. The RCB culvert(s) will be added to the Annual Bridge Inspection Program for monitoring purposes, following construction.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-23-001
Project Name	NE 62nd Street RCB Culvert for Four Mile Tributary



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Fire
Contact Fire Chief
Type Purchase
Useful Life 20 years
Category Operating/Construction Equip

Project #	OEC 23-001
Project Name	Ladder Truck Replacement

Description
Purchase a replacement ladder truck for the fire department emergency response fleet. This apparatus will be operated from Fire Station No. 1 as the primary fire response vehicle from this location and will include a fire pump and water tank. If approved, we would plan to order the apparatus at the beginning of the FY 2025 budget. We anticipate a manufacturing time of 48-52 months after the signed contract is submitted to the manufacturer (anticipated delivery in the FY 2029 budget year).

Justification
The purpose of this project is to increase the reliability of our single aerial ladder as well as provide the opportunity to optimize the response capabilities of our front-line apparatus. Our current ladder truck suffered significant damage during the 2018 heavy rain event when the apparatus became submerged in flood waters while performing water rescues of stranded citizens. After being repaired from the damage sustained during this event, the apparatus has had a less-than-ideal reliability record.

Expenditures	2024	2025	2026	2027	2028	Total
Vehicle/Equipment					2,495,000	2,495,000
Total					2,495,000	2,495,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds					2,495,000	2,495,000
Total					2,495,000	2,495,000

Budget Impact/Other
A new ladder truck will increase the reliability of our emergency vehicle fleet and address the ongoing maintenance issues with our current aerial apparatus. The new ladder truck will also provide us the opportunity to evaluate how our fleet is utilized for calls for service, optimize response capabilities across all front-line apparatus, and reduce the number of apparatus in the current fleet by consolidating capabilities.
There will be minimal impact on the operating budget as the existing funding should account for the normal maintenance and fuel for this apparatus.
The cost estimate for the new ladder truck is \$2,370,000 with an additional \$125,000 required for radios, MDT, and equipment to outfit the apparatus.

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Fire

Contact Fire Chief

Project # OEC 23-001

Project Name Ladder Truck Replacement



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department	Parks and Recreation
Contact	Parks and Recreation Director
Type	Improvement
Useful Life	20 years
Category	Park Facilities

Project #	PRK-00-002
Project Name	Annual Park Development Program

Description

The Annual Park Development Program consists of improvements to existing park facilities or construction of new parks. Improvements include such amenities as shelters, play structures, picnic amenities, landscaping, etc.

Justification

2024
•Watercrest Park Expansion (8 acres): splash pad, shelter, trail loop, parking lot, landscaping, etc.

2025
•Aspen Ridge Park: playground, trail loop, shelter, etc.

2026
•Kimberley Crossing Park: playground, trail loop, shelter, etc.

2027
•Trestle Ridge Park: playground, High Trestle Trail connection, shelter, etc.

2028
•Des Moines Street Parks - North Park: shelter, turf improvements, etc.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	60,000	47,000	50,000	52,000	54,500	263,500
Construction Costs	760,000	423,000	445,000	468,000	490,500	2,586,500
Total	820,000	470,000	495,000	520,000	545,000	2,850,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	720,000	370,000	395,000	420,000	445,000	2,350,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	820,000	470,000	495,000	520,000	545,000	2,850,000

Budget Impact/Other

Watercrest Park Expansion will increase operating and maintenance costs by a negligible amount.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		500	500	500	500	2,000
Utilities		1,200	1,200	1,200	1,200	4,800
Total		1,700	1,700	1,700	1,700	6,800

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation

Contact Parks and Recreation Director

Project # PRK-00-002

Project Name Annual Park Development Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Park Facilities

Project #	PRK-18-003
Project Name	Hawkeye Park Tennis Courts Reconstruction

Description

Hawkeye Park Sports Complex – Tennis Courts Reconstruction

Justification

The playing surface on the Hawkeye Park Sports Complex tennis courts (six courts) is in fair condition. In 2008, the City contracted Tennis Surfaces of Iowa to provide a temporary playing surface instead of the traditional asphalt overlay (which was occurring every 5-7 years). This temporary surfacing material, attached to the subsurface asphalt with fiberglass, has done an adequate job providing a safe playing surface, but does not provide a true competitive tennis court surface. The Parks Department continues to receive many complaints on the alternate court surfacing currently in place.

Additionally, with high school tennis in the spring taking precedence at the Prairie Ridge Sports Complex, the tennis community complains about the congestion and lack of quality courts available for the public to utilize. The proposed project would demo the existing playing surface and subsurface asphalt, provide a new rock subbase, 5” asphalt playing surface and new nets/posts. The new 5” asphalt depth would provide the community another sufficient tennis option and would prolong any needed repairs due to the surfaces freeze/thaw process.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		75,000				75,000
Construction Costs		775,000				775,000
Total		850,000				850,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		850,000				850,000
Total		850,000				850,000

Budget Impact/Other

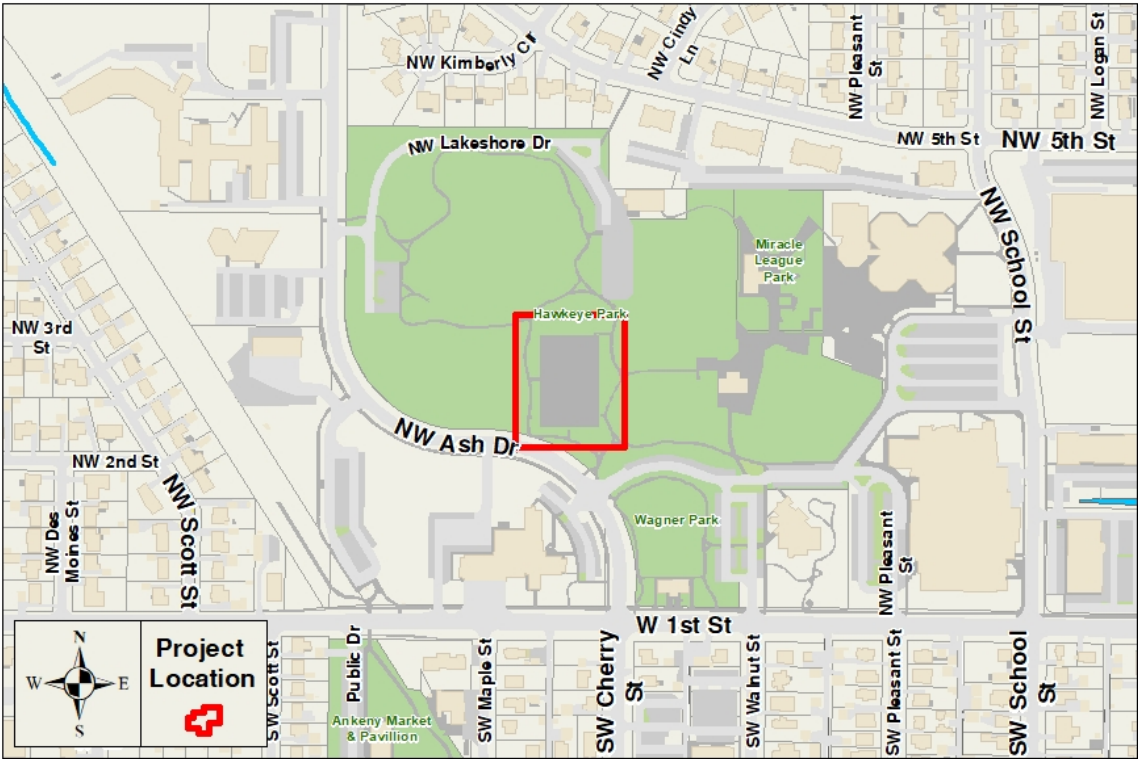
None, as this project renovates a current park amenity.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-18-003
Project Name	Hawkeye Park Tennis Courts Reconstruction



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Park Facilities

Project #	PRK-22-005
Project Name	High Trestle Trail Experience Park

Description

This request is for funding improvements to the High Trestle Trail (HTT) corridor from the Albaugh Family Senior Community Center to the HTT underpass under South Ankeny Boulevard. Improvements will include grading, importing soil, native plantings, 119 trees, and installing lighting along this nearly 5,000 LF of trail right-of way. Grading will prepare the trail right-of-way for future public art projects, trail side paths/detours, and other interactive enhancements on both sides of the trail corridor from SW Cherry Street to South Ankeny Boulevard (or approximately 3,000 LF). The total area impacted will be approximately 14 acres as a multi-phase, multi-year project.

Justification

This work began with the City's Bicycle Tourism and Economic Development Strategy. One component of this work was enhancing the trail corridor, which lead to the creation of the High Trestle Trail Corridor Public Art Plan, and subsequently a specific vision for this area. The improvements associated with this request will begin to create a linear park on existing City-owned property in the center of Ankeny.

These site-preparation improvements will enhance the trail with landscaping and lighting, but also set the stage for adding interactive enhancements strategically placed along the trail to create a unique experience for both residents and visitors and trail users and non-trail users to enjoy. Regional and federal grants, along with private donations, will be pursued to support the enhancements after the grading and lighting is complete.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	924,000		1,000,000		1,000,000	2,924,000
Total	924,000		1,000,000		1,000,000	2,924,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	631,000					631,000
Hotel/Motel Tax Fund	293,000		500,000		500,000	1,293,000
Other Grants			500,000		500,000	1,000,000
Total	924,000		1,000,000		1,000,000	2,924,000

Budget Impact/Other

Operating impacts include ongoing park maintenance, including cleaning, trash removal, general maintenance of landscape, and electricity costs for lighting. The 14 acres is currently part of the City's mowing contract.

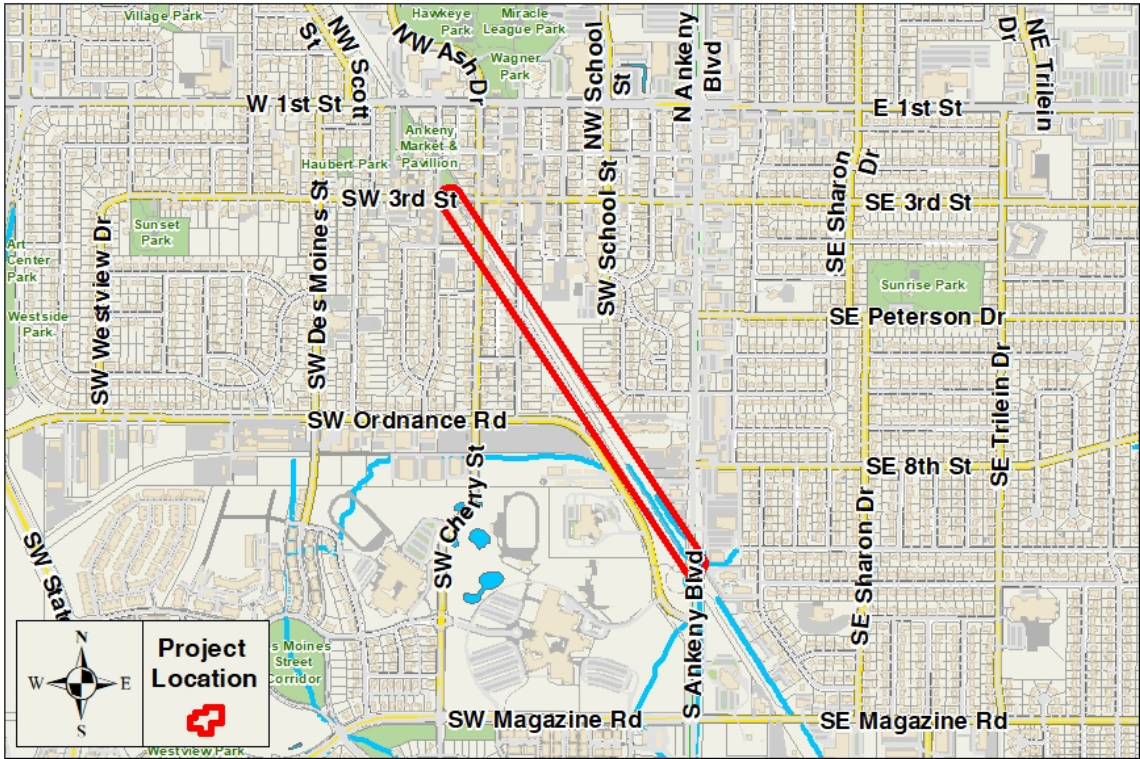
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		1,500	1,500	1,500	1,500	6,000
Utilities		750	750	750	750	3,000
Total		2,250	2,250	2,250	2,250	9,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-22-005
Project Name	High Trestle Trail Experience Park



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

DepartmentParks and Recreation

ContactParks and Recreation Director

TypeReplacement

Useful Life20 years

CategoryPark Facilities

Project #PRK-24-001

Project NameSunrise Park Parking Lot Overlay

Description

Asphalt overlay of the Sunrise Park parking lot.

Justification

The Sunrise Park parking lot needs a maintenance overlay because the existing surface is no longer structurally sound, is well-aged and full of cracks. The project includes a 3-inch mill and overlay, and striping.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services		25,000				25,000
Construction Costs		125,000				125,000
Total		150,000				150,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		150,000				150,000
Total		150,000				150,000

Budget Impact/Other

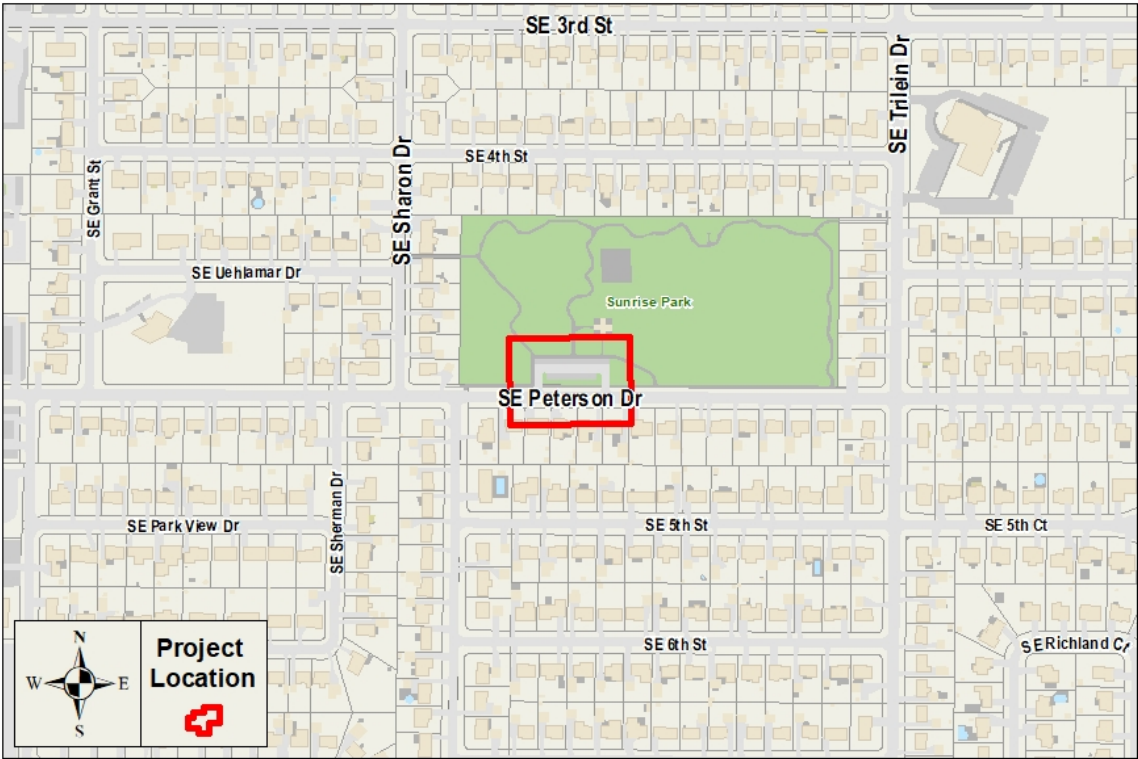
None, as this project renovates a current park facility.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-24-001
Project Name	Sunrise Park Parking Lot Overlay



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

DepartmentParks and Recreation

ContactParks and Recreation Director

TypeReplacement

Useful Life20 years

CategoryPark Facilities

Project #PRK-24-002

Project NamePrairie Ridge Sports Complex N Parking Lot Overlay

Description

Asphalt overlay of the north parking lot at the Prairie Ridge Sports Complex.

Justification

The north parking lot at the Prairie Ridge Sports Complex needs a maintenance overlay because the existing surface is no longer structurally sound, well-aged and full of cracks. The project includes a 3" mill and overlay, full depth patch work in multiple locations, gutter flowlines and striping.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services			70,000			70,000
Construction Costs			1,800,000			1,800,000
Total			1,870,000			1,870,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds			1,870,000			1,870,000
Total			1,870,000			1,870,000

Budget Impact/Other

None, as this project renovates a current park facility.

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation

Contact Parks and Recreation Director

Project # **PRK-24-002**

Project Name **Prairie Ridge Sports Complex N Parking Lot Overlay**



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Sidewalks/Trails

Project #	SDW-00-001
Project Name	Annual Sidewalk/Trail Construction Program

Description

The Annual Sidewalk/Trail Construction Program includes constructing sidewalk improvements including the construction of ADA compliant pedestrian ramps within existing neighborhoods and the construction of sidewalk gaps adjacent to and within City-owned properties.

•Pedestrian Ramp Improvements for ADA Compliance:
o2024 to 2028 - \$350,000/year (construction)

•Sidewalk Gaps along City Property and 8-ft. sidewalk and 10-ft. trail panel replacements:
o2024 to 2028 - \$175,000/year (construction)

•Development Sidewalk Oversizing:
o2024 to 2028 - \$50,000/year (previous development agreements)

The projects that are constructed annually from this program are designed and inspected in-house by Public Works Engineering Division staff. Development sidewalk oversizing is funding set aside for reimbursement to developers when constructing 8-ft. sidewalks on one side of collector streets within subdivisions.

Justification

The purpose of this program is to bring existing pedestrian ramps into Americans with Disabilities Act (ADA) compliance (per requirements mandated by the Federal Government) and provide new sections and/or replace deteriorated panels of 8-ft. sidewalks and 10-ft. trails adjacent to the City’s arterial and collector streets in order to promote non-motorized travel and a corresponding healthier lifestyle within the City. These projects are often completed in conjunction with the Parks & Recreation Department to maximize the connectivity of the overall sidewalk and trail system.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	575,000	575,000	575,000	575,000	575,000	2,875,000
Total	575,000	575,000	575,000	575,000	575,000	2,875,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	225,000	225,000	225,000	225,000	225,000	1,125,000
Road Use Tax Fund	350,000	350,000	350,000	350,000	350,000	1,750,000
Total	575,000	575,000	575,000	575,000	575,000	2,875,000

Budget Impact/Other

Upgrading existing pedestrian ramps and bringing them into ADA compliance may reduce the number of complaints City staff follow up with regarding non-compliant or hazardous ramps. The additional 8-ft. sidewalks will increase maintenance costs for the City due to the additional winter maintenance that will be required. However, having a more connected trail system should make winter maintenance operations more efficient for Parks & Recreation staff.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	3,000	3,400	3,800	4,200	4,600	19,000
Total	3,000	3,400	3,800	4,200	4,600	19,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # SDW-00-001

Project Name Annual Sidewalk/Trail Construction Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility

Contact Municipal Utilities Director

Type Improvement

Useful Life 40 years

Category Sanitary Sewers

Project # SNS-00-001

Project Name Annual Sanitary Sewer Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of sanitary sewers and structures and the Sanitary Sewer Fund's portion of the neighborhood projects.

Specific projects for 2024 to 2028 include:

- Bi-annual CIPP sanitary sewer lining: 2024 to 2028 - \$500,000/year even years
- Bi-annual manhole repair project: 2024 to 2028 - \$500,000/year odd years
- Sanitary sewer spot repairs: 2024 to 2028 - \$75,000/year
- Development sanitary sewer oversizing: 2024 - \$30,000 and 2025 to 2028 - \$20,000/year
- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
 - o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
 - o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):

- o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
- o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
- o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
- o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
- o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The City's sanitary sewer system is routinely inspected and monitored by Municipal Utilities staff in order to assess the condition of the infrastructure and identify any portions that may need to be repaired or replaced. Municipal Utilities staff has determined the projects in this program by visual inspection of the sanitary sewer system, including manholes and pipes and from investigations following resident complaints. The projects in this program are justified by the need to maintain a functional sanitary sewer system, reduce inflow and infiltration, reduce long-term maintenance issues and address resident complaints. This is continuing the increased request for Cured in Place Pipe (CIPP) sanitary sewer lining bi-annually as the City has approximately 230,000 LF of Vitrified Clay Pipe (VCP) within the system and even at the newly requested rate it will take 18 years to get all of the VCP lined. CIPP lining reduces approximately 20% of the Inflow and Infiltration (I&I) in the line segment it is installed in and it also prevents root intrusion within City mains, which is a major contributor to sewer backups and service calls. This CIPP lining however, does not prevent I&I or root issues within private lines or services.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	1,205,000	1,245,000	1,295,000	1,345,000	1,395,000	6,485,000
Survey/Preliminary Analysis	100,000					100,000
Total	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	355,000	220,000	145,000	95,000	45,000	860,000
Sewer Fund	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000	6,000,000
Total	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000

Budget Impact/Other

The operating impact for this project will provide a cost savings over time due to the replacement of old and deteriorating sanitary sewer with new PVC mains, relined mains and repaired pipes. This will reduce the I&I and lower the WRA flow. These areas will be placed on the routine pipe cleaning and inspection programs at the end of the maintenance bond, reducing the maintenance cost for that period. The number of Sanitary Sewer Overflows (SSO) and basement back-ups that Municipal Utilities staff will have to respond to should be reduced in the near term, with the upgraded infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-00-001

Project Name Annual Sanitary Sewer Replacement Program



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-12-001
Project Name	Otter Creek Trunk Sewer-Phase 4

Description
Install approximately 4,000 LF of 24-inch diameter sanitary trunk sewer from the north end of Otter Creek Trunk Sewer – Phase 3 north to NE 54th Street along the creek west of NE Four Mile Drive.

Justification
The purpose of this project is to extend sanitary sewer service north to the area around NE 54th Street and NE Four Mile Drive. The timing of this project will depend upon development in the area of the NE 36th Street interchange.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction		150,000				150,000
Services						
Construction Costs		1,500,000				1,500,000
Total		1,650,000				1,650,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		1,650,000				1,650,000
Total		1,650,000				1,650,000

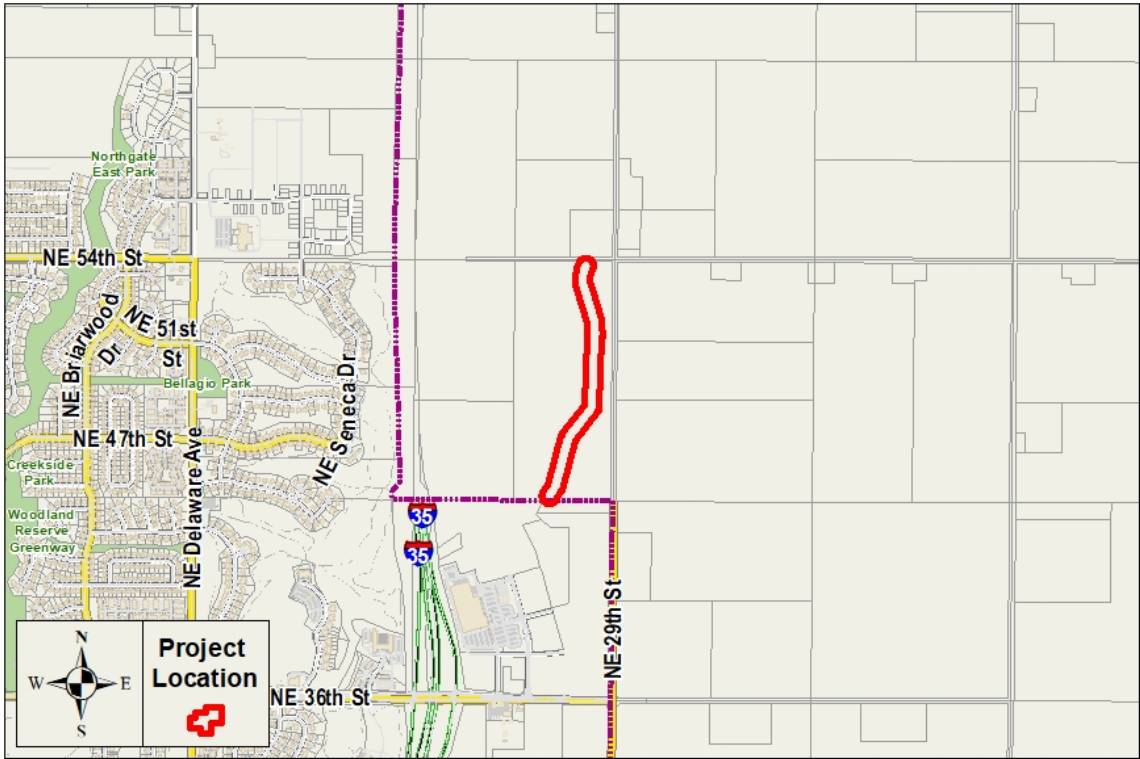
Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being a large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-12-001
Project Name	Otter Creek Trunk Sewer-Phase 4



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type Replacement
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-20-002
Project Name	SE 3rd Street Trunk Sewer Extension

Description
Installation of approximately 1,300 LF of 15” sanitary sewer along SE 3rd Street, between South Ankeny Boulevard and SE Sharon Drive. Additionally, the existing 4” water main within that same corridor will be replaced and upsized to 8” main (1,600 LF). The project will utilize open cut construction, and a temporary water supply system will be utilized to keep the existing homes within the area in service.

Justification
This project is necessary as many residences within the subject area have experienced historical basement flooding issues. Additionally, data from the June 30, 2018 rain event showed that a significant number of homes within the subject area experienced basement backups, with excess of 24” of water in the basement. With the extensive amount of disturbance needed to complete this project, it becomes more cost effective to upsize/replace the existing water main at this time as well. The proposed project will need to be coordinated with the Public Works proposed SE 3rd Street Area Trunk Storm Sewer Improvements along this corridor.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	30,000	15,000				45,000
Construction Costs	761,000	338,000				1,099,000
Total	791,000	353,000				1,144,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund	791,000	353,000				1,144,000
Total	791,000	353,000				1,144,000

Budget Impact/Other
It is anticipated that construction of this project should have an immediate benefit to the sanitary sewer within this area by increasing system capacity, and reducing the frequency of basement backups. This should result in a reduced need for inspection and maintenance. Upsizing of the water main will help to reduce friction losses within the distribution system, and provide better hydraulics to serve the demand within the area. It will take approximately 25,000 gallons to fill and flush the new water main.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	65,100	28,900				94,000
Total	65,100	28,900				94,000

City of Ankeny, Iowa

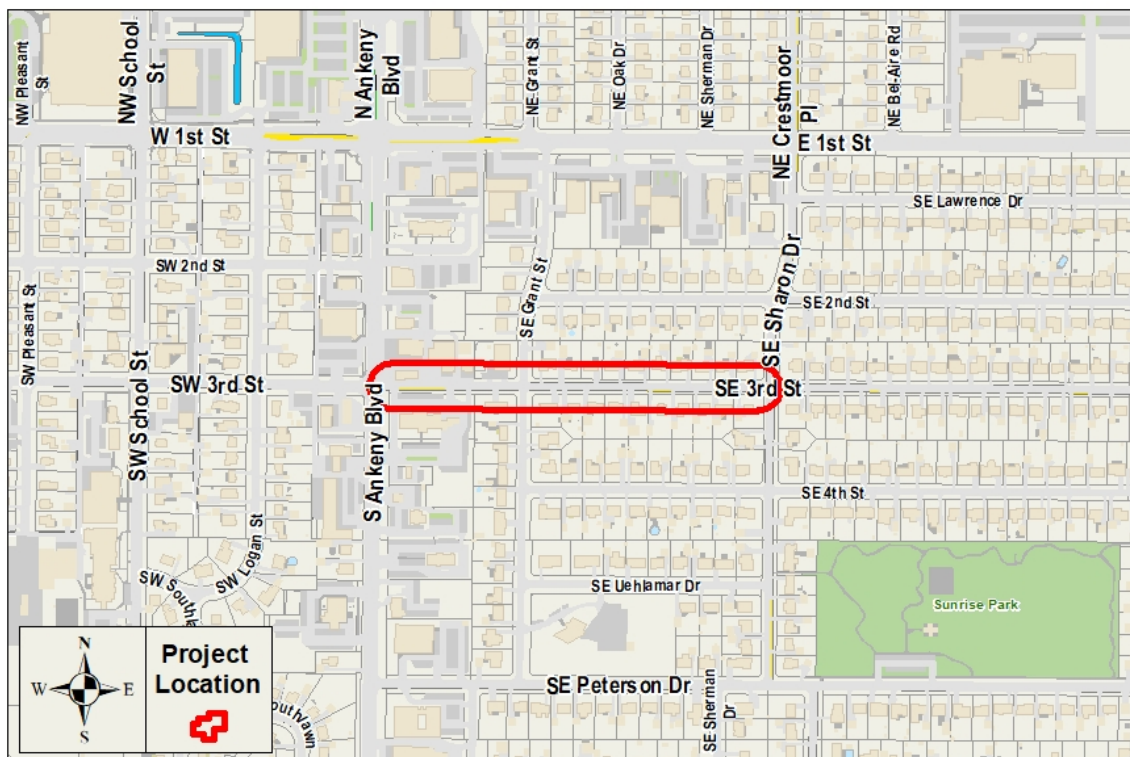
2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-20-002

Project Name SE 3rd Street Trunk Sewer Extension



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-001
Project Name	Trestle Ridge Trunk Sewer Cost Share

Description
The Trestle Ridge Trunk Sewer Cost Share project will include installation of approximately 1,600 LF of 24-inch sanitary sewer in 2024 and approximately 2,700 LF of 21-inch sanitary sewer in 2025. The Phase 1 trunk sewer will connect at an existing manhole at the northwest corner of Trestle Ridge Estates Plat 6 and continue north under NW 36th Street, terminating just north of NW 36th Street. Phase 2 will start at the north end of the Phase 1 limits to approximately 2,700 feet north of NW 36th Street and 1,400 feet west of NW Irvinedale Drive.

Justification
The Trestle Ridge Trunk Sewer Cost Share project is being proposed due to the developer planning to provide sanitary sewer to a subdivision north of NW 36 Street and west of NW Irvinedale Drive. The sanitary sewer (Phase 1 & 2) is approximately 4,300 feet short of serving this subdivision. The City will pay the cost difference of upsizing from an 8-inch line in order to avoid creating a development agreement that will result in hundreds of acres of credit due to the developer that will take an unknown amount of time to pay out. This method should be cost beneficial for both the City and developer in the long run. This project was proposed for 2023 but the development project didn't occur so this cost share is being proposed for 2024 in anticipation the development occurs next year. The project is split into two phases in 2024 and 2025 to account for the possibility that the land along this trunk line gets developed in phases similar to what we have shown.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	325,000	425,000				750,000
Total	325,000	425,000				750,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	325,000	275,000				600,000
Sewer Fund		150,000				150,000
Total	325,000	425,000				750,000

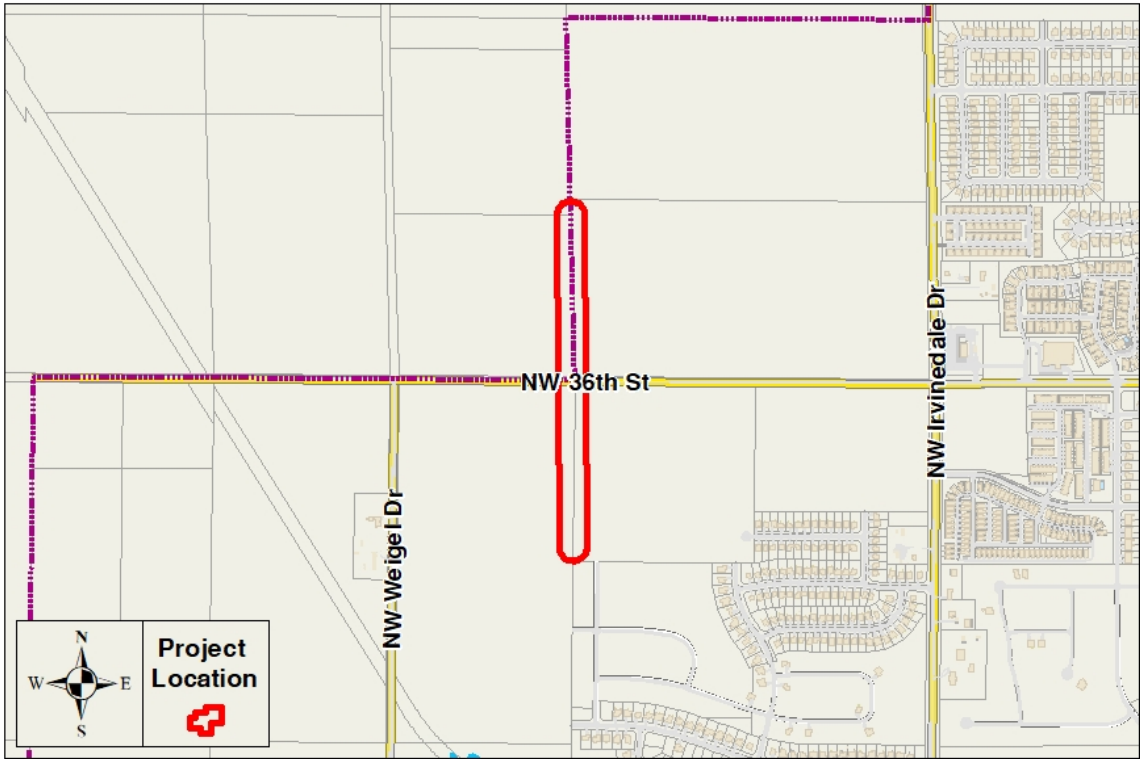
Budget Impact/Other

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-22-001
Project Name	Trestle Ridge Trunk Sewer Cost Share



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-003
Project Name	Clover Ridge Trunk Sewer Extension

Description
Install approximately 1,375 LF of 24-inch diameter sanitary trunk sewer from the existing 24-inch sanitary line at west end of SE 17th Street, north to NE 86th Avenue (NE Magazine Road). The project will primarily utilize open-cut construction, with approximately 40 LF of trenchless construction beneath the existing road (NE 86th Avenue).

Justification
This project has become a need due to recent interest in the development of land and potential annexations within the vicinity of the East 1st Street/NE 29th Street intersection. This trunk line will serve a large portion of developable land south of East 1st Street. The timing of this project is dependent upon the annexation of much of the land within this area.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		91,000				91,000
Engineering-Construction Services			76,000			76,000
Construction Costs			770,000			770,000
Land/ROW Acquisition		14,000				14,000
Total		105,000	846,000			951,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		105,000	846,000			951,000
Total		105,000	846,000			951,000

Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

City of Ankeny, Iowa

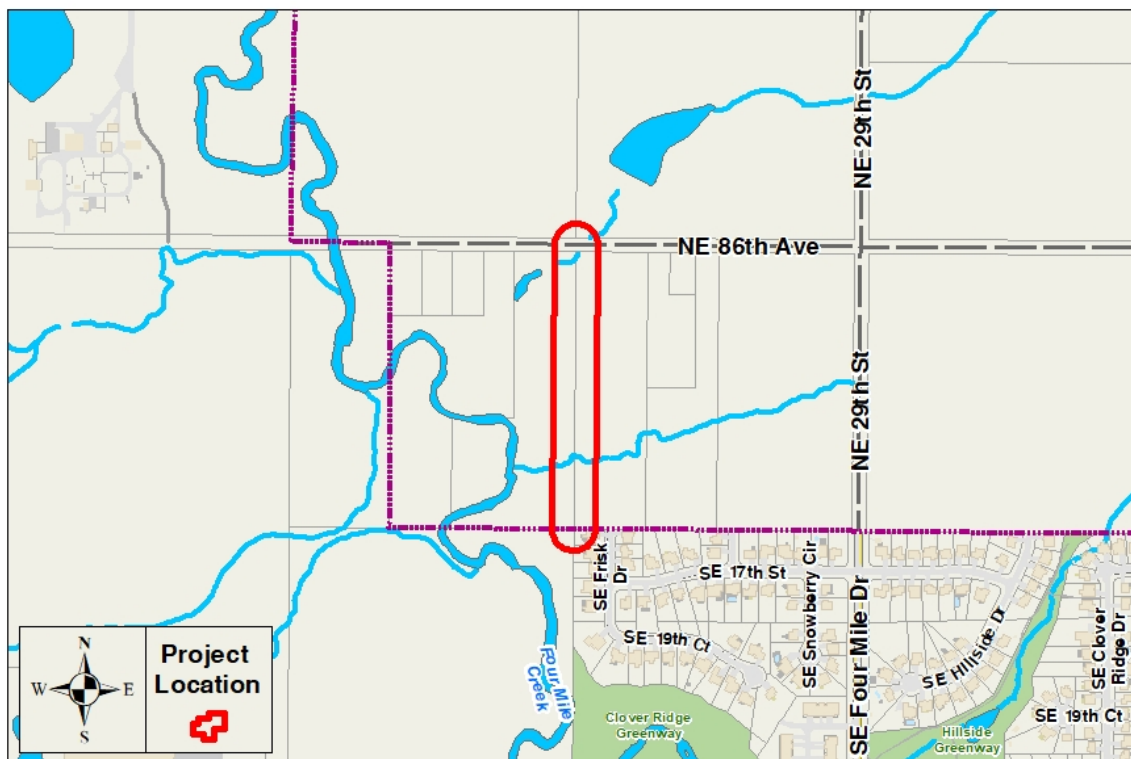
2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-22-003

Project Name **Clover Ridge Trunk Sewer Extension**



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-004
Project Name	Polk County Lift Station Decommissioning

Description
The project to decommission the Polk County Lift Station will include installation of approximately 2,850 LF of 12-inch sanitary sewer under Interstate 35 to connect existing manhole 23N 18 near the lift station to manhole 23N 3 south of SE Convenience Boulevard.

Justification
This lift station is currently owned and maintained by Polk County. The City has an agreement with the County to overtake the ownership and maintenance once the land this lift station supports is 75% or more developed within the City of Ankeny. With the growth and development that has occurred in this area, it will be the City's responsibility within the next couple of years. This project will connect an existing manhole near the lift station to an existing manhole east of Interstate 35 so the sanitary sewer will bypass the lift station via gravity flow.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		152,000				152,000
Engineering-Construction Services			152,000			152,000
Construction Costs			1,520,000			1,520,000
Land/ROW Acquisition		2,000				2,000
Total		154,000	1,672,000			1,826,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		154,000	1,672,000			1,826,000
Total		154,000	1,672,000			1,826,000

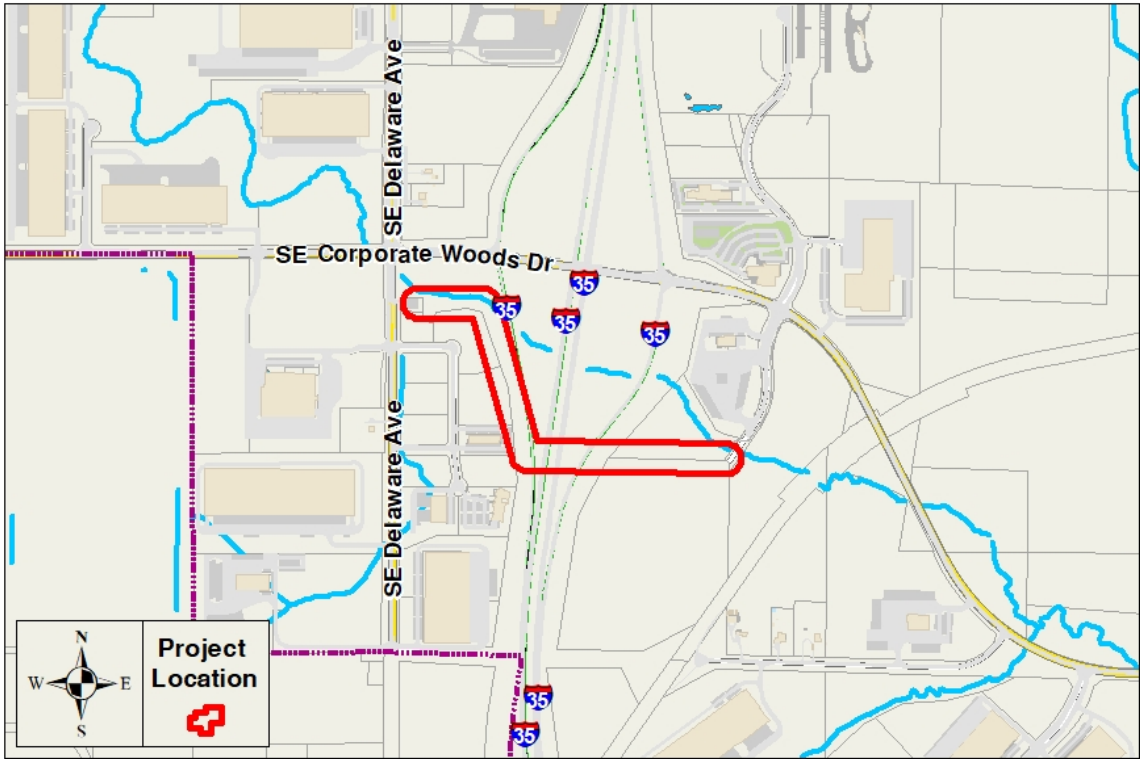
Budget Impact/Other
Since this is a new sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-22-004
Project Name	Polk County Lift Station Decommissioning



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type Replacement
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-23-002
Project Name	SW Irvinedale Drive Sanitary Sewer Replacement

Description

Installation of approximately 200 LF of 8” sanitary sewer west of SW Irvinedale Drive and south of West 1st Street. This replacement project will utilize open-cut construction.

Justification

This project is necessary due to a roughly 40% sag in the existing segment of pipe. Replacement is necessary in order to eliminate future backups and reduce the amount of maintenance the City currently performs on the line.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			12,000			12,000
Engineering-Construction Services				10,000		10,000
Construction Costs				107,000		107,000
Land/ROW Acquisition				1,000		1,000
Total			12,000	118,000		130,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund			12,000	118,000		130,000
Total			12,000	118,000		130,000

Budget Impact/Other

It is anticipated that construction of this project should have an immediate benefit to the sanitary sewer within this area by increasing system capacity, and reducing the frequency of basement backups. This should result in a reduced need for inspection and maintenance.

City of Ankeny, Iowa

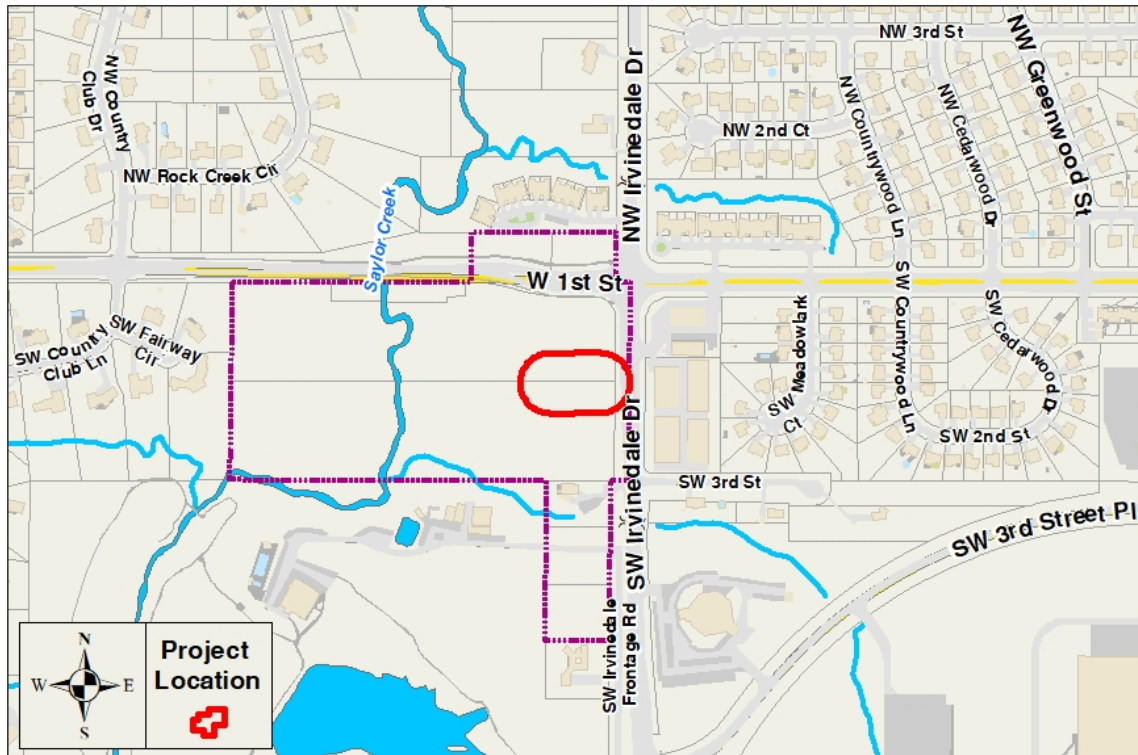
2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # **SNS-23-002**

Project Name SW Irvinedale Drive Sanitary Sewer Replacement



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-23-003
Project Name	Deer Creek Trunk Sewer Extension

Description

Install approximately 2,900 LF of 30-inch diameter sanitary trunk sewer from the existing 30-inch sanitary line from the south side of NE 18th Street to about 2,800 feet north of NE 18th Street.

Justification

This project is needed for future land to be annexed and developed north of NE 18th Street. This trunk line will serve a large portion of development land north of NE 18th Street and east of NE 29th Street (county) to the City's 2040 projected growth boundary.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				216,000		216,000
Engineering-Construction Services					180,000	180,000
Construction Costs					1,805,000	1,805,000
Land/ROW Acquisition					24,000	24,000
Total				216,000	2,009,000	2,225,000

Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund				216,000	2,009,000	2,225,000
Total				216,000	2,009,000	2,225,000

Budget Impact/Other

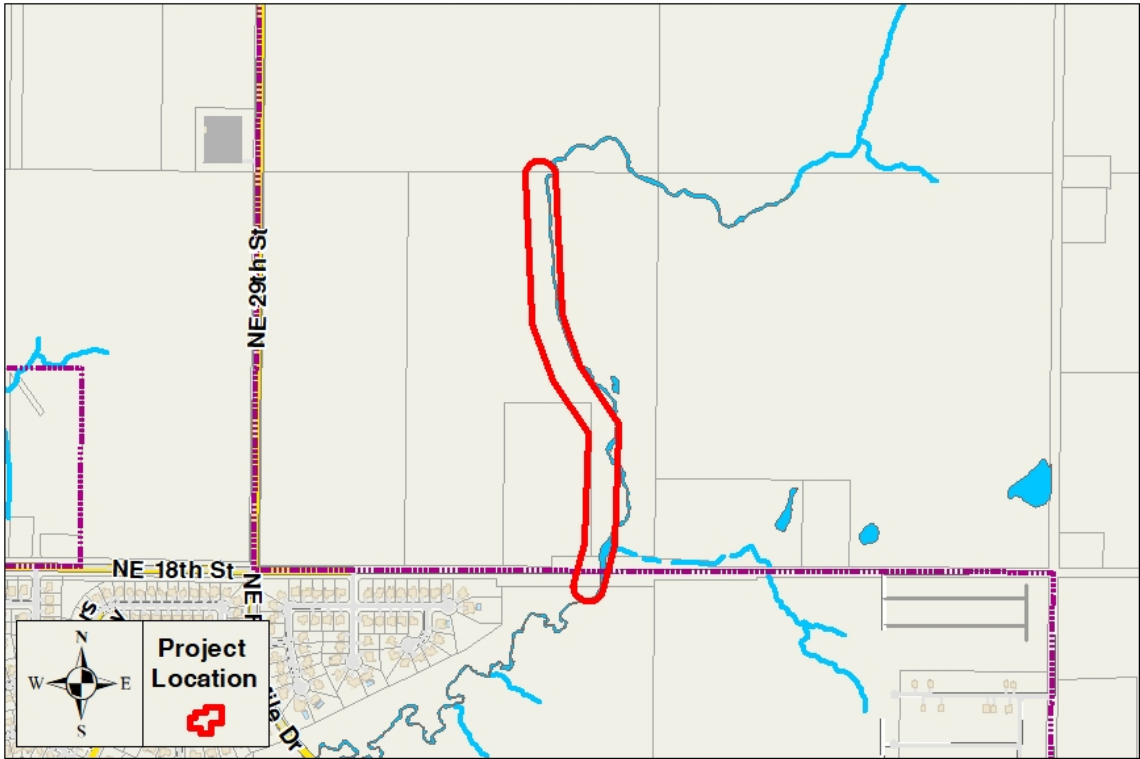
Since this is new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-23-003
Project Name	Deer Creek Trunk Sewer Extension



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-24-001
Project Name	Fire Station No. 4 Sanitary Sewer

Description

This project will construct approximately 1,950 LF of 8-inch sanitary sewer line from the intersection of NW 18th Street and NW Savannah Drive to the southeast corner of the Fire Station No. 4 property.

Justification

This project will be necessary if Savannah Plat 1 to the south of Fire Station No. 4 doesn't develop in 2024. If constructed, Savannah Plat 1, will provide the necessary sanitary sewer to serve Fire Station No. 4. This project is proposed in the event the developer doesn't move forward with their project and the City needs to install the sewer for proper sanitary service to Fire Station No. 4.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	130,000					130,000
Construction Costs	588,000					588,000
Land/ROW Acquisition	12,000					12,000
Total	730,000					730,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund	730,000					730,000
Total	730,000					730,000

Budget Impact/Other

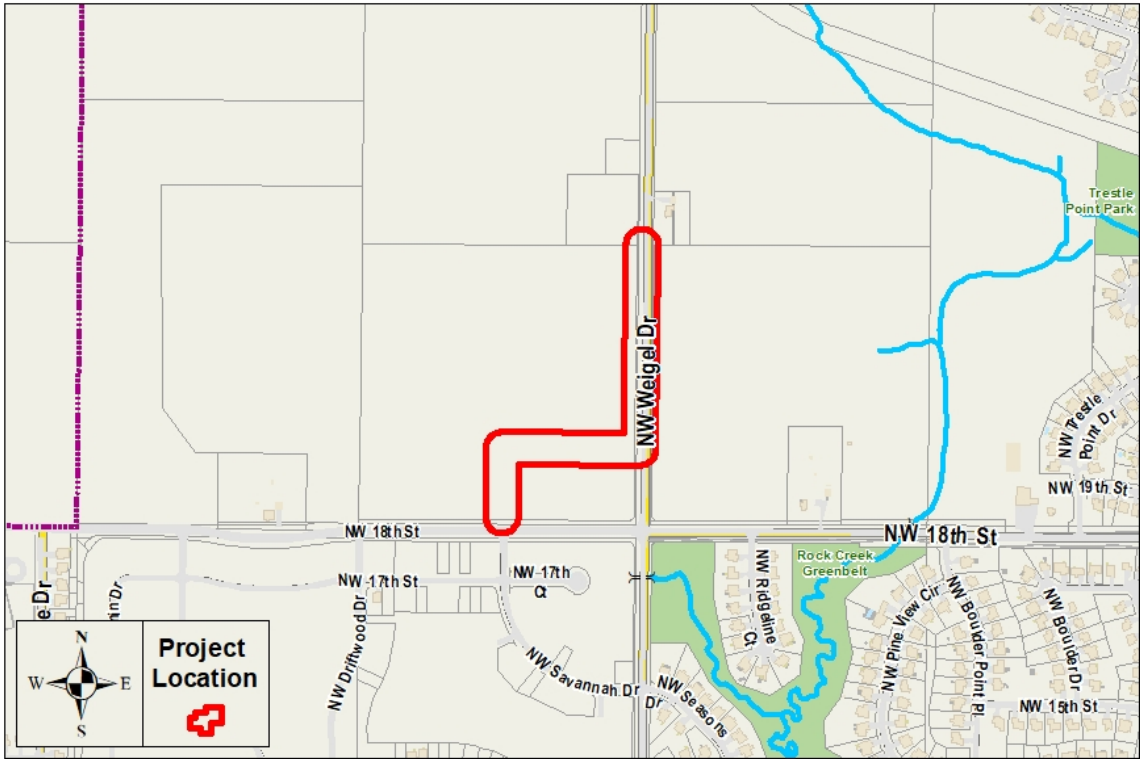
Since this is a new sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-24-001
Project Name	Fire Station No. 4 Sanitary Sewer



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-24-002
Project Name	Four Mile Creek Trunk Sewer - Phase 2

Description
Install approximately 2,000 LF of 30-inch diameter sanitary trunk sewer from the Four Mile Creek Trunk Sewer – Phase 1 end limits to about 1,300 LF north of NE 62nd Street on the east side of North Ankeny Boulevard.

Justification
This project has become necessary due to recent development and annexations north of NE 54th Street. This trunk line will serve a large portion of developable land north of NE 54th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	150,000					150,000
Construction Costs	2,100,000					2,100,000
Land/ROW Acquisition	25,000					25,000
Total	2,275,000					2,275,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	500,000					500,000
Sewer Fund	1,775,000					1,775,000
Total	2,275,000					2,275,000

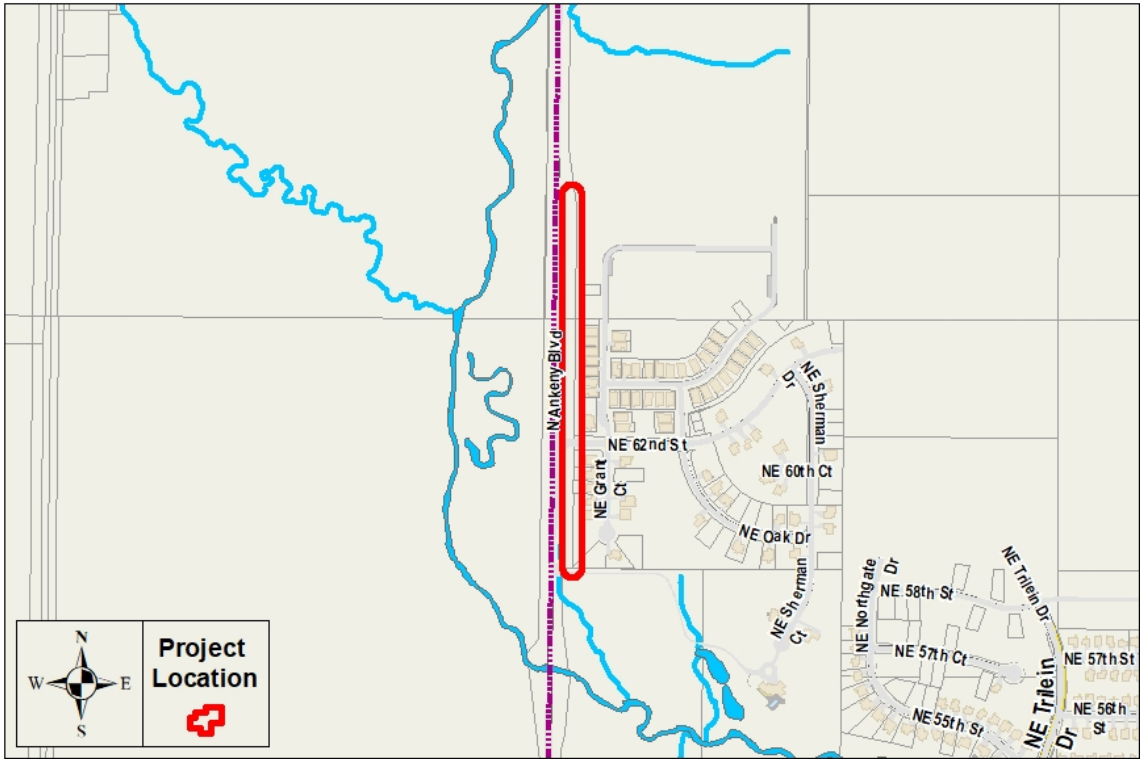
Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. Being a large diameter trunk sewer, however, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-24-002
Project Name	Four Mile Creek Trunk Sewer - Phase 2



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Storm Water

Project # STM-00-001

Project Name Annual Storm Water Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of storm sewer pipes, structures, channels, etc. Specific projects, listed in order of priority, for 2024 include:

1. Replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection – \$155,000
2. Drainage improvements on North Creek Trail near North Creek Park – \$20,000
3. Repairs to a storm sewer outlet to Four Mile Creek – \$30,000
4. Maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway – \$200,000
5. Storm water conservation project to be designed and constructed in 2024 – \$10,000
6. Minor storm water management and storm sewer improvements and repairs (locations TBD) – \$35,000

Justification

The purpose of these projects is to repair or improve stormwater infrastructure and associated areas to manage storm water more effectively, stabilize and repair areas of erosion or structural issues, and/or address public safety concerns. The open cut repairs will repair or replace failed or damaged storm sewers and/or structures. Storm water conservation design projects will be added on City property to provide water quality improvements and serve as a demonstration for residents. Throughout the year, additional locations for minor storm water management and storm sewer improvements and repairs will likely be identified and need to be addressed.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	20,000	60,000	60,000	60,000	70,000	270,000
Construction Costs	430,000	390,000	390,000	390,000	430,000	2,030,000
Total	450,000	450,000	450,000	450,000	500,000	2,300,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000	50,000				100,000
Storm Water Fund	400,000	400,000	450,000	450,000	500,000	2,200,000
Total	450,000	450,000	450,000	450,000	500,000	2,300,000

Budget Impact/Other

Repairing and improving the storm water management system will reduce the annual maintenance costs for the City because the Public Works Department will not have to continue regularly addressing the maintenance issues caused by deficiencies in the storm water management system.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-10,000	-10,000	-12,000	-12,000	-14,000	-58,000
Total	-10,000	-10,000	-12,000	-12,000	-14,000	-58,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility

Contact City Engineer

Project # STM-00-001

Project Name Annual Storm Water Replacement Program



city of
Ankeny

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2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-19-004
Project Name	Sawgrass Park Dam Improvements

Description
Improvements to address functionality, safety and associated issues with the Sawgrass Park Dam. The improvements will likely include grading to install an emergency overflow, outlet structure modification and slope armoring to reduce downstream risks.

Justification
The Sawgrass Park Dam was identified as deficient by the Iowa DNR in 2018 because the dam does not meet the Iowa DNR’s current design criteria. Due to the dam’s age, it likely did not need a permit when it was originally constructed. This project will improve the functionality of the upstream storm water detention basin by modifying the size of the outlet structure opening and providing a more efficient emergency overflow path. The downslope of the dam will likely be hard-armored to protect from slope failure if overtopping occurs in the future. These improvements will allow the dam to be in compliance with current Iowa DNR standards for low hazard dams.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	90,000					90,000
Engineering-Construction Services		30,000				30,000
Construction Costs		415,000				415,000
Total	90,000	445,000				535,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	90,000	445,000				535,000
Total	90,000	445,000				535,000

Budget Impact/Other
Improving the dam and the basin’s outlet infrastructure will reduce the annual maintenance costs for the City because the Public Works and Parks & Recreation departments should not have to repair the dam’s slope and the basin’s outlet infrastructure.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-500	-500	-500	-1,500
Total			-500	-500	-500	-1,500

City of Ankeny, Iowa

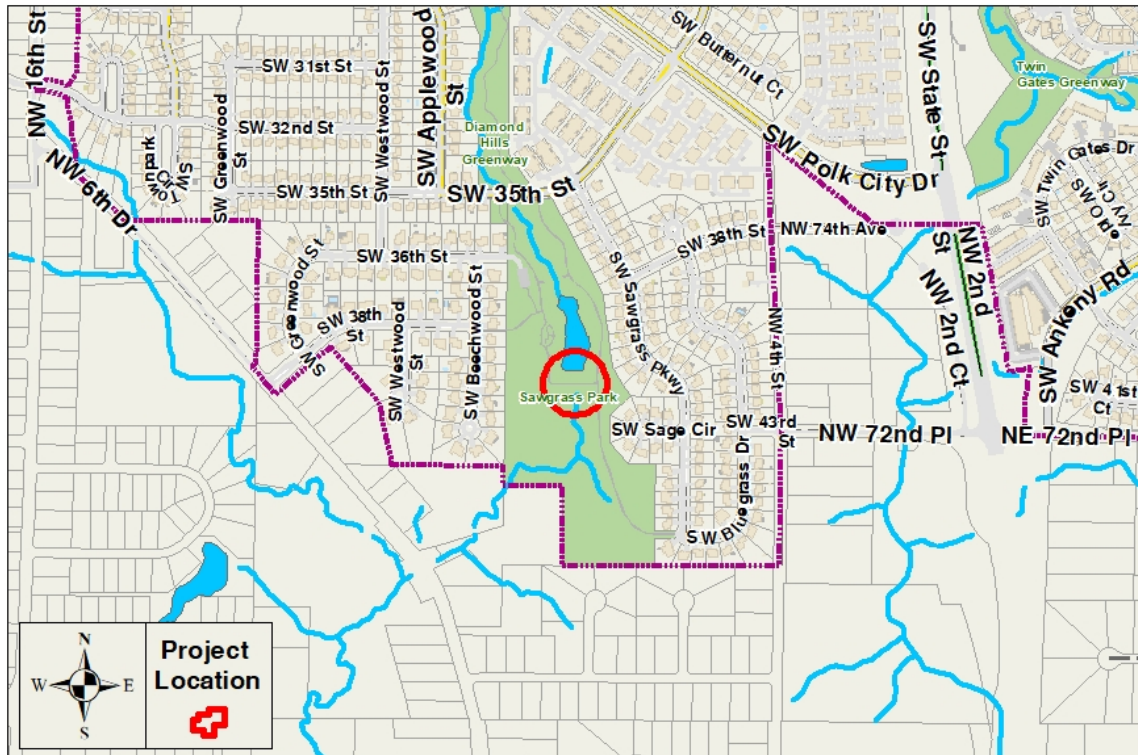
2024 *thru* 2028

Department Storm Water Utility

Contact City Engineer

Project # **STM-19-004**

Project Name Sawgrass Park Dam Improvements



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-20-001
Project Name	Four Mile Creek and Tributary Stabilization

Description

Improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within Four Mile Creek between NE 47th Street and NE 54th Street and the tributary to Four Mile Creek east of St. James Place between NE 47th Street and NE 54th Street. The improvements may include clearing and grubbing to remove flow impediments and significant invasive tree growth; reshaping of the channel to establish stable slopes; reconnection to the floodplain; repairing and modifying an existing stormwater detention basin; repairing a horseshoe bend at risk of eroding and causing a shortened flow path; and establishing native/wetland plantings.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion and a horseshoe meander, repair and modify a storm water detention basin, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the permitting and final design in 2024, and construction scheduled in 2025 and 2026. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	130,000					130,000
Engineering-Construction Services		160,000	145,000			305,000
Construction Costs		2,000,000	1,120,000			3,120,000
Total	130,000	2,160,000	1,265,000			3,555,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	130,000	1,040,000	596,300			1,766,300
Other Grants		1,120,000	668,700			1,788,700
Total	130,000	2,160,000	1,265,000			3,555,000

Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure. Maintenance costs associated with the native vegetation however, will increase for several years after the project due to the labor and materials required to fully establish the native vegetation. The maintenance costs associated with establishing the native vegetation should reduce significantly three (3) years post construction.

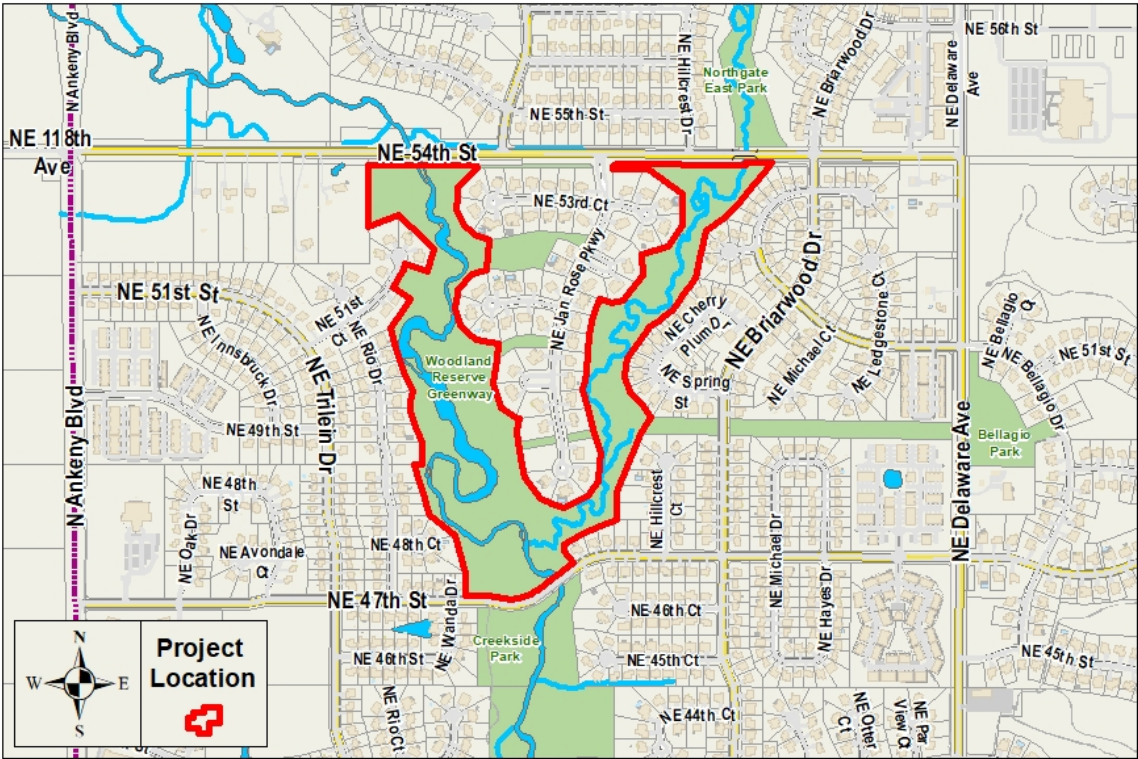
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				20,000	20,000	40,000
Total				20,000	20,000	40,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 thru 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-20-001
Project Name	Four Mile Creek and Tributary Stabilization



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-20-006
Project Name	SE 3rd Street Area Trunk Storm Sewer Improvements

Description

Construction of storm sewer infrastructure improvements in underserved sections of the SE 3rd Street area, which is located south of E 1st Street, north of SE Peterson Drive, east of South Ankeny Boulevard, and west of SE Sharon Drive. The proposed storm sewer infrastructure improvements will include footing drain/sump collector lines, storm sewer pipe, intakes, utility accesses, and related pavement removal and replacement necessary to install a trunk storm sewer along SE 3rd Street from S Ankeny Boulevard to SE Sharon Drive.

Justification

The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project’s proposed schedule includes construction in 2024 and 2025. The proposed storm sewer improvements on SE 3rd Street will need to be coordinated with the Municipal Utilities Department’s proposed SE 3rd Street Trunk Sanitary Sewer replacement, between South Ankeny Boulevard and SE Sharon Drive, and water main replacement along SE 3rd Street. The 2024 and 2025 construction costs include approximately \$160,000 of water main improvements.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	40,000	15,000				55,000
Construction Costs	900,000	400,000				1,300,000
Total	940,000	415,000				1,355,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	540,000	15,000				555,000
Storm Water Fund	400,000	400,000				800,000
Total	940,000	415,000				1,355,000

Budget Impact/Other

In the long term, adding new storm sewer infrastructure to the City’s storm water management system will reduce annual maintenance costs for the Public Works and Municipal Utilities departments, and it should reduce the amount of Storm Water Division staff time needed to address drainage issues and concerns in this area of the City.

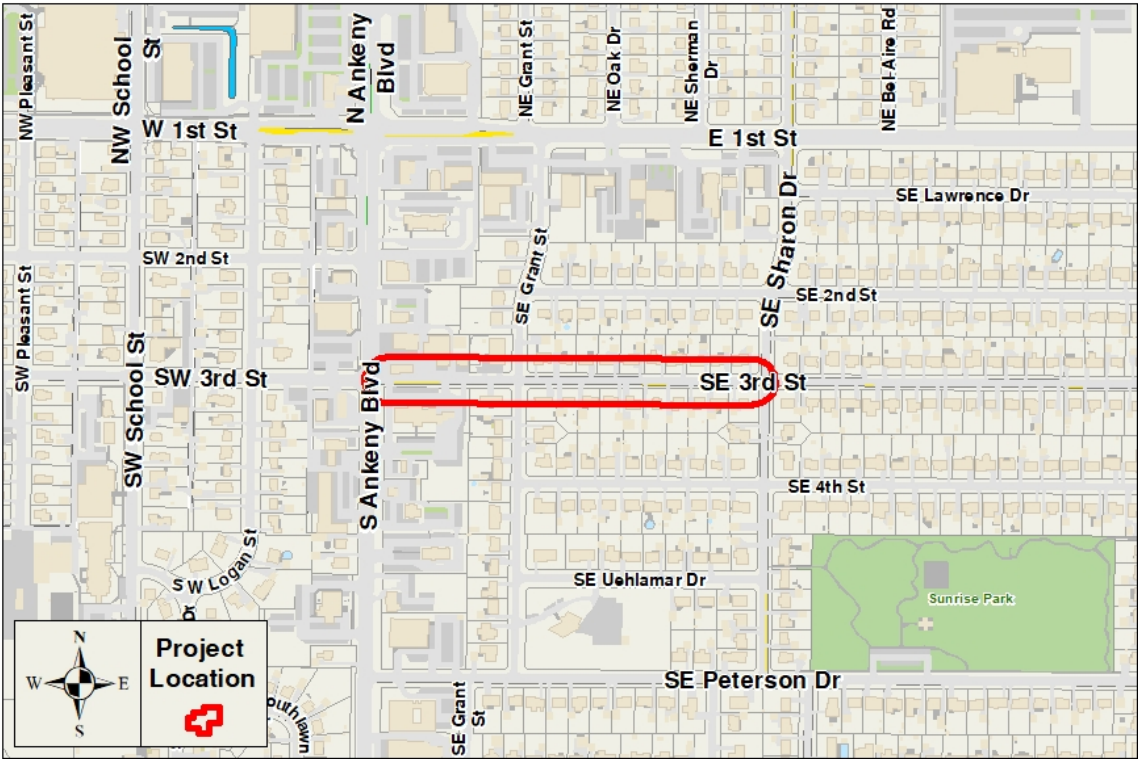
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-2,000	-2,000	-2,000	-6,000
Total			-2,000	-2,000	-2,000	-6,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-20-006
Project Name	SE 3rd Street Area Trunk Storm Sewer Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-21-001
Project Name	SE 3rd St Area Collection Storm Sewer Improvements

Description
Construction of storm sewer infrastructure improvements in underserved sections of the SE 3rd Street area, which is located south of E 1st Street, north of SE Peterson Drive, east of S Ankeny Boulevard, and west of SE Trilein Drive. The proposed storm sewer infrastructure improvements will include footing drain/sump collector lines, storm sewer pipe, and associated intakes, utility accesses, and related pavement removal and replacement necessary to install collection storm sewer in the area. The proposed improvements schedule will include constructing new storm sewer along SE 4th Street from SE Grant Street to SE Sharon Drive and along SE Lawrence Drive from SE Sharon Drive to SE Trilein Drive in 2026. New storm sewer along SE Uehlar Drive from SE Grant Street to SE Sharon Drive and along SE 2nd Street from SE Sharon Drive to SE Trilein Drive is being proposed for construction in 2027.

Justification
The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project’s proposed schedule includes survey and design work in 2025 through 2026 and construction of the projects in 2026 through 2027. The construction cost estimate for 2026 includes \$100,000 of water main replacement (upgrade existing 4-inch to new 8-inch) along SE 4th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		190,000	210,000			400,000
Construction Costs			1,210,000	1,330,000		2,540,000
Total		190,000	1,420,000	1,330,000		2,940,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated		190,000	1,020,000	930,000		2,140,000
Storm Water Fund			400,000	400,000		800,000
Total		190,000	1,420,000	1,330,000		2,940,000

Budget Impact/Other
In the long term, adding new storm sewer infrastructure to the City’s storm water management system will reduce annual maintenance costs for the Public Works and Municipal Utilities departments, and it should reduce the amount of Storm Water Division staff time needed to address drainage issues and concerns in this area of the City.

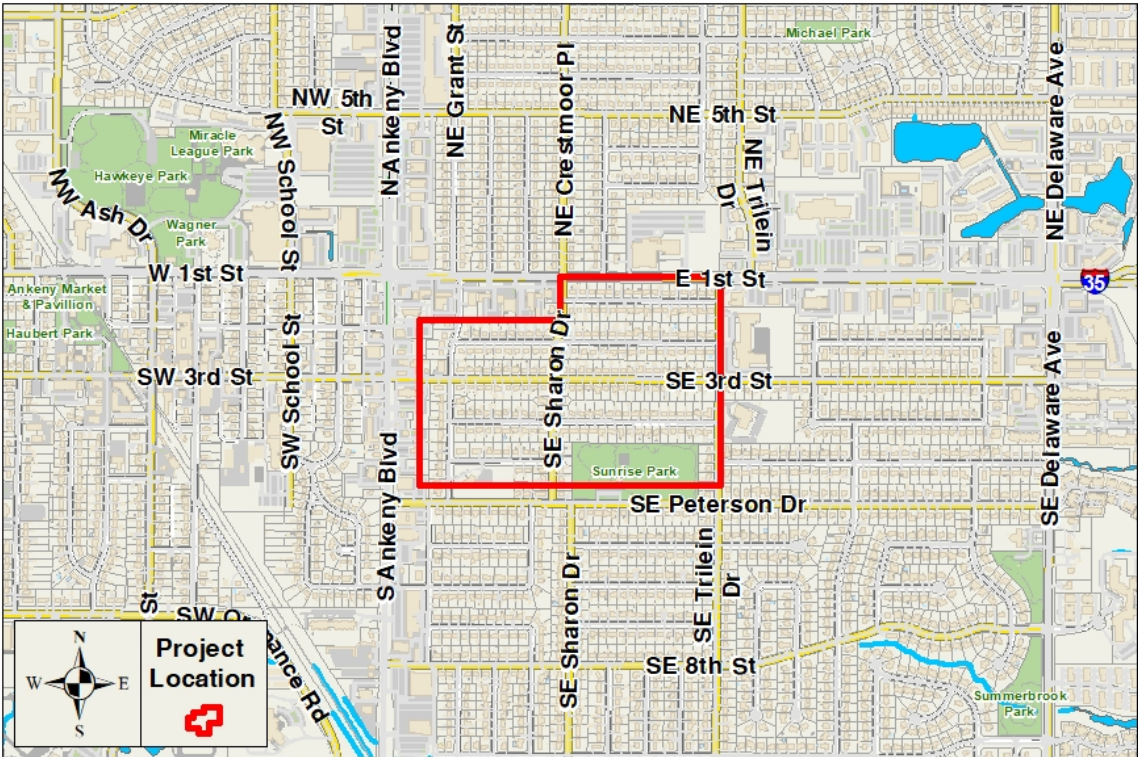
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-1,000	-2,000	-3,000
Total				-1,000	-2,000	-3,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-21-001
Project Name	SE 3rd St Area Collection Storm Sewer Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-002
Project Name	Diamond Hills Greenway Stream Stabilization

Description

Comprehensive improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within a tributary to Saylor Creek, between SW Applewood Street and Sawgrass Park. The improvements will include clearing and grubbing to remove flow impediments and provide access to culverts for maintenance; reshaping the channel to establish stable slopes; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; extending storm sewer; and where possible, establishing native/wetland plantings. Temporary easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the concept study, preliminary design, and survey in 2025, design in 2026, and construction in 2027.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		75,000	75,000			150,000
Engineering-Construction Services				80,000		80,000
Construction Costs				1,530,000		1,530,000
Total		75,000	75,000	1,610,000		1,760,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated		75,000	75,000	1,610,000		1,760,000
Total		75,000	75,000	1,610,000		1,760,000

Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

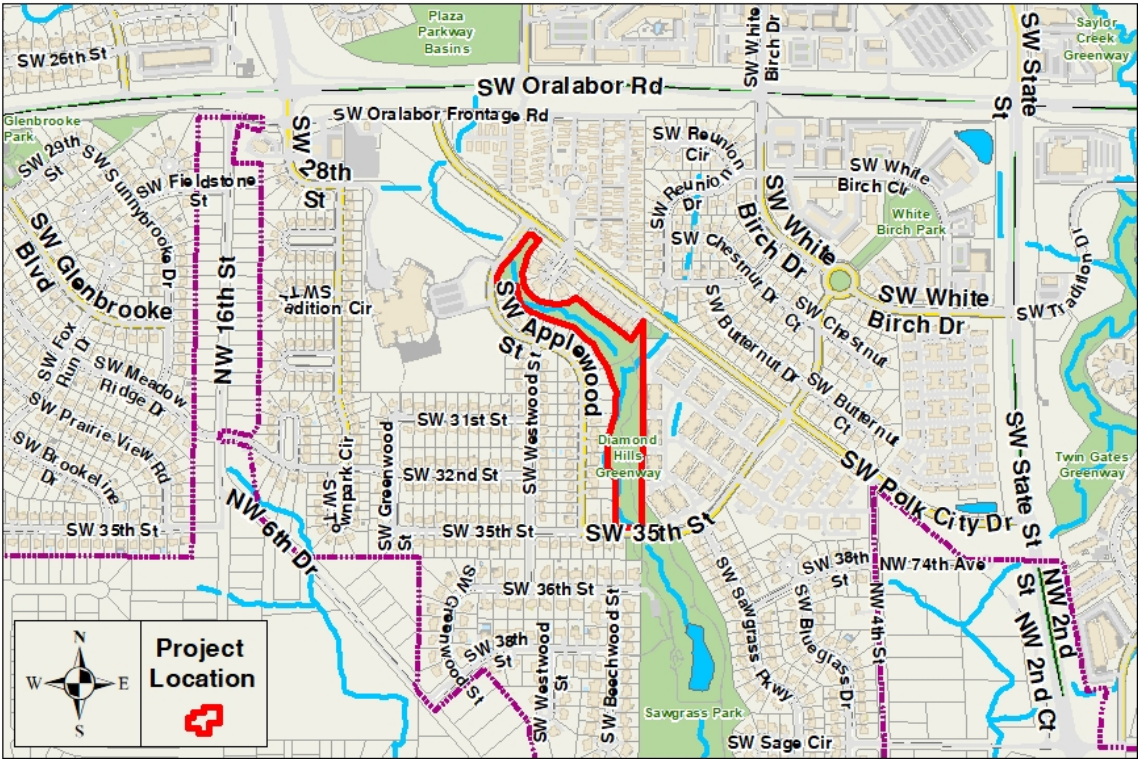
2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 thru 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-002
Project Name	Diamond Hills Greenway Stream Stabilization



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-003
Project Name	Four Mile Creek Channel Stabilization-East 1st St

Description

Improvements to address safety, functionality, sedimentation, erosion, and associated issues within Four Mile Creek, located downstream of E 1st Street for approximately one-quarter (¼) of a mile. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project. The construction cost estimate is \$1,320,000 for 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					150,000	150,000
Survey/Preliminary Analysis				160,000		160,000
Total				160,000	150,000	310,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				95,000	90,000	185,000
Abated						
Other Grants				65,000	60,000	125,000
Total				160,000	150,000	310,000

Budget Impact/Other

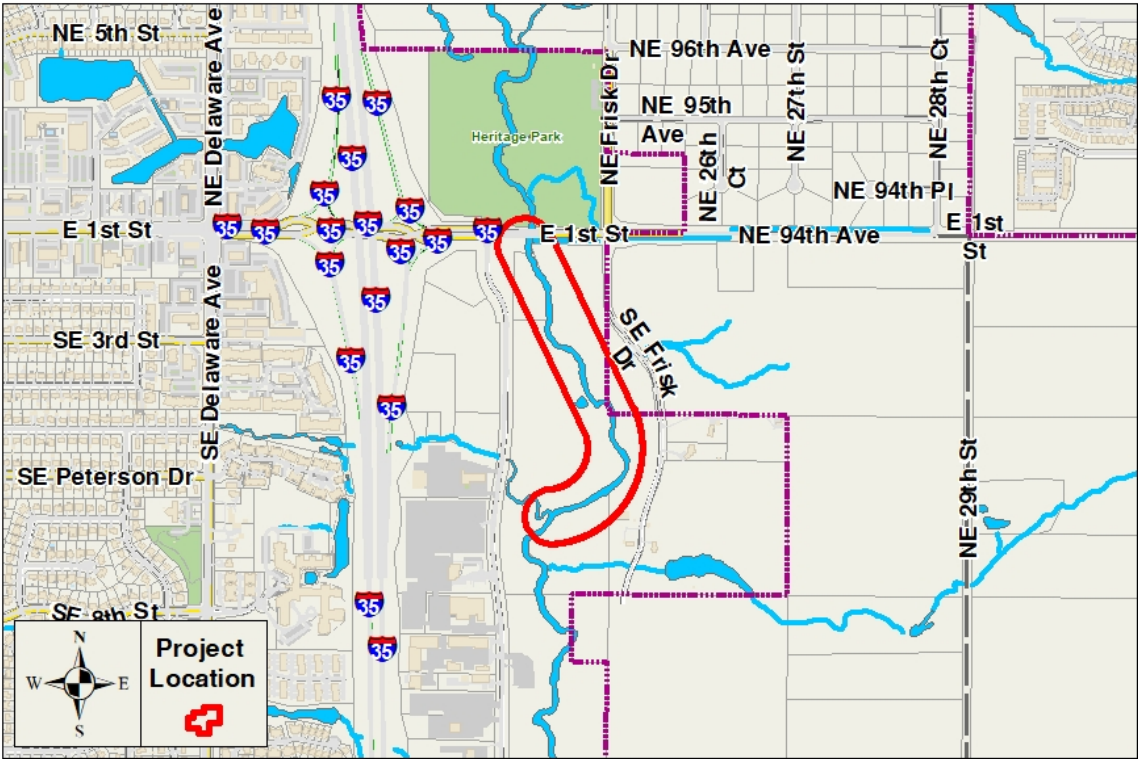
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-003
Project Name	Four Mile Creek Channel Stabilization-East 1st St



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-004
Project Name	Four Mile Creek Channel Stabilization-NE 36th St

Description

Improvements to address safety, functionality, sedimentation, erosion, and associated issues within Four Mile Creek, between NE 36th Street and NE 47th Street. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed early 2023, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project. The construction cost estimate is \$2,265,000 for 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					260,000	260,000
Survey/Preliminary Analysis				270,000		270,000
Total				270,000	260,000	530,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				165,000	155,000	320,000
Abated						
Other Grants				105,000	105,000	210,000
Total				270,000	260,000	530,000

Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

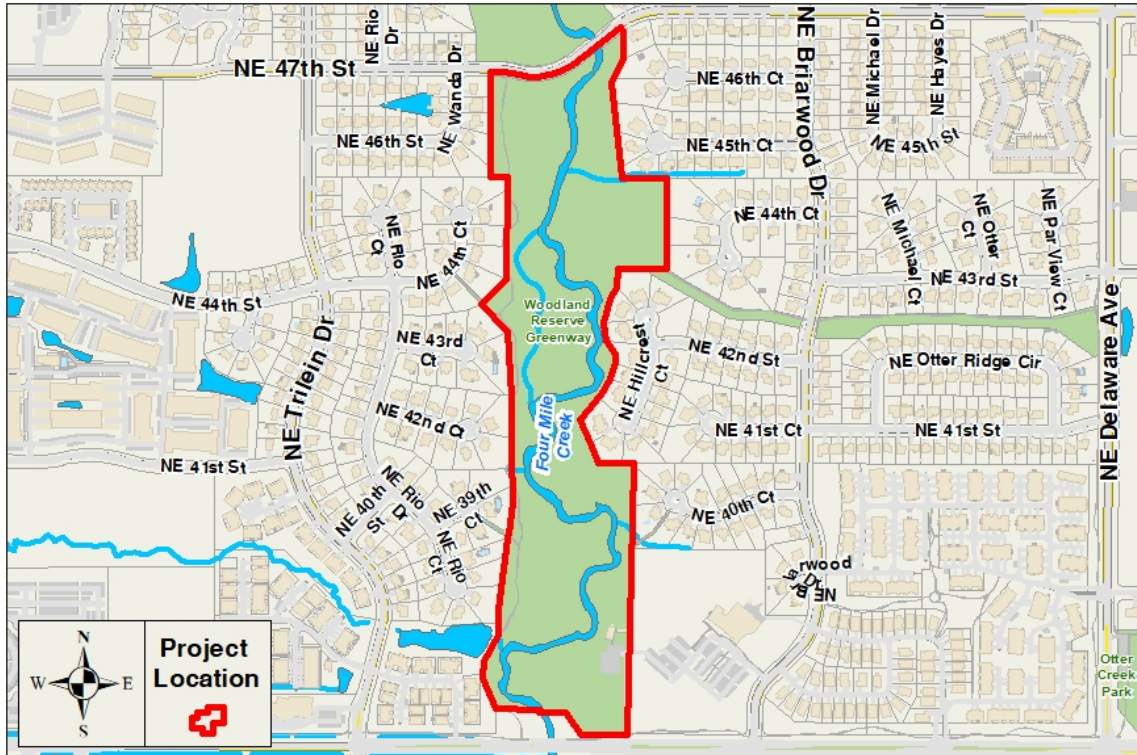
City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # STM-22-004

Project Name Four Mile Creek Channel Stabilization-NE 36th St



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-005
Project Name	Saylor Creek Tributary Channel Improvements

Description

Comprehensive improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within a tributary to Saylor Creek, between SW State Street and SW Oralabor Road. The improvements may include clearing and grubbing to remove flow impediments; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the concept study, survey and preliminary design to be completed in 2026; and the final design and permitting in 2027. Construction (including construction engineering) is anticipated to occur in 2028, and the estimated construction cost is \$3,400,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				210,000		210,000
Engineering-Construction Services					400,000	400,000
Construction Costs					3,000,000	3,000,000
Survey/Preliminary Analysis			190,000			190,000
Total			190,000	210,000	3,400,000	3,800,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated			190,000	210,000	3,000,000	3,400,000
Storm Water Fund					400,000	400,000
Total			190,000	210,000	3,400,000	3,800,000

Budget Impact/Other

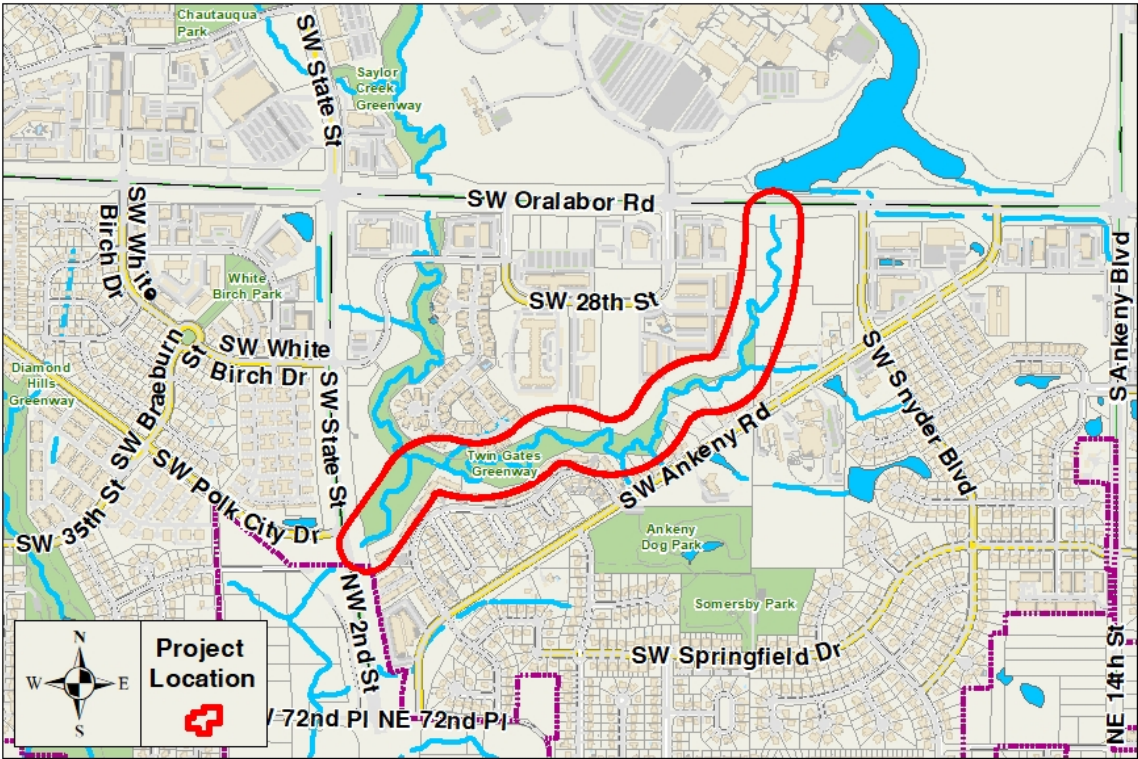
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-005
Project Name	Saylor Creek Tributary Channel Improvements



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-23-001
Project Name	Four Mile Channel Stabilization-Heritage Park

Description

Improvements to address safety, functionality, sedimentation, erosion and associated issues within Four Mile Creek, located through Heritage Park. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation, and 50% NRCS funding for construction of the project. The construction cost estimate is \$770,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					90,000	90,000
Survey/Preliminary Analysis				95,000		95,000
Total				95,000	90,000	185,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				45,000	40,000	85,000
Abated						
Other Grants				50,000	50,000	100,000
Total				95,000	90,000	185,000

Budget Impact/Other

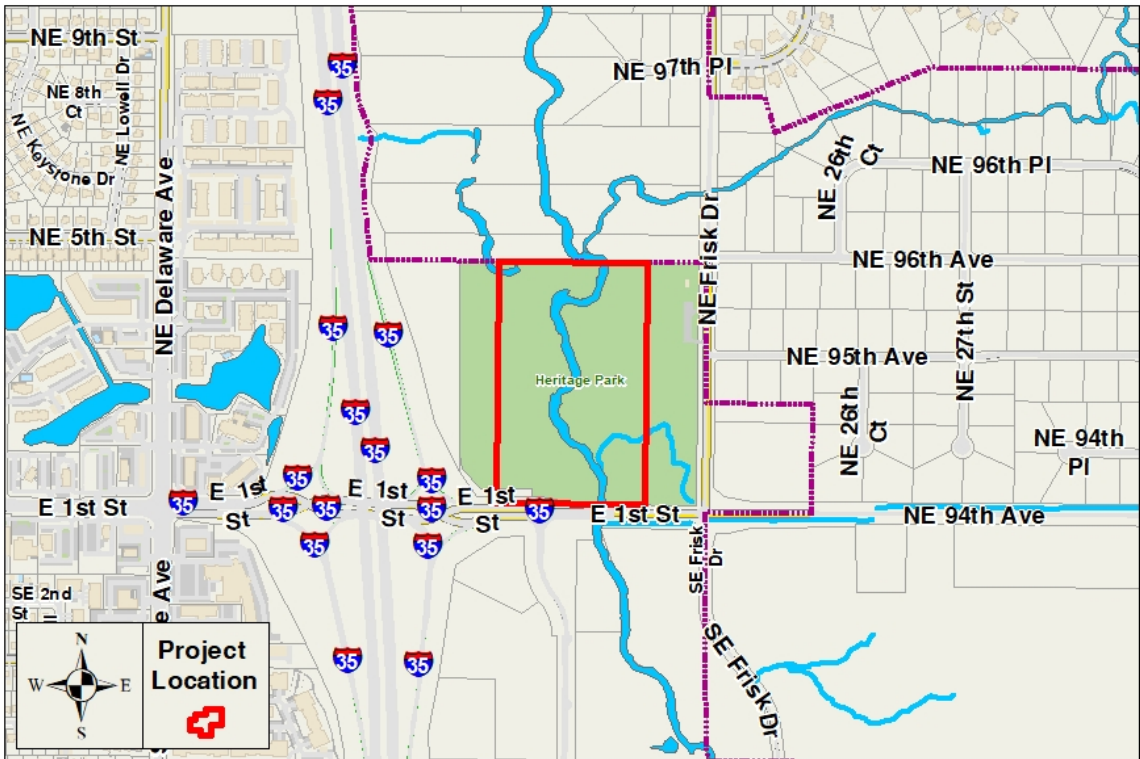
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-23-001
Project Name	Four Mile Channel Stabilization-Heritage Park



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-24-001
Project Name	NW 17th St Storm Sewer and Pavement Improvements

Description
Replace deteriorated storm sewer intakes and storm sewer pipes on NW 17th Street between the 2400 block of NW 17th Street and the 1300 block of NW Linden Street. Pavement reconstruction with rock subbase and longitudinal subdrains will also be included within the limits of the storm sewer improvements.
The breakdown of the estimated project costs are as follows:
•\$390,000 (approximately 42%) of the total project cost is associated with the stormwater infrastructure improvements.
•\$530,000 (approximately 58%) of the total project cost is associated with the street pavement infrastructure improvements.

Justification
The storm sewer intake structures and storm sewer pipes within the project limits have been identified by City staff as needing to be replaced in the near term. Many of the structures have significant cracks, voids, and eroded bases. In addition, the pavement within the project limits was identified by the Iowa Pavement Management Program (IPMP) 2021 City PCI Ratings as being in “poor” condition. It is assumed the engineering design and construction inspection for the project will be primarily completed by Public Works Stormwater Division staff, with some work (such as construction surveying and staking) being completed by an engineering consultant.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs		890,000				890,000
Survey/Preliminary Analysis	20,000	10,000				30,000
Total	20,000	900,000				920,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	11,600	522,000				533,600
G.O. Bonds - Storm Water Abated	8,400	378,000				386,400
Total	20,000	900,000				920,000

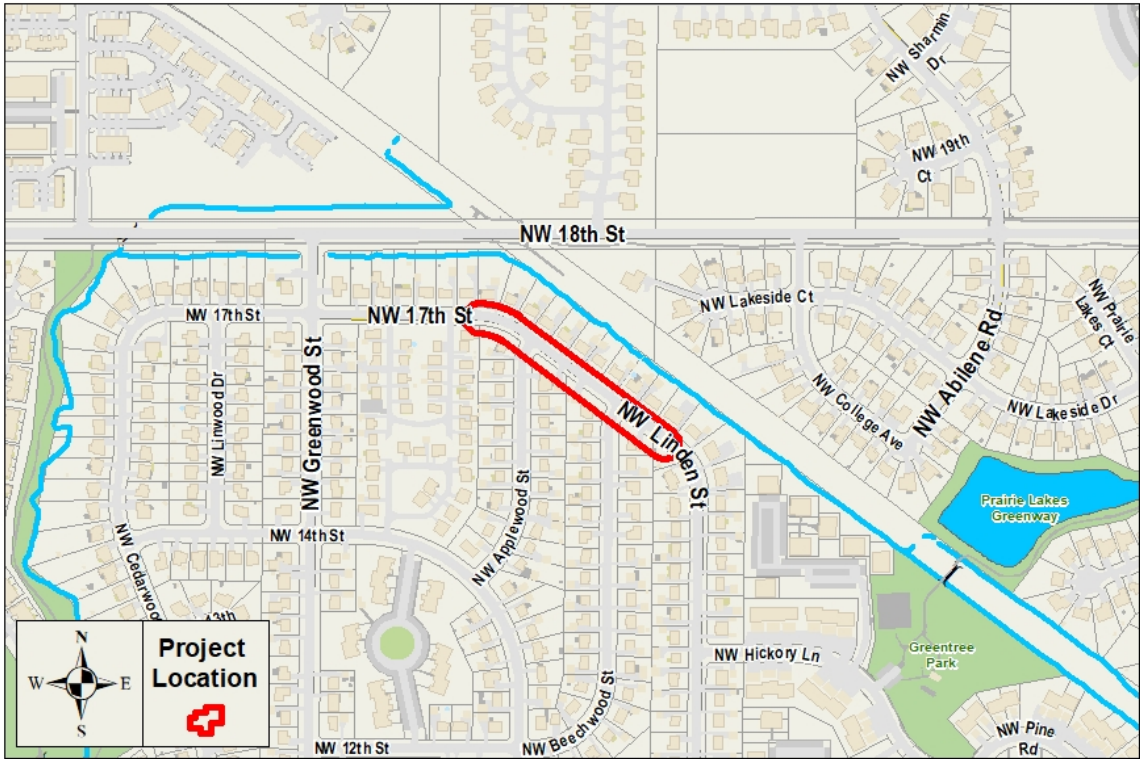
Budget Impact/Other						
The storm sewer replacement work will reduce the annual maintenance costs for the City because the Public Works Department will not have to repair existing storm sewer intakes and pipes. Also, the pavement replacement will reduce the annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavement.						
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-6,000	-6,000	-6,000	-18,000
Total			-6,000	-6,000	-6,000	-18,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-24-001
Project Name	NW 17th St Storm Sewer and Pavement Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Storm Water

Project # STM-24-002

Project Name SW Des Moines Street Utility Improvements

Description

Construction of storm sewer infrastructure improvements along SW Des Moines Street between SW Kenworthy Drive and SW Ordinance Road. The project will include replacing the existing sanitary sewer and constructing a new sanitary sewer at a lower depth; replacing the existing 4" water main with 8" water main; constructing footing drain/sump pump collector lines; and replacing the existing 30' wide street with new 31' wide PCC pavement and associated driveway and sidewalk replacement. The proposed project will be coordinated with the Municipal Utilities Department.

Justification

The primary purpose of this project is to replace the existing storm sewer infrastructure that was constructed in the 1940's and 1950's and has significantly deteriorated. Adding sump pump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. Replacing the existing sanitary sewer at a lower depth will help reduce maintenance issues with the sanitary sewer. Replacing the existing water main with 8-inch PVC will provide adequate fire flows and help reduce maintenance issues. The existing right-of-way along the project corridor varies from 49 to 58 feet. Additional right-of-way would need to be acquired to have a uniform right-of-way width. The pavement within the project limits was identified by the Iowa Pavement Management Program (IPMP) 2021 City PCI Ratings as being in "poor" condition. The proposed project schedule includes design work in 2024, with construction in 2025 (assumed 75% of the overall) and 2026 (assumed 25% of the overall). The construction cost estimate includes approximately \$300,000 for storm sewer improvements, \$300,000 for sanitary sewer improvements, and \$300,000 for water main improvements. The estimated cost to replace the street, sidewalks, and driveways is approximately 35% of the total estimated construction cost. The funding breakdown proposed for this project is 33.33% stormwater, 33.34% sanitary sewer, and 33.33% water funds.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	190,000					190,000
Engineering-Construction Services		90,000	30,000			120,000
Construction Costs		1,425,000	475,000			1,900,000
Land/ROW Acquisition	45,000					45,000
Total	235,000	1,515,000	505,000			2,255,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	78,333	505,000	168,333			751,666
Sewer Fund	78,334	505,000	168,334			751,668
Water Fund	78,333	505,000	168,333			751,666
Total	235,000	1,515,000	505,000			2,255,000

Budget Impact/Other

In the long term, replacing the deteriorated storm sewer infrastructure, the sanitary sewer, water main, and street pavement will reduce annual maintenance costs for the Public Works and Municipal Utilities Departments.

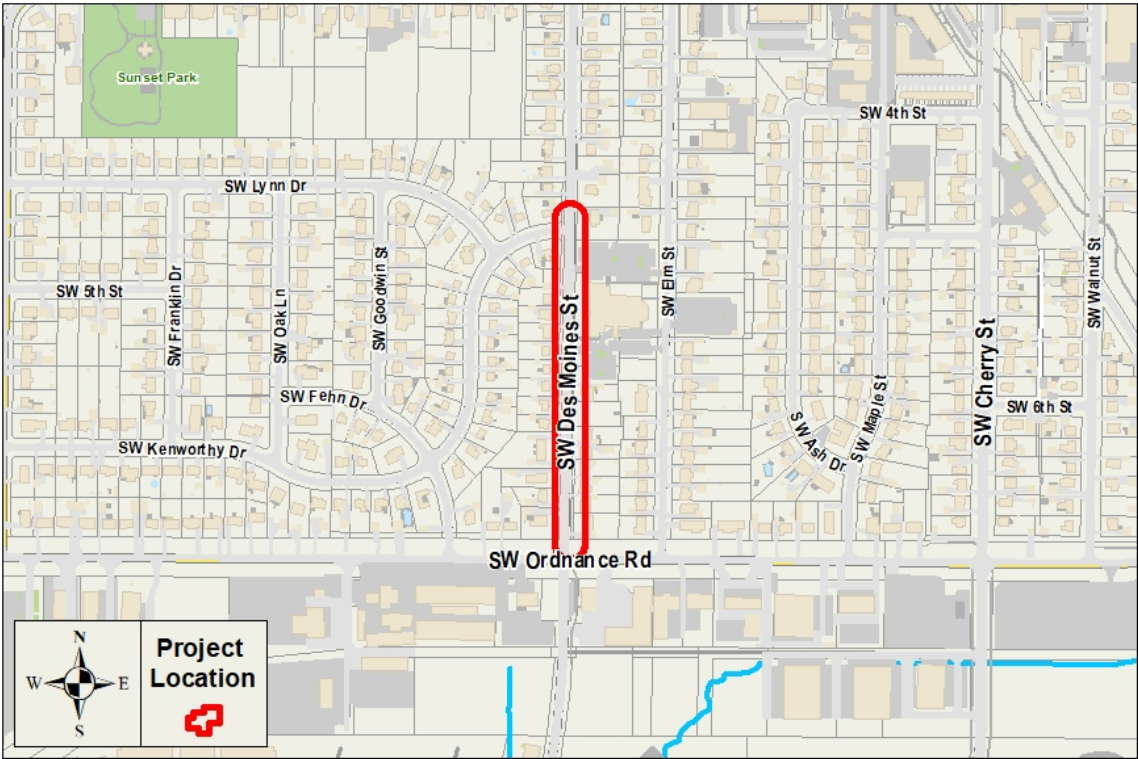
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-9,000	-9,000	-18,000
Total				-9,000	-9,000	-18,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-24-002
Project Name	SW Des Moines Street Utility Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Streets and Alleys

Project # STR-00-001

Project Name Annual PCC Street Patching Program

Description

This program includes both small-scale and large-scale PCC street patches on local, collector, and arterial streets along with manhole boxout repairs throughout the City. The Annual PCC Street Patching Program is designed and inspected in-house by Public Works Engineering Division staff. Patching locations are selected based on an annual field assessment of existing deteriorated street conditions.

The Annual PCC Street Patching Program, along with the Annual Sanitary Sewer Replacement Program and the Annual Water Main Replacement Program, also funds one-third of the annual neighborhood utility improvements projects. These include:

- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
 - o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
 - o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)
- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):
 - o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
 - o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
 - o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
 - o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
 - o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The Annual PCC Street Patching Program addresses the most critical street defects on the City's streets. Once the condition of the deteriorated streets is beyond being maintained by preventative measures such as joint preservation and partial depth repair, it becomes very important to maintain the older streets as they continue to deteriorate over time in order to delay cost-prohibitive full street reconstruction. The types of patching included with the annual patching project range from small-scale isolated patches (three panels or less) to large-scale truss screed patches (up to one city block in length). The funding allocated for the Annual PCC Street Patching Program included within the table below assumes a \$900,000 patching project in 2024 with incremental \$50,000 increases each year to \$1,100,000 in 2028.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	8,500,000
Survey/Preliminary Analysis	100,000					100,000
Total	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Total	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000

Budget Impact/Other

The utility and pavement improvement projects will replace and upgrade existing sanitary sewer, water main, storm sewer, and pavement infrastructure which will reduce annual maintenance costs for the City's Public Works and Municipal Utilities Departments. The street patching will extend the service life of existing concrete streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective maintenance (e.g. asphalt cold patching) on the existing pavements.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-60,000	-72,000	-84,000	-96,000	-108,000	-420,000
Total	-60,000	-72,000	-84,000	-96,000	-108,000	-420,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-001

Project Name Annual PCC Street Patching Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Streets and Alleys

Project # STR-00-002

Project Name Annual Asphalt Street Resurfacing Program

Description

The Annual Asphalt Street Resurfacing Program historically focused on the HMA overlay of old Polk County rural roadways that were annexed within the City of Ankeny corporate limits. Recent projects have focused on overlaying existing asphalt streets within the interior of the City. These projects are typically designed and construction administered by Public Works Engineering Division staff. This program also funds cost-sharing of asphalt overlays with Polk County on roadways jointly administered by the County and the City. The 2023 Pavement Management Study and Master Plan will aid in determining future projects.

The specific projects for 2024 include:

- SW Ordinance Road from 500 feet east of SW Westview Drive to 100 feet west of SW Maple Street, HMA overlay (\$375,000 construction)
- NE Frisk Drive from East 1st Street to NE 18th Street, HMA overlay (\$100,000 cost share with Polk County)

Potential future projects:

- 2025: SW Ordinance Road from SW State Street to 500 feet east of SW Westview Drive, HMA overlay with miscellaneous PCC patching (\$300,000 construction)
- 2025: NW 54th Street from west corporate limits to U.S. Highway 69, HMA overlay (\$75,000 cost share with Polk County)
- SW Goodwin Street, HMA paving of existing granular street (\$150,000 construction)
- Public alleyways between SW Cherry Street and SW Walnut Street, from West 1st Street to SW 3rd Street, HMA overlay
- NW 5th Street from NW Weigel Drive to NW Irvinedale Drive – HMA overlay or slurry level
- NE Delaware Avenue from NE 36th Street to NE 54th Street – HMA overlay or slurry level
- SE Oralabor Road from 250 feet east of SE Four Mile Drive to bridge over Four Mile Creek – HMA overlay
- SW Polk City Drive from Oralabor Frontage Drive to SW State Street – HMA overlay

Justification

Significant progress has been made on overlaying existing asphalt rural roadways along the exterior of the City. Public Works staff has identified potential projects in the interior of the City that could benefit from the annual HMA program by overlaying existing asphalt streets.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	475,000	375,000	375,000	375,000	375,000	1,975,000
Total	475,000	375,000	375,000	375,000	375,000	1,975,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	100,000					100,000
G.O. Bonds	375,000	375,000	375,000	375,000	375,000	1,875,000
Total	475,000	375,000	375,000	375,000	375,000	1,975,000

Budget Impact/Other

This program will extend the service life of existing asphalt streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavements.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-12,000	-14,000	-16,000	-18,000	-20,000	-80,000
Total	-12,000	-14,000	-16,000	-18,000	-20,000	-80,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-002

Project Name Annual Asphalt Street Resurfacing Program



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2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Maintenance
Useful Life 20 years
Category Streets and Alleys

Project #	STR-00-003
Project Name	Annual Pavement Preservation Program

Description
The Annual Pavement Preservation Program addresses the need for routine, preventative maintenance of the existing concrete streets within Ankeny. The pavement preservation work consists of: •Pavement Crack and Joint Preservation project for sawing, cleaning, and refilling of existing cracks and joints: 2024 – \$325,000 (construction) with incremental \$25,000 increases to \$425,000 in 2028. •Partial Depth Repair (PDR) Patching project for approximately 12-inch wide concrete pavement (adjacent to and including joints) that has deteriorated beyond the point of less expensive joint repair: 2024 – \$375,000 (construction) with incremental \$25,000 increases to \$475,000 in 2028. Public Works Engineering Division staff completes the design and administers the construction for this program. Locations of the crack and joint refilling and also the partial depth repairs are determined by Engineering Division staff based on an annual field assessment of existing deteriorated street conditions throughout the City.

Justification
This program is very important in extending the useful life and improving the aesthetics of the City’s concrete streets. Public Works Engineering Division staff completes the design and administers the construction for this program. In 2024, the allocation will be used for joint and crack filling and/or partial depth repair to City streets (residential/collector/arterial) that are approximately 20 years old. These preventative maintenance measures are the primary and most economical means of extending the useful life of the City’s streets and maintaining the Pavement Condition Index (PCI), thereby reducing the need for more expensive pavement repair methods such as full depth patching and complete reconstruction. Industry standards published by the Concrete Pavement Technology Center (CP Tech Center) at Iowa State University recommend that pavement preservation be performed on existing streets every 8 to 10 years in order to extend their useful life.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	700,000	750,000	800,000	850,000	900,000	4,000,000
Total	700,000	750,000	800,000	850,000	900,000	4,000,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	700,000	750,000	800,000	850,000	900,000	4,000,000
Total	700,000	750,000	800,000	850,000	900,000	4,000,000

Budget Impact/Other						
This program will extend the service life of existing concrete streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. asphalt cold patching) on the existing pavements.						
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-11,000	-15,000	-19,000	-23,000	-27,000	-95,000
Total	-11,000	-15,000	-19,000	-23,000	-27,000	-95,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-003

Project Name Annual Pavement Preservation Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-00-004

Project Name Annual Street Replacement Program

Description

Full-depth pavement removal and replacement of concrete streets determined to be in poor to very poor condition as rated by the Pavement Condition Index (PCI). Older (1970's) streets were identified in the 2008 Pavement Management Study. However, several newer (1990's) streets have now also been identified by the updated 2023 Pavement Management Study and Master Plan. Projects include pavement reconstruction with C-SUD concrete mix, rock subbase, and longitudinal subdrain, along with spot location replacement of deteriorated storm or sanitary sewer and/or replacement of undersized water main.

Public Works Engineering Division staff coordinates with the Stormwater Division and the Municipal Utilities Department to determine whether existing public utilities within the street reconstruction corridor need any repair and/or replacement. The engineering design and construction inspection associated with this program is primarily completed by Engineering Division staff. Future projects that have been identified include:

•2024:

oNW Ash Drive - Prairie Ridge Sports Complex south access to NW 18th Street: \$950,000 (construct)

oNW Westwood Street - NW 5th Street to NW 9th Street: \$850,000 (construct)

oSW School Street and SW 16th Street and SW 18th Street Intersections: \$75,000 (cost-share)

•2025:

oSE 8th Street – SE Sharon Drive to SE Trilein Drive: \$1,100,000 (construct)

oNE Trilein Drive - East 1st Street to NE 3rd Street: \$575,000 (construct)

•2026-2028: TBD based on the Pavement Management Study and Public Works field evaluations.

Justification

The older (1970's) sections of Ankeny have streets that are deteriorating due to their advanced age. Many of these older streets have significant cracks, spalls, poor subgrade, etc. The newer (1990's) sections of Ankeny have streets that are deteriorating at an accelerated rate due to the concrete mixes utilized during that time that perform poorly when subjected to salt and brine during the winter. Many of these newer streets have significant joint failures, asphalt cold patching, lack of rock subbase and longitudinal subdrain, etc. The Public Works Engineering Division has the above locations and additional streets identified for replacement.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000
Total	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	875,000	1,675,000	1,800,000	1,900,000	2,000,000	8,250,000
Road Use Tax Fund	1,000,000					1,000,000
Total	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000

Budget Impact/Other

This program will reduce the annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavements. Projects with proposed utility repair and/or replacement will reduce annual maintenance costs for the City because the Public Works and Municipal Utilities Departments will not have to repair existing deteriorated structures and/or pipes.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-25,000	-30,000	-35,000	-40,000	-45,000	-175,000
Total	-25,000	-30,000	-35,000	-40,000	-45,000	-175,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-004

Project Name Annual Street Replacement Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-14-006
Project Name	NE Delaware Avenue Reconstruction-5th to 18th

Description

Reconstruction of NE Delaware Avenue from a two-lane rural roadway to a four-lane divided urban street with left turn lanes at the intersections from just north of NE 5th Street to 700 feet north of NE 18th Street. The project also includes new permanent traffic signals at the NE Delaware Avenue and NE 5th Street and NE 18th Street intersections, fiber optic interconnect from East 1st Street to NE 18th Street, and removal of the existing reinforced concrete box (RCB) culvert and replacement with a triple 12 feet x 8 feet RCB culvert for Tributary A to Four Mile Creek.

Justification

Widening and reconstructing the roadway will allow for improved traffic mobility and safety in the NE Delaware Avenue corridor, as the City continues to grow. The first year of construction occurred in 2023 and the second year of construction is scheduled for 2024; landscaping improvements are anticipated to occur in 2025. Federal STBG-Swap funding in the amount of \$3,000,000 has been obtained through the Des Moines Area MPO. Traffic Safety Improvement Program (TSIP) funding in the amount of \$500,000 has been obtained through the Iowa DOT.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	375,000	25,000				400,000
Construction Costs	5,250,000	125,000				5,375,000
Street Lighting	225,000					225,000
Total	5,850,000	150,000				6,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	250,000					250,000
G.O. Bonds	4,100,000	150,000				4,250,000
MPO/STBG Grants	1,500,000					1,500,000
Total	5,850,000	150,000				6,000,000

Budget Impact/Other

The additional public street pavement and 8-ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing street will reduce annual maintenance costs for the City because the Public Works Department will not have to do patching and crack and joint sealing on the existing pavement. The traffic signal, fiber optic interconnect, and public utility infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments. The new traffic signal and streetlights will result in additional electric power costs for the City.

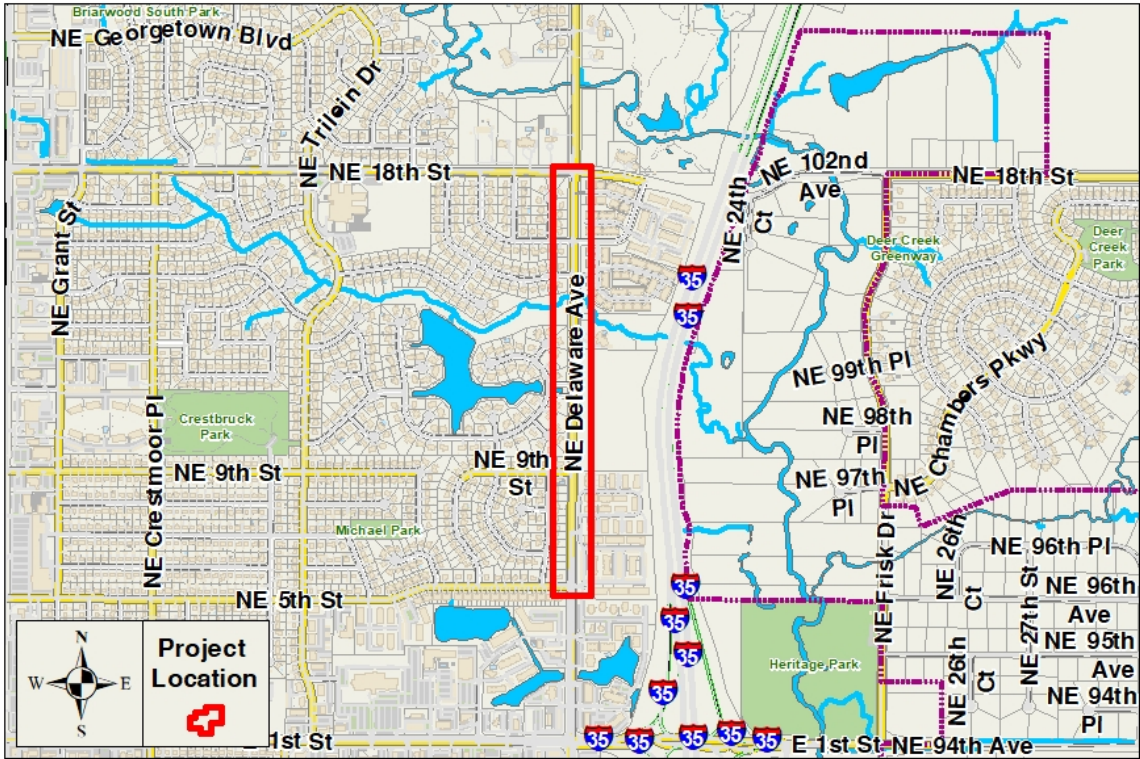
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	2,000	4,000	4,000	4,000	4,000	18,000
Utilities	3,500	6,000	6,000	6,000	6,000	27,500
Total	5,500	10,000	10,000	10,000	10,000	45,500

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-14-006
Project Name	NE Delaware Avenue Reconstruction-5th to 18th



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-16-003
Project Name	SW Oralabor Rd and SW Irvinedale Dr Intersection

Description
Reconstruction of the SW Oralabor Road (Iowa Highway 415) and SW Irvinedale Drive intersection. The project includes a traffic study, conceptual design, and surveying in 2025; design engineering services, right-of-way acquisition, and utility relocations in 2026; and construction engineering services and project construction in 2027. Due to SW Oralabor Road (Iowa Highway 415) being a joint jurisdictional roadway, the proposed improvements would need to be coordinated with the Iowa DOT. The SW Oralabor Frontage Road and SW 28th Street intersection located directly south of the main intersection would also be included as a part of the traffic study, and may be improved with the project.

Justification
The purpose of this project is to improve traffic safety and mobility at the SW Oralabor Road and SW Irvinedale Drive intersection. This project will modify the configuration of the traffic lanes to achieve better traffic operations and mobility and improve safety at the intersection. From 2017-2021, there were more than 50 crashes at this intersection. It is anticipated that the City would apply for Traffic Safety Improvement Program (TSIP), Urban-State Traffic Engineering Program (U-STEP), and Iowa Clean Air Attainment Program (ICAAP) funding through the Iowa DOT. In addition, it is anticipated that the Iowa DOT would contribute Resurfacing, Restoration, or Rehabilitation (3R) funds to this project due to SW Oralabor Road being a State highway.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		200,000	450,000			650,000
Engineering-Construction Services				425,000		425,000
Construction Costs				4,225,000		4,225,000
Street Lighting				50,000		50,000
Land/ROW Acquisition			50,000			50,000
Total		200,000	500,000	4,700,000		5,400,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund		200,000	500,000	1,519,000		2,219,000
FHWA/IDOT Grants				1,250,000		1,250,000
G.O. Bonds - TIF Abated				1,931,000		1,931,000
Total		200,000	500,000	4,700,000		5,400,000

Budget Impact/Other
In the long-term, the City’s maintenance costs should not increase because no additional traffic lanes on SW Irvinedale Drive are anticipated at the intersection, and the pavement and traffic signal infrastructure will be improved. The Iowa DOT maintains SW Oralabor Road (Iowa Highway 415).

City of Ankeny, Iowa

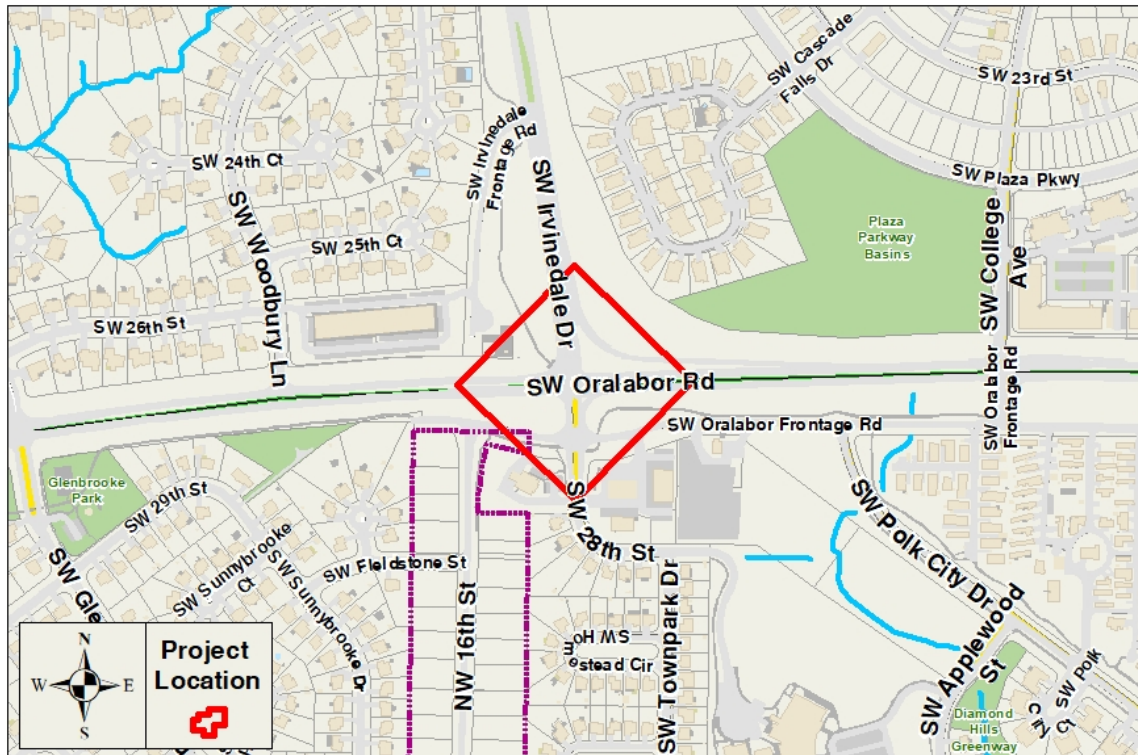
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-16-003**

Project Name SW Oralabor Rd and SW Irvinedale Dr Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-18-003

Project Name NW 36th St Reconstruction-Irvinedale to Abilene

Description

Reconstruction of NW 36th Street from NW Irvinedale Drive to NW Abilene Road. The project includes construction of a new two-lane concrete urban street that will serve as the eastbound lanes when the four-lane divided street is constructed in the future. Storm sewer improvements to accommodate the future four-lane divided street are also included. Sanitary sewer and water main are assumed to be constructed with development along the corridor in advance of the roadway reconstruction. This project includes the reconstruction at the NW 36th Street and NW Irvinedale Drive intersection, along with adding a traffic signal and left and right turn lanes at all four legs of the intersection. The project also includes adding a traffic signal, left turn lanes, and a westbound right turn lane at the NW 36th Street and NW Abilene Road intersection. The existing 5-ft. wide sidewalk along the majority of the south side of NW 36th Street from NW Irvinedale Drive to NW Abilene Road will be replaced with an 8-ft. wide sidewalk..

Justification

It is anticipated that traffic volumes will necessitate reconstructing NW 36th Street from NW Irvinedale Drive to NW Abilene Road within the next five years. This segment of NW 36th Street received an asphalt overlay in 2015; however, traffic is expected to continue increasing due to the adjacent development to the west and east of NW Irvinedale Drive. Survey and preliminary design are planned for 2026; final design, right-of-way acquisition, and utility relocations are planned for 2027; construction and consultant inspection are planned for 2028; and landscaping improvements are planned for 2029. It is estimated that approximately \$1,500,000 of the \$7,325,000 construction cost estimate will be financed by special assessments to the adjacent property owners, similar to previous projects along NW 36th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			200,000	600,000		800,000
Engineering-Construction Services					525,000	525,000
Construction Costs					6,650,000	6,650,000
Street Lighting					150,000	150,000
Land/ROW Acquisition				100,000		100,000
Total			200,000	700,000	7,325,000	8,225,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				410,000	7,325,000	7,735,000
Special Assessments			200,000	290,000		490,000
Total			200,000	700,000	7,325,000	8,225,000

Budget Impact/Other

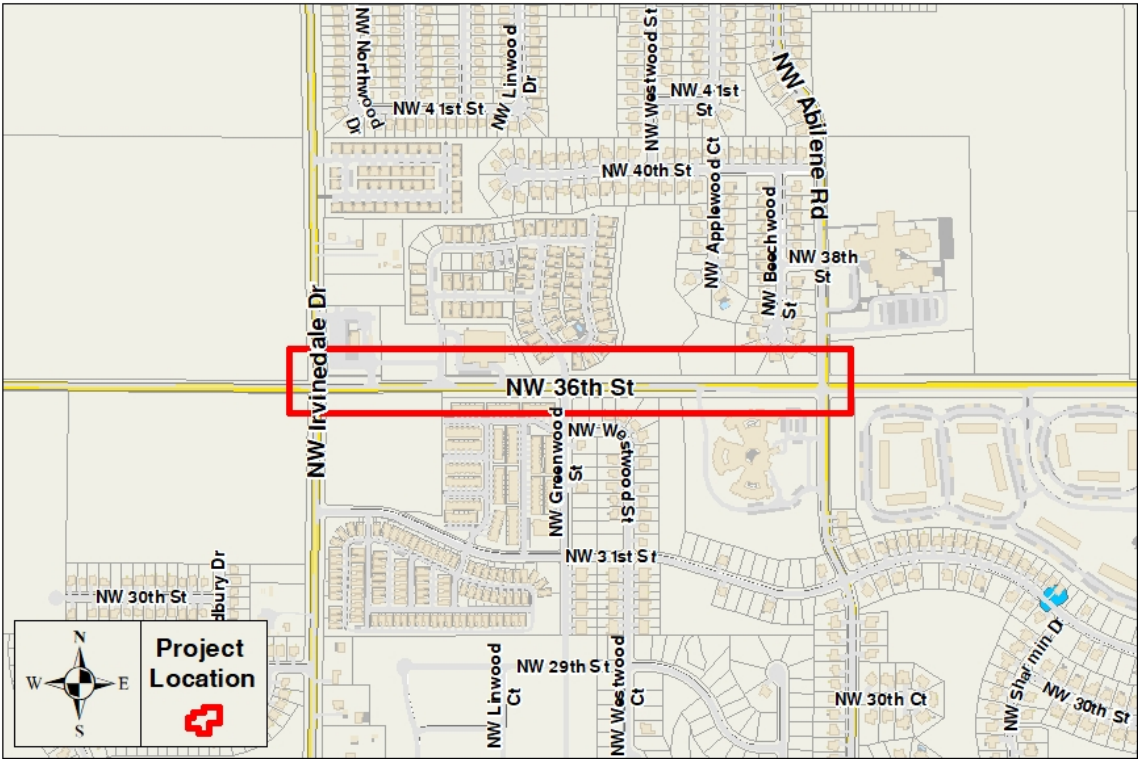
The additional public street pavement and 8 ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing asphalt roadway with a concrete street will reduce annual maintenance costs for the City because the Public Works Department will not have to do pavement preservation on the existing asphalt. The additional storm sewer infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments, and the new traffic signals and streetlights will result in additional electric power costs to the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-18-003
Project Name	NW 36th St Reconstruction-Irvinedale to Abilene



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys

Project #	STR-18-004
Project Name	NW 18th Street Extension-Spruce to Highway 415

Description
Extension of NW 18th Street from NW Spruce Drive west approximately 2,700 feet to Iowa Highway 415. It is proposed to be a 41-ft. wide concrete street with a two-way left turn lane and curb and gutter. The project will also include 8-ft. wide sidewalk on the south side, sanitary sewer, storm sewer, water main, street lighting, fiber optic and conduit, signing, and street trees. In addition, the proposed project includes traffic signals at the intersection of NW 18th Street and Iowa Highway 415, and northbound and southbound turn lanes from Iowa Highway 415 onto NW 18th Street. Approximately \$2,100,000 of the estimated \$7,950,000 total construction cost is associated with the construction work on Iowa Highway 415. It is anticipated that the engineering and construction work on Iowa Highway 415 would be cost-shared with Polk County and the Iowa DOT. The proposed project schedule assumes consultant survey and preliminary design in 2027; right-of-way acquisition and final design in 2028; construction, consultant inspection, and street lighting in 2029 and 2030; and street trees in 2031.

Justification
This street extension will improve traffic mobility and support the current and anticipated future development in the northwest quadrant of Ankeny. The west portion of this project, where it ties into Iowa Highway 415, is currently outside the existing City limits.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				250,000	700,000	950,000
Land/ROW Acquisition					100,000	100,000
Total				250,000	800,000	1,050,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				250,000	800,000	1,050,000
Total				250,000	800,000	1,050,000

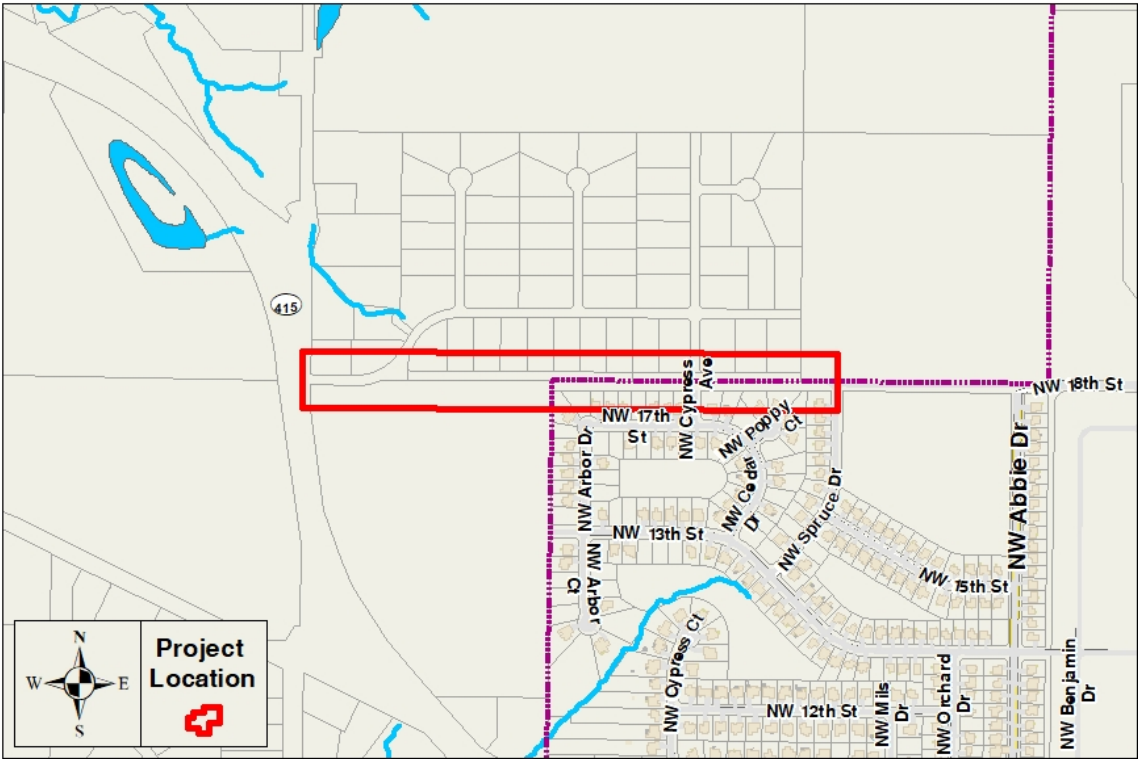
Budget Impact/Other
The added public street pavement and 8-ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional sanitary sewer, storm sewer and water main infrastructure will add annual maintenance costs for the City’s Public Works and Municipal Utilities departments. The new street lights will result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-18-004
Project Name	NW 18th Street Extension-Spruce to Highway 415



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Streets and Alleys

Project #	STR-19-004
Project Name	NW 36th St and NW Weigel Dr Asphalt Overlay

Description

This project involves Hot Mix Asphalt (HMA) resurfacing on NW 36th Street from NW Weigel Drive to NW Irvinedale Drive and on NW Weigel Drive from just north of NW 18th Street to NW 36th Street. Both of these streets are existing gravel roadways. The proposed surface for NW 36th Street is 24-ft. wide and 8-inch thick HMA with 1.5-ft. wide HMA shoulders. The proposed surface for NW Weigel Drive is 24-ft. wide and 7-inch thick HMA with 1.5-ft. wide HMA shoulders. This project also includes construction engineering services and construction.

Justification

This project will improve the driving surface of the existing gravel roadway, reduce the amount of dust coming from the roadway, reduce the maintenance associated with gravel roads, and help support the existing and future development occurring in this area. Approximately 1,300 feet of NW 36th Street from NW Weigel Drive to the east is joint-jurisdictional with Polk County (the north side of the roadway is currently outside Ankeny’s corporate limits). Cost-sharing for this section of the project was discussed with Polk County in September 2023, and the estimated cost-share amount is \$150,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	175,000					175,000
Construction Costs	2,275,000					2,275,000
Total	2,450,000					2,450,000

Funding Sources	2024	2025	2026	2027	2028	Total
County Contributions	150,000					150,000
G.O. Bonds	2,300,000					2,300,000
Total	2,450,000					2,450,000

Budget Impact/Other

This project will reduce annual maintenance costs for the City because the Public Works Department will not have to regularly maintain the existing gravel roadway.

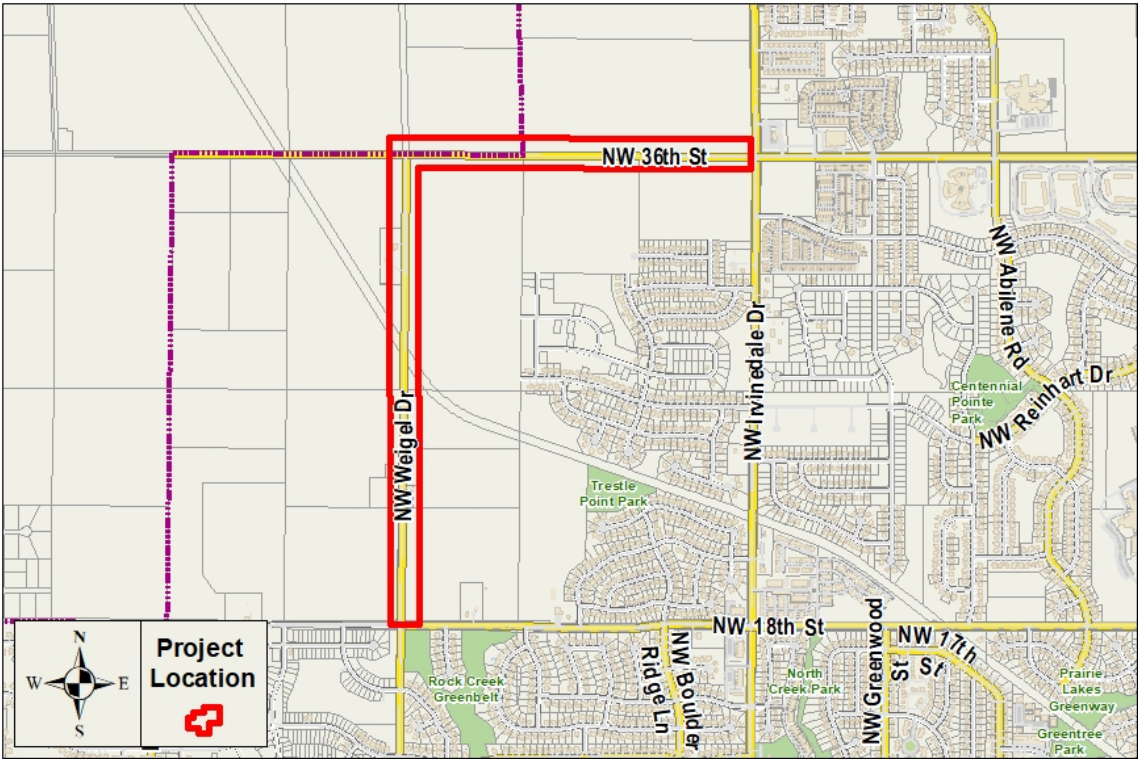
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		-30,000	-30,000	-30,000	-30,000	-120,000
Total		-30,000	-30,000	-30,000	-30,000	-120,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-19-004
Project Name	NW 36th St and NW Weigel Dr Asphalt Overlay



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department

Public Works

Contact

City Engineer

Type

Improvement

Useful Life

40 years

Category

Streets and Alleys

Project #	STR-19-006
Project Name	SW Oralabor Rd and SW Edgewood Ln Intersection

Description

Add eastbound and westbound left turn lanes on SW Oralabor Road at the SW Edgewood Lane/SW Stonehaven Lane intersection. Since SW Oralabor Road is also Iowa Highway 415, the project is being coordinated with the Iowa DOT. Public Works Engineering Division staff surveyed and designed the project in 2023, and anticipate inspecting this project in-house in 2024

Justification

The SW Oralabor Road (Iowa Highway 415) and SW Edgewood Lane/SW Stonehaven Lane intersection is the only intersection along SW Oralabor Road that does not have dedicated left turn lanes for westbound and eastbound traffic. Traffic volumes will likely continue to increase on SW Oralabor Road, and the speed limit in this section is 50 MPH. Therefore, adding left turn lanes at this intersection should improve traffic safety and mobility. The Iowa DOT supports the proposed project and has approved U-STEP funding for the project.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	250,000					250,000
Total	250,000					250,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000					50,000
FHWA/IDOT Grants	150,000					150,000
G.O. Bonds	50,000					50,000
Total	250,000					250,000

Budget Impact/Other

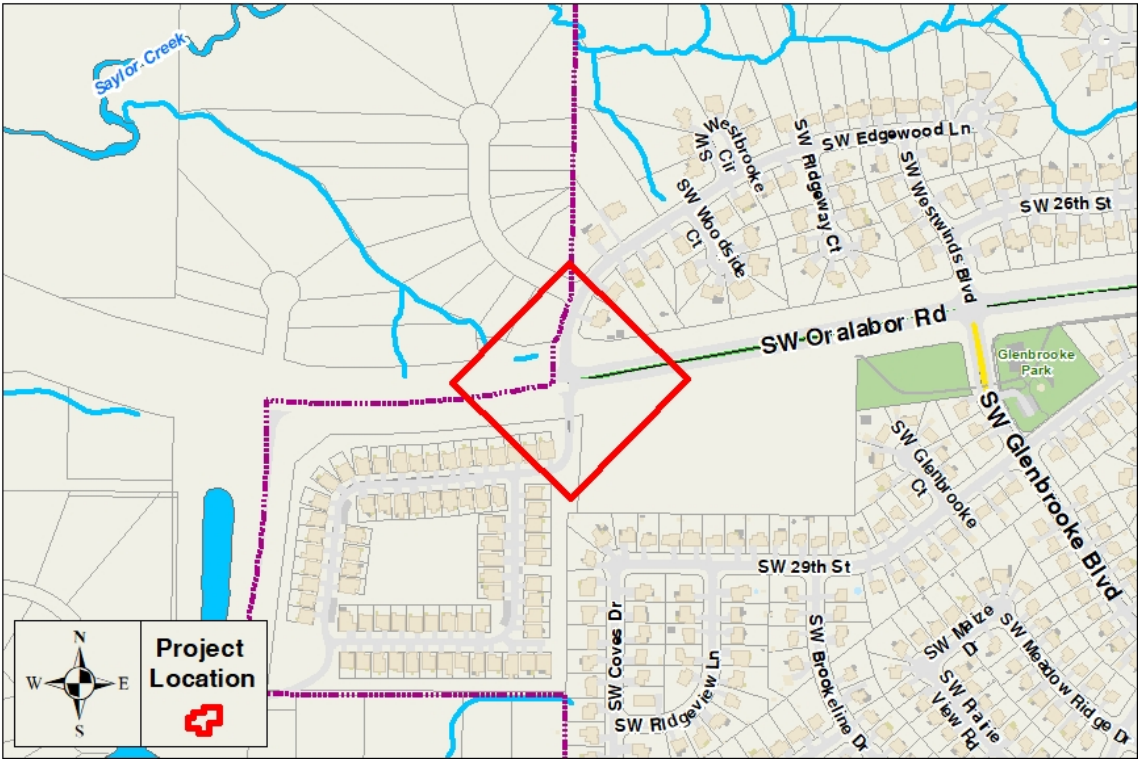
The Iowa DOT maintains SW Oralabor Road (Iowa Highway 415), so this project would not have an operating impact on the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-19-006
Project Name	SW Oralabor Rd and SW Edgewood Ln Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Streets and Alleys

Project #	STR-20-008
Project Name	SW Oralabor Rd and SW State St Intersection

Description

The proposed project will widen all legs of the intersection to provide right-turn lanes and dual left-turn lanes on all approaches. The project also includes traffic signal and pedestrian ramp upgrades.

Justification

The SW Oralabor Road and SW State Street intersection was listed in the 2019 Iowa Department of Transportation’s (DOT) Top 20 Safety Improvement Location Candidates at #6. The City’s safety study found that traffic demand on the intersection exceeds its capacity during peak periods and identified a pattern of correctable congestion-related crashes. The project will address the safety issues by providing additional capacity. The Oralabor Gateway Trail is a regional trail connection between the Neal Smith Trail system (to the west) and the Gay Lea Wilson Trail and High Trestle Trail systems (to the east) that runs along the south side of SW/SE Oralabor Road. The current at-grade crossing at SW State Street is very wide due to the rural roadway and granular shoulders on SW State Street. The street approach and the intersection as a whole carries an extremely large traffic volume. This includes a high number of right-turning vehicles and results in an at-grade trail crossing that is difficult to maneuver and has a higher probability of accidents between vehicles and pedestrians. A grade-separated crossing at this location would eliminate this situation. SW State Street and SW Oralabor Road (Iowa Highways 415 and 160) are joint jurisdictional streets with the Iowa DOT, so the project involved an Iowa DOT bid letting and continued coordination during the construction phase. The first year of construction occurred in 2023 and the second year of construction is scheduled for 2024. Federal STBG-TAP funding in the amount of \$1,050,000 and ICAAP funding in the amount of \$529,161 was obtained from the Des Moines Area MPO. U-STEP funding in the amount of \$400,000 and 3R funding in the amount of \$775,000 was obtained from the Iowa DOT. Approximately \$425,000 of the construction cost is associated with water main relocations.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	175,000					175,000
Construction Costs	3,250,000					3,250,000
Total	3,425,000					3,425,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	2,598,752					2,598,752
FHWA/IDOT Grants	352,500					352,500
MPO/STBG Grants	473,748					473,748
Total	3,425,000					3,425,000

Budget Impact/Other

The additional public street pavement on SW State Street, at the intersection’s north approach, will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. The Iowa DOT maintains Iowa Highways 415 and 160, so they would be responsible for maintaining the additional public street pavement at the intersection’s south, west and east approaches. The traffic signal improvements will replace existing City-owned infrastructure, so impacts to utility and maintenance costs will be negligible, or may be reduced with use of low-voltage equipment. After completion, the new grade-separated structure should require only a minor amount of maintenance each year. The Parks & Recreation Department would be required to maintain the tunnel during the winter months when plowing snow for the Oralabor Gateway Trail.

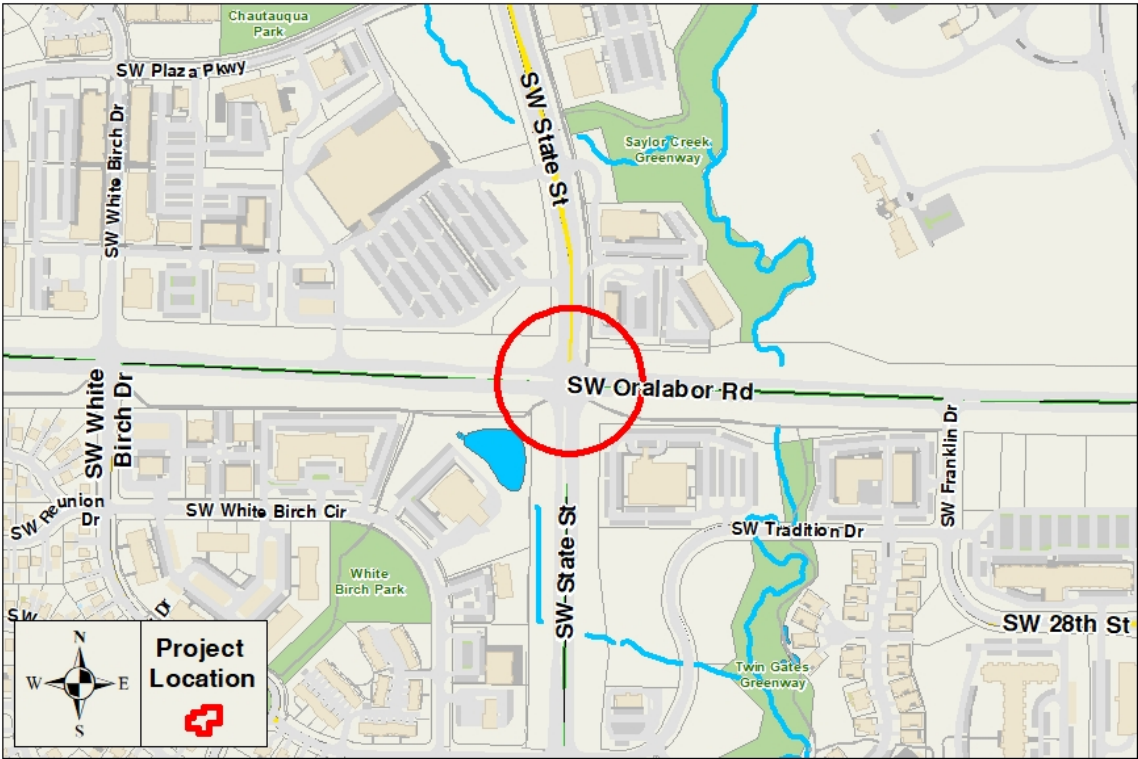
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	500	500	500	500	500	2,500
Total	500	500	500	500	500	2,500

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-20-008
Project Name	SW Oralabor Rd and SW State St Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-21-004
Project Name	NW Irvinedale Dr and NW 18th St Intersection

Description

Reconstruction of the NW Irvinedale Drive and NW 18th Street intersection to improve traffic capacity, mobility and safety. The reconstruction will provide an urban cross section on all legs of the intersection. Storm sewer infrastructure and subdrain are also included with the proposed improvements. The City and the engineering consultant are studying the intersection to determine if improvements include traffic signalization with dedicated left and right turn lanes or a roundabout. The engineering consultant will complete the traffic study in 2023 to determine which intersection will provide more safety and capacity.

Justification

NW Irvinedale Drive and NW 18th Street are arterial streets that serve a large portion of the traffic in the northwest part of the City. The intersection’s current geometry creates bottlenecks due to the lack of left and right turn lanes. Additionally, there are locations along NW Irvinedale Drive with steep side slopes that are considered potential safety issues should a driver errantly leave the road.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	375,000					375,000
Engineering-Construction Services		320,000				320,000
Construction Costs		3,535,000				3,535,000
Street Lighting		150,000				150,000
Land/ROW Acquisition		20,000				20,000
Total	375,000	4,025,000				4,400,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	375,000	4,025,000				4,400,000
Total	375,000	4,025,000				4,400,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional pavement and storm sewer infrastructure will add annual maintenance costs for the City’s Public Works Department. The additional streetlights will increase electric power costs for the City.

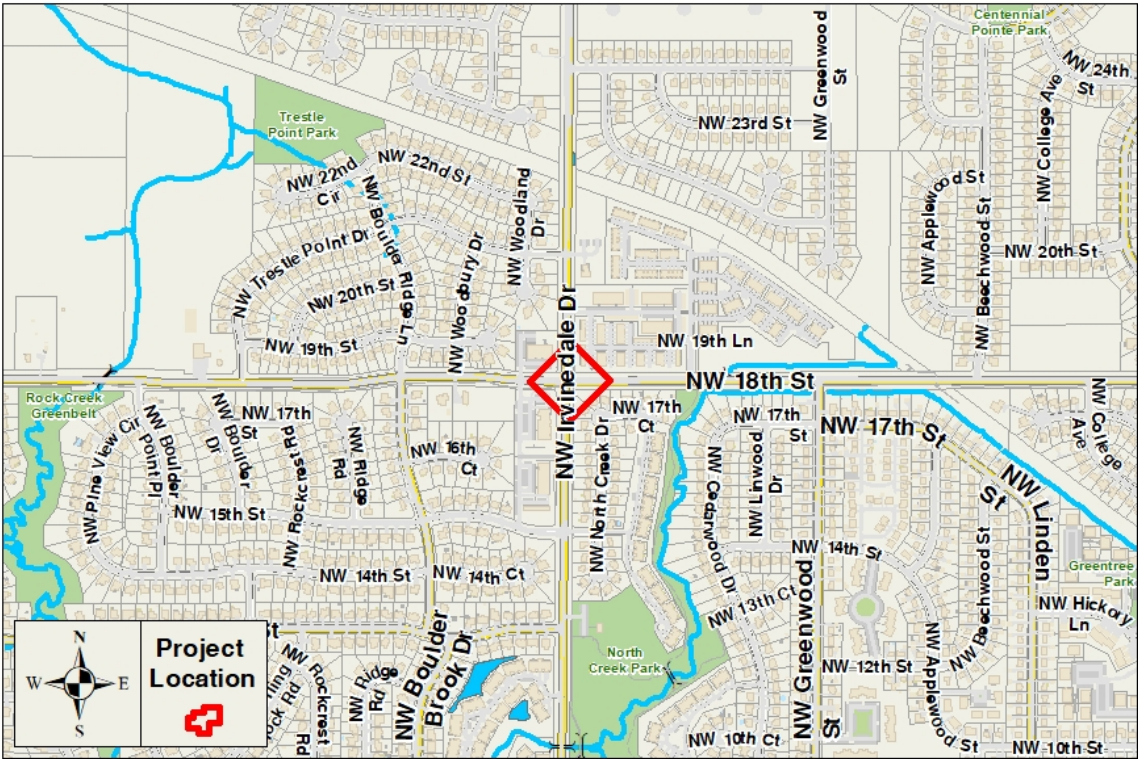
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			500	500	500	1,500
Utilities			1,000	1,000	1,000	3,000
Total			1,500	1,500	1,500	4,500

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-21-004
Project Name	NW Irvinedale Dr and NW 18th St Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-21-005

Project Name South Ankeny Blvd and SE Orallabor Rd Safety Impr

Description

The proposed project concept will add much-needed capacity to the intersection. A concept study will review the benefits and costs of non-traditional intersection configuration versus a traditional widening project (which the construction cost estimate in this request reflects). The project includes construction of a grade-separated crossing at the south leg of the intersection for the Orallabor Gateway Trail.

Justification

The South Ankeny Boulevard and SE Orallabor Road intersection was listed in the Iowa Department of Transportation's (DOT) Top 200 Safety Improvement Location Candidates in recent consecutive years. The City's safety study in 2020 found that the traffic demand on the intersection exceeds its capacity during peak periods and identified a pattern of correctable congestion-related crashes. The project will address the safety issues by providing additional capacity. These roads are joint jurisdictional with the Iowa DOT as U.S. Highway 69 and Iowa Highway 160, and Iowa DOT concurs with the study findings. Additional study proposed in 2025 will evaluate non-traditional intersection configurations. Funding applications to the Iowa Clean Air Attainment Program (ICAAP), Traffic Safety Improvement Program (TSIP), and Urban-State Traffic Engineering Program (U-STEP) are anticipated. The Orallabor Gateway Trail is a regional trail connection between the Neal Smith Trail system (to the west) and the Gay Lea Wilson Trail system (to the east). The trail is a 10-ft. wide PCC trail that runs along the south side of Orallabor Road and is popular with recreational users and commuters. The intersection carries high traffic volumes at high speeds, and the current at-grade trail crossing is wide, difficult to maneuver and has a higher probability of conflicts between vehicles and pedestrians. A grade-separated crossing at this location would improve safety for trail users and improve traffic flow for drivers. The grade-separated crossing has received \$440,000 of STBG-TAP funding from the Des Moines Area MPO, and additional funding will be requested. The proposed project schedule has concept study and funding application(s) in 2025; consultant survey and preliminary design in 2026; final design, right-of-way acquisition and utility relocations in 2027; and construction with consultant inspection in 2028 and 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		125,000	250,000	175,000		550,000
Engineering-Construction Services					225,000	225,000
Construction Costs					3,500,000	3,500,000
Land/ROW Acquisition				200,000		200,000
Total		125,000	250,000	375,000	3,725,000	4,475,000
Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants					1,000,000	1,000,000
G.O. Bonds - TIF Abated		125,000	250,000	375,000	2,285,000	3,035,000
MPO/STBG Grants					440,000	440,000
Total		125,000	250,000	375,000	3,725,000	4,475,000

Budget Impact/Other

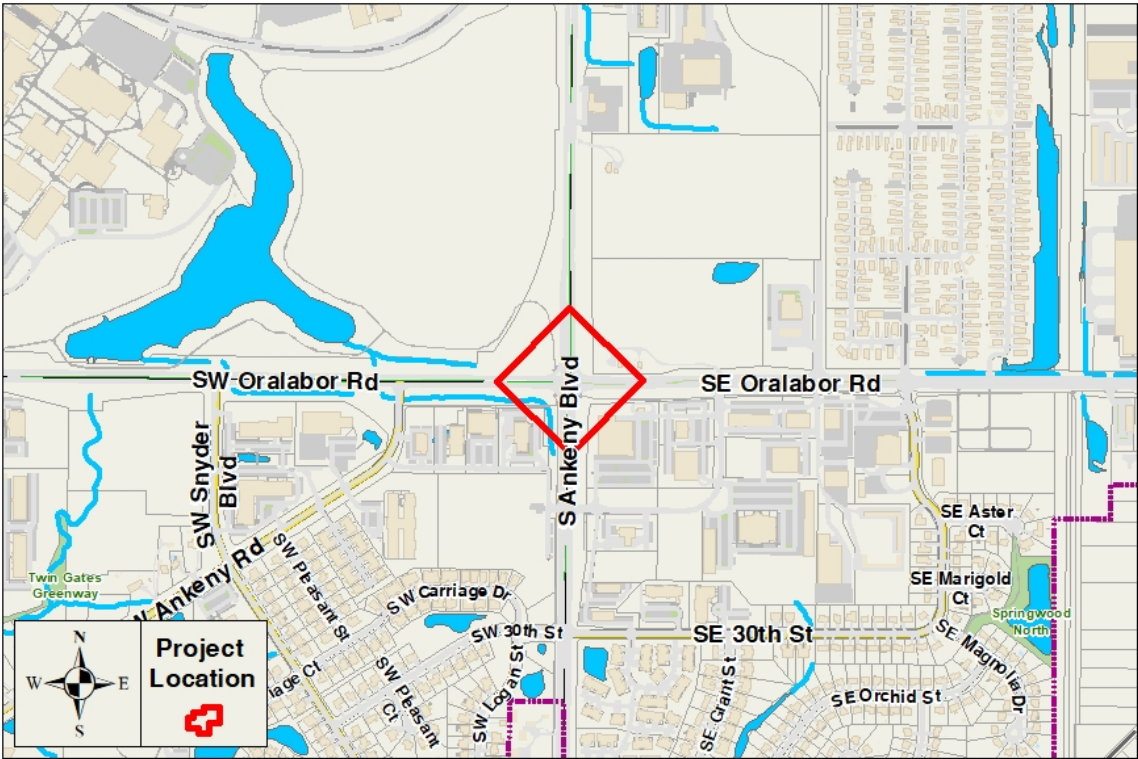
Iowa DOT maintains U.S. Highway 69 and Iowa Highway 160, so they would be responsible for snow removal and maintenance of the additional public street pavement at all of the intersection's approaches. The traffic signal improvements will replace existing City-owned infrastructure, so impacts to utility and maintenance costs will be negligible, or may be reduced with use of low-voltage equipment. The new grade-separated structure should require only a minor amount of maintenance each year. The Parks & Recreation Department would be required to maintain the structure during the winter months when plowing snow for the Orallabor Gateway Trail. If a tunnel is used, electricity and maintenance for lighting will be the City's responsibility.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-21-005
Project Name	South Ankeny Blvd and SE Oralabor Rd Safety Impr



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-22-003

Project Name West 1st Street Widening and Improvements-Phase 2

Description

Reconstruction of W 1st Street from just east of NW Greenwood Street to just west of NW/SW State Street. The existing four-lane street is only 41-ft. wide and is proposed to be removed and replaced with a new five-lane street that is a minimum of 60-ft. wide and includes a center two-way left turn lane. Additional improvements include water main and storm sewer upgrades to replace the 50-year-old underground infrastructure; the addition of a new traffic signal at the W 1st Street and NW/SW Linden Street intersection; and the addition of approximately 20 streetlights. Unlike the W 1st Street Widening and Improvements – Phase 1 project which was completed in 2022, it is anticipated that a joint utility trench will not be constructed in advance of this project. It is assumed that the existing overhead electric on wood poles would remain in their current locations and that any underground utilities that are in conflict with construction would be relocated within the City's right-of-way. Construction is currently scheduled to occur in 2026 and 2027 with an Iowa Department of Transportation (DOT) letting date currently programmed for November 2025.

Justification

The existing four-lane undivided street has operational and safety issues because the left-turning vehicles block the inside through traffic lanes. This results in traffic backups and increased accident potential along the corridor. W 1st Street carries heavy daily traffic, and the pavement requires regular concrete patching and asphalt cold patching and at 50 years old is at the end of its service life. In addition, the existing 10-ft. wide lanes do not meet the minimum acceptable widths per SUDAS design standards. It is anticipated that the project's construction will be completed over the course of two years due to the overall duration needed to reconstruct ½-mile of urban arterial street and the time constraints necessitated by maintaining a minimum two lanes of traffic flow at all times along the major arterial corridor. The topographic survey, stormwater study, and preliminary design are scheduled to occur in 2024; and the final design, property acquisitions, and utility relocations are planned for 2025. The City has been awarded \$1,151,500 in Federal Fiscal Year 2026 STBG funding and \$1,195,000 in Federal Fiscal Year 2027 STBG funding through the Des Moines Area MPO. In addition, the City was awarded an extra \$500,000 in excess funding from Federal Fiscal Year 2022.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	400,000	775,000				1,175,000
Engineering-Construction Services			375,000	400,000		775,000
Construction Costs			3,800,000	4,000,000		7,800,000
Street Lighting			75,000	75,000		150,000
Land/ROW Acquisition		100,000				100,000
Total	400,000	875,000	4,250,000	4,475,000		10,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated	400,000	875,000	2,826,750	3,051,750		7,153,500
MPO/STBG Grants			1,423,250	1,423,250		2,846,500
Total	400,000	875,000	4,250,000	4,475,000		10,000,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the mid-term and long-term, replacing the existing street will reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavement. In addition, replacing the deteriorating underground infrastructure will reduce annual maintenance costs for the City because the Municipal Utilities Department will not have to perform as much water maintenance and repairs (e.g. water main breaks on existing ductile iron water pipe). The new traffic signal and streetlights will result in additional electric power costs to the City

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs					1,000	1,000
Utilities				1,500	3,250	4,750
Total				1,500	4,250	5,750

City of Ankeny, Iowa

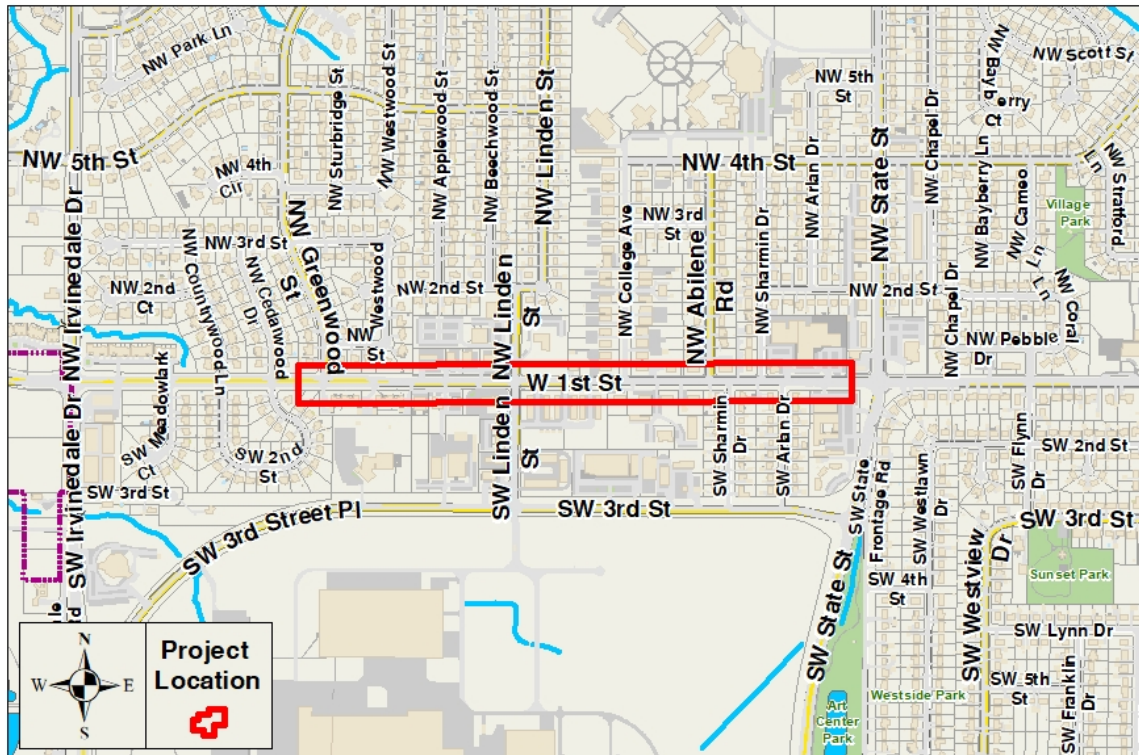
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-22-003**

Project Name West 1st Street Widening and Improvements-Phase 2



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-22-004

Project Name NW 18th St Reconstruction-NW State St to NW Ash Dr

Description

This project includes the reconstruction of the existing street pavement on NW 18th Street from approximately 450 feet west of NW State Street to approximately 350 feet west of NW Ash Drive. The project will include removing and replacing existing pavement, storm sewer intakes, and some sidewalk. New PCC pavement, modified subbase, subdrains, pavement markings, and left and right turn lanes will be constructed. The project also includes a new traffic signal on NW 18th Street at the football/baseball parking lot access for the Prairie Ridge Sports Complex (PRSC). The traffic study will determine the proposed cross-section and geometry for the street. The project also includes consultant survey, design, and construction services.

Justification

The purpose of the project is to replace the deteriorated pavement along the NW 18th Street corridor from west of NW State Street to west of NW Ash Drive, along with providing additional turning capacity to improve traffic safety and mobility at the intersections. The project will also improve mobility for ingress and egress traffic using the PRSC football/baseball parking lot at its access point on NW 18th Street. The concept study completed in 2021 identified the preferred improvements as adding an eastbound right turn lane on NW 18th Street, a northbound right turn lane on the PRSC football/baseball access, and a traffic signal at the intersection of NW 18th Street and the PRSC football/baseball access. The traffic signal will operate in coordination with the existing traffic signals on NW 18th Street at the NW State Street and NW Ash Drive intersections. The anticipated project schedule includes consultant survey and conceptual design in 2025; preliminary and final design in 2026; and construction and consultant inspection in 2027. An estimated \$100,000 is anticipated for aesthetic enhancements at the PRSC football/baseball access (e.g. landscaping and a monument sign) in 2028.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		100,000	390,000			490,000
Engineering-Construction Services				325,000	25,000	350,000
Construction Costs				4,075,000	75,000	4,150,000
Street Lighting				100,000		100,000
Land/ROW Acquisition			10,000			10,000
Total		100,000	400,000	4,500,000	100,000	5,100,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		100,000	400,000	4,500,000	100,000	5,100,000
Total		100,000	400,000	4,500,000	100,000	5,100,000

Budget Impact/Other

The project will reduce the annual maintenance costs for the City because the Public Works Department will not have to do frequent preventative maintenance (e.g. cold patching) on the existing pavement. Widening the PRSC football/baseball access will add pavement maintenance costs for the Parks & Recreation Department. Adding turn lanes on NW 18th Street will increase snow removal costs for the Public Works Department, and the new traffic signal will increase maintenance costs in the long-term. The new traffic signal and street lights will increase electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs					-7,500	-7,500
Utilities					1,750	1,750
Total					-5,750	-5,750

City of Ankeny, Iowa

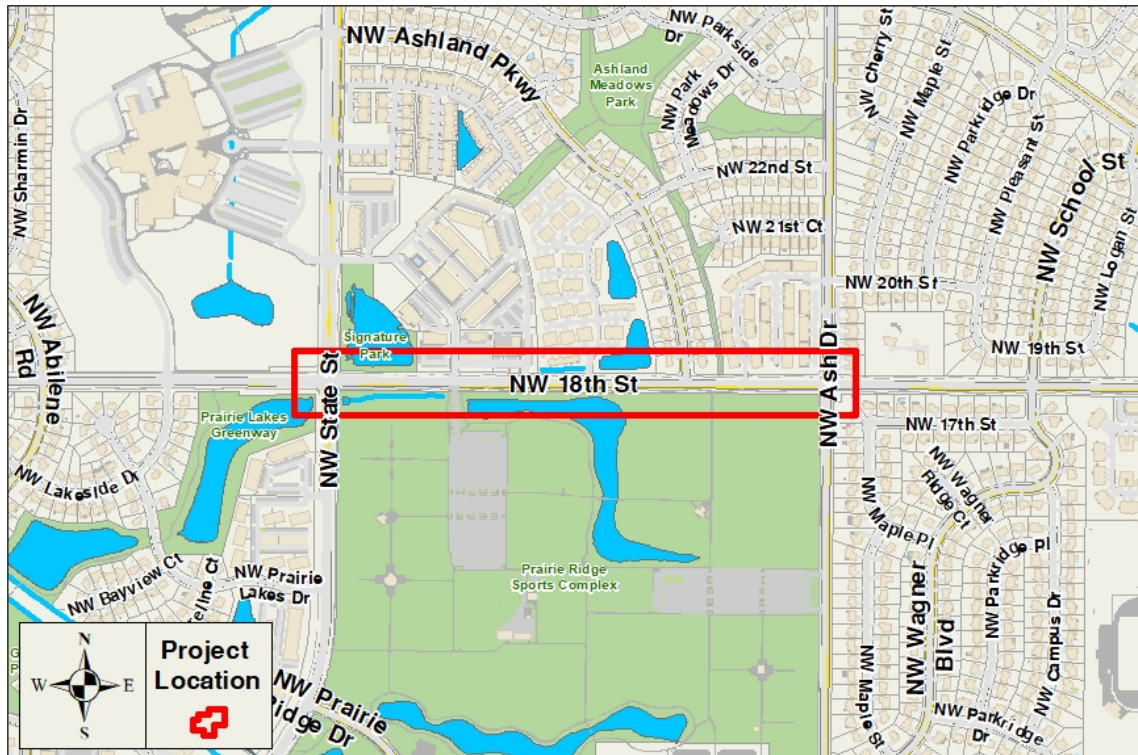
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-22-004**

Project Name NW 18th St Reconstruction-NW State St to NW Ash Dr



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-23-001

Project Name N Ankeny Boulevard Improvements-1st St to 11th St

Description

This is a joint project with the Iowa Department of Transportation (DOT) to add right-turn lanes, repair failing pavement, replace aged traffic signal infrastructure, upgrade pedestrian ramps, and replace existing landscaping in the medians and at the intersections with low maintenance plantings on N Ankeny Boulevard, between 1st Street and 11th Street.

Justification

The Iowa DOT has already planned for a PCC inlay of northbound N Ankeny Boulevard between 1st Street and 5th Street along with a PCC inlay of southbound N Ankeny Boulevard between 1st Street and 11th Street in 2025. The Iowa DOT agreed to expand the scope of their project to include right-turn lanes on N Ankeny Boulevard and the side streets, in conjunction with the City's streetscaping and traffic signal improvements at the 5th, 9th, and 11th Street intersections and in the medians. The Iowa DOT will be responsible for the costs associated with designing and constructing the PCC inlays and right-turn lanes on N Ankeny Boulevard. The City will be responsible for the costs associated with designing and constructing the right-turn lanes on the side streets and the landscaping and traffic signal improvements at the intersections and in the medians. The Iowa DOT and City improvements, minus the landscaping, will be bid as one project with an Iowa DOT letting utilizing separate divisions for construction staging efficiency and economy of scale. The landscaping improvements at the intersections and in the medians would be completed as a separate City project in 2026. The Iowa DOT is contributing \$35,000 in design costs for the inlay portion of the project, along with \$1,750,000 in Resurfacing, Rehabilitation, and Restoration (3R) funding, and \$400,000 in Urban-State Traffic Engineering Program (U-STEP) funding. The City has applied for \$1,400,000 in Iowa Clear Air Attainment Program (ICAAP) funding and will apply for \$200,000 in Pedestrian Curb Ramp Construction funding from the Iowa DOT.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	300,000					300,000
Engineering-Construction Services		300,000	25,000			325,000
Construction Costs		5,400,000	250,000			5,650,000
Land/ROW Acquisition	200,000					200,000
Total	500,000	5,700,000	275,000			6,475,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	35,000	3,750,000				3,785,000
G.O. Bonds	465,000	1,950,000	275,000			2,690,000
Total	500,000	5,700,000	275,000			6,475,000

Budget Impact/Other

The Iowa DOT is responsible for maintenance and snow removal on N Ankeny Boulevard, so additional pavement maintenance and snow removal costs for the City will be limited to the new right-turn lanes on the side streets. Replacing the traffic signal equipment with more energy-efficient equipment may reduce maintenance and electric utility costs in the long term. The existing landscaping in the medians is difficult to maintain, and the proposed landscaping is low maintenance. Therefore, the additional landscape maintenance cost for the Public Works Operations Division is considered negligible. The new irrigation system will require normal maintenance, and irrigating the landscaped medians and intersection corners will result in additional water usage by the City during the spring and summer months.

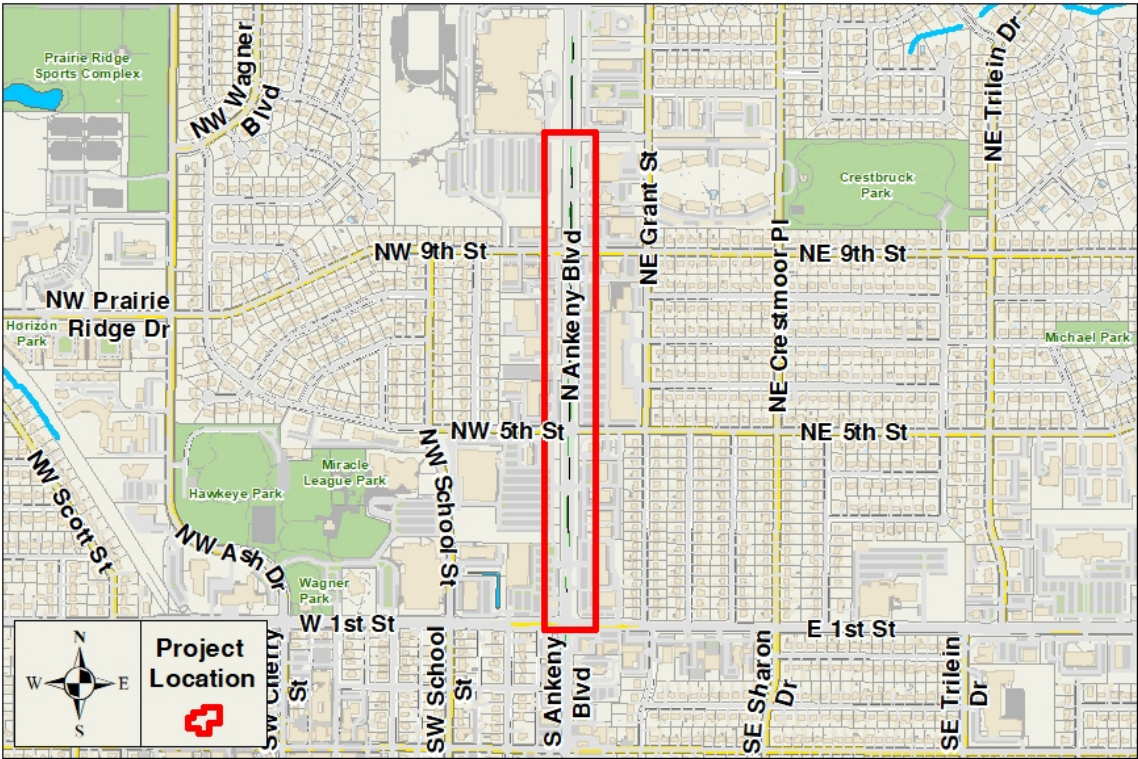
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			250	750	750	1,750
Utilities				1,000	1,000	2,000
Total			250	1,750	1,750	3,750

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-23-001
Project Name	N Ankeny Boulevard Improvements-1st St to 11th St



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-23-002
Project Name	NE Delaware Reconstruction-Four Mile to NE 36th

Description
Reconstruction of NE Delaware Avenue from a two-lane rural roadway to an urban section (either three-lane or five-lane) with two-way left turn lanes from Four Mile Creek to NE 36th Street, depending upon the results of a consultant-prepared traffic study in conjunction with the conceptual design of the project.
The project may also include either a new Rectangular Rapid Flashing Beacon (RRFB) or a High Intensity Activated Crosswalk (HAWK) signal at the NE Delaware Avenue and NE 28th Street intersection. It is currently assumed that the existing traffic signal at the NE Delaware Avenue and NE 36th Street intersection would not be modified or replaced, and that no other signals would be necessary along the corridor as a part of the planned improvements. Other construction improvements are expected to include storm sewer and subdrain. It is anticipated that sanitary sewer and water main improvements would be minimal.

Justification
The previous traffic study completed by Snyder & Associates, Inc. in 2013 did not show a need to widen this street based on then-current traffic volumes. However, having this street widened with two-way left turn lanes will allow for improved traffic safety and mobility as the City continues to grow both to the north of NE 36th Street and also to the east of Interstate 35. The project is planned for the traffic study, conceptual design, and survey to occur in 2028; preliminary design, final design, and utility relocations in 2029; construction in 2030 and 2031; and landscaping improvements in 2032. Property acquisitions are assumed to be limited to temporary construction easements only for a three-lane section, and would also include fee title acquisitions for a five-lane section. The City will likely apply for Federal-aid STBG funding through the Des Moines Area MPO to assist with funding the construction of the roadway project.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					500,000	500,000
Total					500,000	500,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds					500,000	500,000
Total					500,000	500,000

Budget Impact/Other
The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing pavement will reduce annual maintenance costs for the City because the Public Works Department will not have to do patching and crack and joint sealing. The new pedestrian signal and public utility infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments. The new pedestrian signal and streetlights will also result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

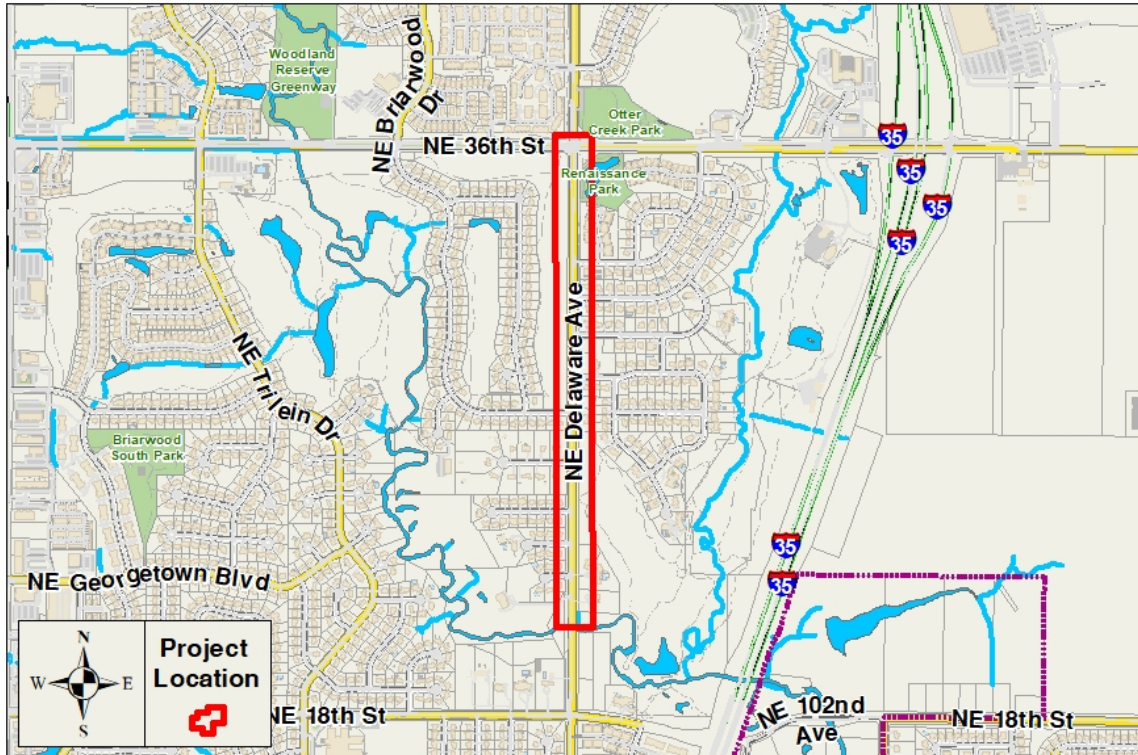
City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # STR-23-002

Project Name NE Delaware Reconstruction-Four Mile to NE 36th



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-23-005

Project Name S Ankeny Blvd Improvements-SE Peterson to 1st St

Description

This is a joint project with the Iowa Department of Transportation (DOT) to reconstruct S Ankeny Boulevard (U.S. Highway 69) from SE Peterson Drive to 1st Street. The anticipated work will include the replacement of the aging 4-lane undivided urban section with a 5-lane divided urban section and right turn lanes where applicable. The project will include the replacement of pavement, sidewalk, water main, sanitary sewer, and storm sewer along with the traffic signal at SE 3rd Street and subsequent fiber optic interconnect.

Consultant-led survey, design, and utility relocation coordination is scheduled to occur from 2023 to 2025. Joint utility trench (JUT) construction and associated easements for the relocation of private utilities is anticipated to occur during the last half of 2025 and the first half of 2026. City water main and sanitary sewer construction is anticipated to occur during the last half of 2026. Iowa DOT roadway construction is anticipated to occur during all of 2027 and 2028.

Based on the Predesign Agreement between the Iowa DOT and the City for the project, the Iowa DOT has identified the following funding sources to be used for the roadway construction: 3R, U-STEP, HSIPX, TSIP, and NR. It is also anticipated that a portion of the JUT's total construction and easement costs will be funded by the Iowa DOT. Lastly, it is undetermined whether MidAmerican Energy Company's (MEC) – electric facilities will be converted from overhead to underground. If conversion is needed, it is anticipated that the conversion would be at MEC's expense, including construction and associated easements.

Justification

A study was completed in 2020 documenting the traffic operations and safety issues and recommended improvements to S Ankeny Boulevard from SW Ordinance Road to 1st Street. The study also recommended improving access management and safety along the corridor due to the frequency of access points to adjacent properties. The Iowa DOT and the City of Ankeny have agreed that the City would manage and pay for the consultant-led survey, design, and utility relocation coordination, and the Iowa DOT would manage and pay for the right-of-way acquisition, construction, and construction engineering services. This project is the first phase of improvements to S Ankeny Boulevard. It is anticipated that there will be a future improvement project on S Ankeny Boulevard from SW Ordinance Road to SE Peterson Drive.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	150,000	175,000				325,000
Engineering-Construction Services			75,000	50,000	75,000	200,000
Construction Costs		550,000	2,050,000	3,450,000	4,975,000	11,025,000
Street Lighting					250,000	250,000
Land/ROW Acquisition		200,000				200,000
Total	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants		200,000	300,000	2,850,000	4,300,000	7,650,000
G.O. Bonds	150,000	725,000		650,000	1,000,000	2,525,000
Sewer Fund			912,500			912,500
Water Fund			912,500			912,500
Total	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000

Budget Impact/Other

The Iowa DOT maintains S Ankeny Boulevard/U.S. Highway 69; therefore, it is anticipated that the project will not have an operating impact to the City. Due to the potential for City utility relocations and/or improvements being needed as part of the project, the operating impact to the City will be reviewed further after the preliminary design has been completed.

City of Ankeny, Iowa

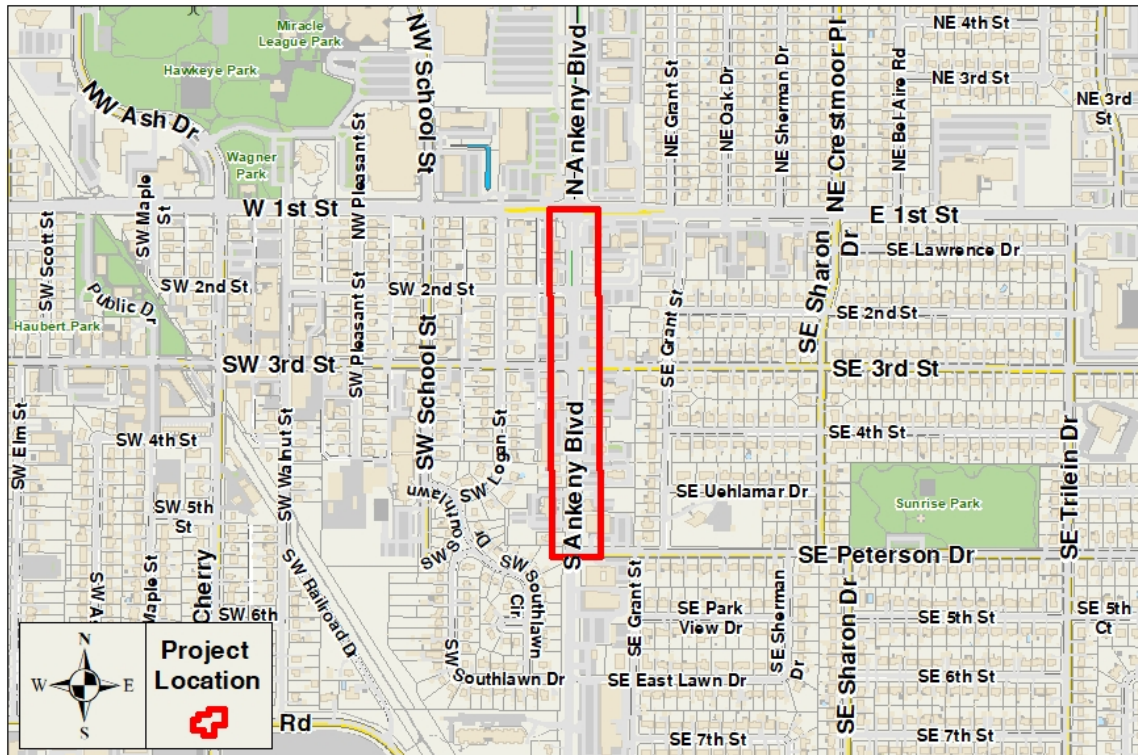
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-23-005**

Project Name S Ankeny Blvd Improvements-SE Peterson to 1st St



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-23-006
Project Name	SW Magazine & State St Intersection Improvements

Description

The project will widen SW Magazine Road to provide a second eastbound through lane on the west leg approach to the intersection with SW State Street. The widening will be on the south side of SW Magazine Road, for approximately 400 feet, and will align with the two existing eastbound receiving lanes on the east side of SW State Street. The median in the west leg will be modified and extended to provide additional left-turn storage, and it will convert the accesses immediately west of SW State Street to right-in/right-out-only operation.

Justification

With the traffic impact study completed to analyze increased traffic volumes associated with proposed developments in Prairie Trail west of the project intersection, an existing capacity issue was identified for eastbound traffic during peak hours. The existing short left-turn lane and single shared thru/right-turn lane do not provide sufficient capacity: long delays and queues are common for eastbound drivers on the west leg. Adding a second thru lane and increasing the length of the left-turn lane will support the overall intersection operation and reduce eastbound delays significantly.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	40,000					40,000
Construction Costs	425,000					425,000
Land/ROW Acquisition	10,000					10,000
Total	475,000					475,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	475,000					475,000
Total	475,000					475,000

Budget Impact/Other

The new pavement area will be relatively small, but it will result in additional pavement and sign maintenance and snow removal costs.

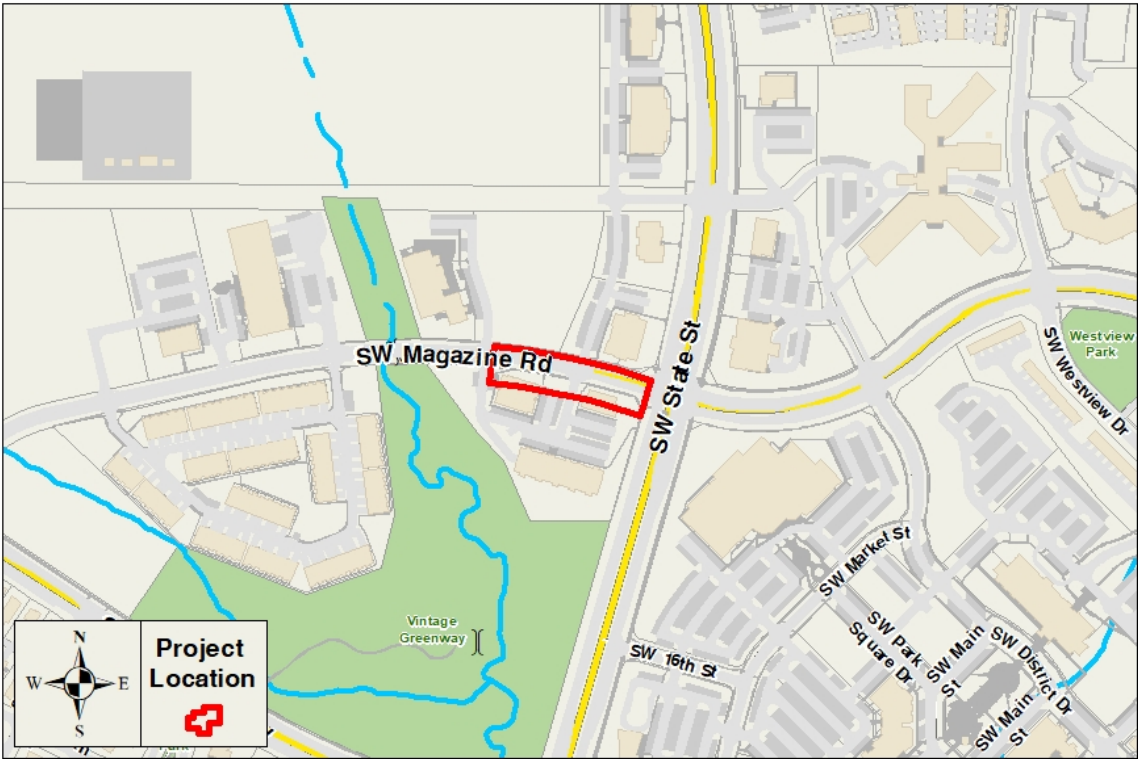
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		150	150	150	150	600
Total		150	150	150	150	600

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-23-006
Project Name	SW Magazine & State St Intersection Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-001
Project Name	NW Prairie Ridge Dr/9th St & Ash Dr Intersection

Description

This project will reconstruct and widen the intersection of NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive. The intersection will include left-turn lanes on all legs; right-turn lanes on all legs except the east leg; a new traffic signal to replace all-way stop control; converting NW Maple Street into a right-in/right-out at NW 9th Street; pedestrian improvements and drainage improvements.

Justification

This intersection serves a large volume of traffic in the northwest part of the City given its proximity to schools, commercial properties, and City facilities. During peak hours, each leg of the intersection has long queues, and traffic volumes at the intersection are projected to increase in the future. Also, NW Maple Street is approximately 200-ft. east of this intersection, and it contributes to the queueing issues. This project will improve traffic capacity, mobility and safety. City staff and the engineering consultant have been studying the intersection in 2023 to determine the recommended improvements. Survey and preliminary design are planned for 2024; final design, right-of-way acquisition, and utility relocations are planned for 2025; and construction is planned for 2026.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	200,000	165,000				365,000
Engineering-Construction Services			385,000			385,000
Construction Costs			3,700,000			3,700,000
Street Lighting			75,000			75,000
Land/ROW Acquisition		50,000				50,000
Total	200,000	215,000	4,160,000			4,575,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	200,000	215,000	4,160,000			4,575,000
Total	200,000	215,000	4,160,000			4,575,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional pavement and storm sewer infrastructure will add annual maintenance costs for the City's Public Works Department. The additional streetlights and traffic signal will increase electric power costs for the City.

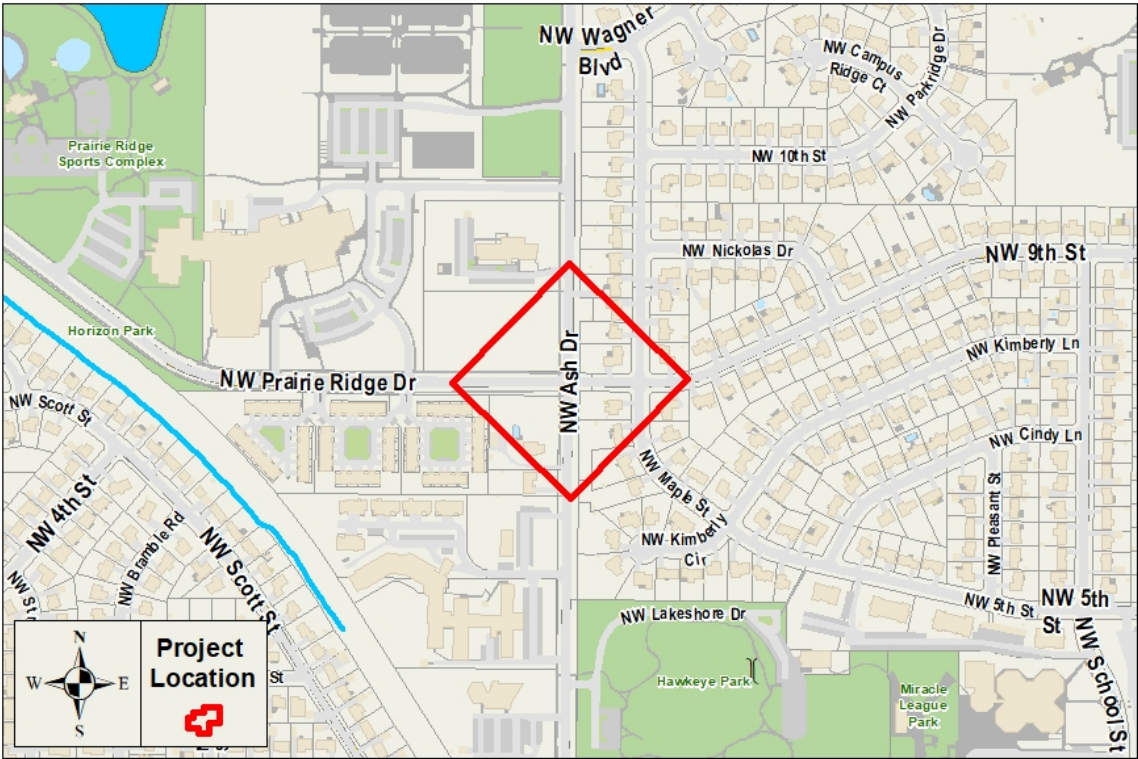
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				500	500	1,000
Utilities				1,300	1,300	2,600
Total				1,800	1,800	3,600

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-24-001
Project Name	NW Prairie Ridge Dr/9th St & Ash Dr Intersection



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-002
Project Name	NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv

Description

The project includes the reconstruction of street pavement and pedestrian ramps along NE Chambers Parkway from 200-ft. south of NE Williamsburg Drive to NE 16th Street. The project will include removing and replacing existing pavement, sidewalk, and pedestrian ramps. New PCC pavement will be constructed with geogrid and modified subbase. The project includes consultant survey, design, and construction services.

Justification

The purpose of the project is to replace significantly deteriorated pavement, which was likely caused by poor soil conditions, along the NE Chambers Parkway corridor. The project also includes bringing existing pedestrian ramps into American with Disabilities Act (ADA) compliance.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		150,000				150,000
Engineering-Construction Services			75,000			75,000
Construction Costs			975,000			975,000
Total		150,000	1,050,000			1,200,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		150,000	1,050,000			1,200,000
Total		150,000	1,050,000			1,200,000

Budget Impact/Other

The project will reduce the annual maintenance costs for the City as the Public Works Department will not have to do frequent preventative maintenance to the deteriorated sections of NE Chambers Parkway. The impact will not be realized until after construction, beginning in 2027. Upgrading existing pedestrian ramps and bringing them into ADA compliance may reduce the number of complaints City staff follow up with regarding non-compliant ramps.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-3,500	-3,500	-7,000
Total				-3,500	-3,500	-7,000

City of Ankeny, Iowa

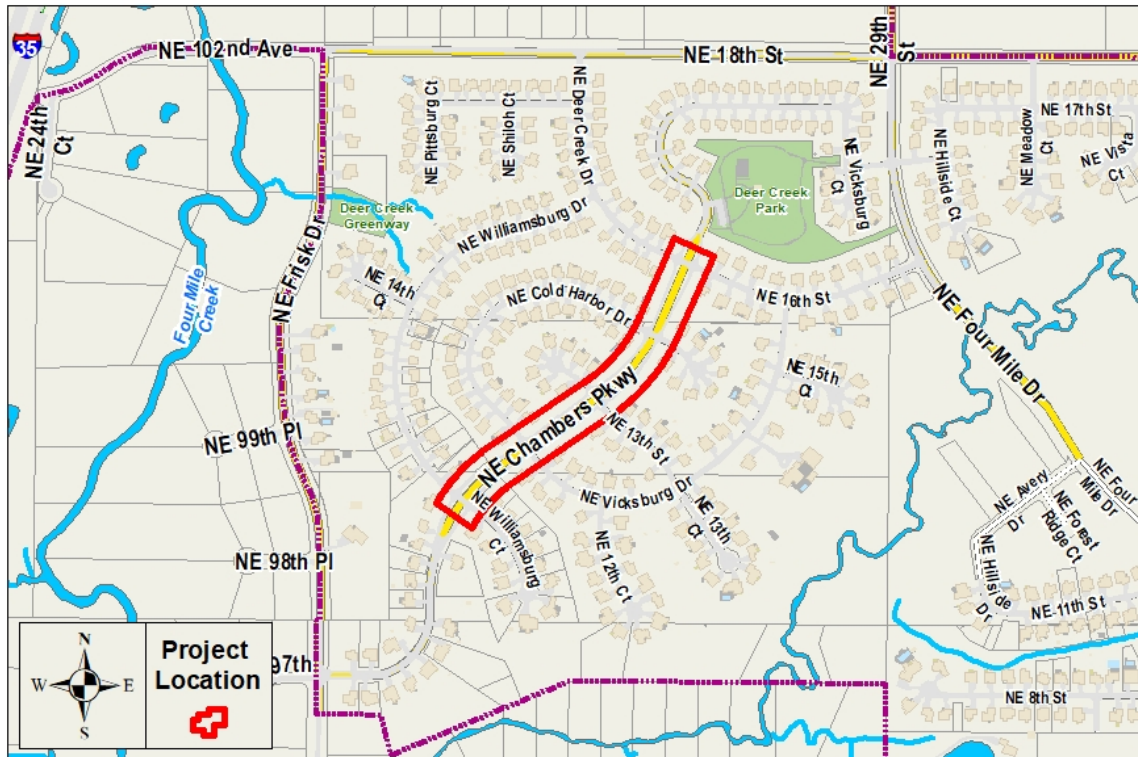
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-24-002**

Project Name NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-003
Project Name	SE Creekview Drive Extension

Description
This project will extend SE Creekview Drive from the current existing north limit near Tones to approximately 1,400 feet north. Proposed improvements include two-lane PCC curb-and-gutter paving, storm sewers, sidewalks, and streetlights.

Justification
This project is being proposed to help stimulate potential business growth along SE Creekview Drive. The tax base and new jobs generated by these developments will be substantial. Elwell Company and Civil Design Advantage will be applying for an Iowa DOT Revitalize Iowa’s Sound Economy (RISE) grant. The City will oversee the design and construction of the project in accordance with the RISE eligibility requirements, but a portion of the street project costs will be funded by the Iowa DOT RISE grant and the remaining will be funded by Elwell Company.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	325,000					325,000
Construction Costs	1,700,000					1,700,000
Total	2,025,000					2,025,000
Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	925,000					925,000
Private Contributions	1,100,000					1,100,000
Total	2,025,000					2,025,000

Budget Impact/Other
After completion, the added streets and utilities will be the responsibility of the City to maintain. The annual maintenance costs will be the responsibility of the Public Works Department. The additional street lights along the roadway will also be an additional annual City expense for electric power.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		1,000	1,000	1,000	1,000	4,000
Utilities		2,500	2,500	2,500	2,500	10,000
Total		3,500	3,500	3,500	3,500	14,000

City of Ankeny, Iowa

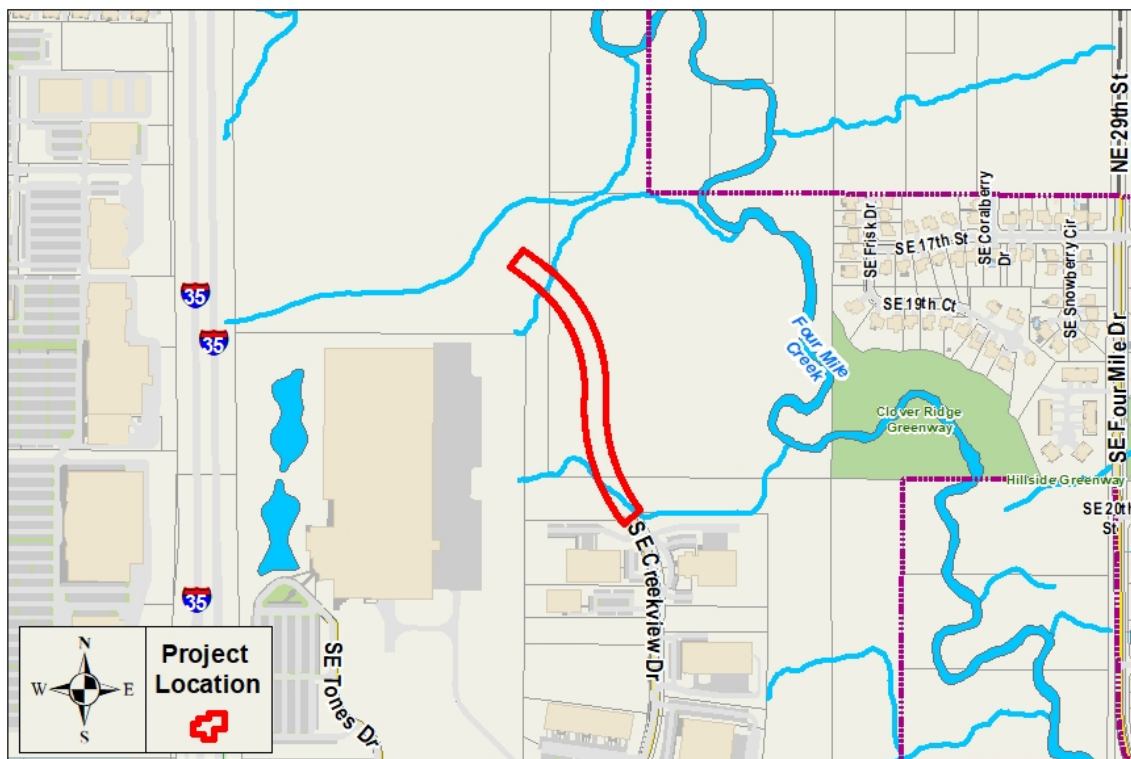
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-24-003**

Project Name SE Creekview Drive Extension



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Traffic Control

Project # TRF-00-001

Project Name Annual Traffic Signal Improvement Program

Description

Proposed locations for new traffic signals and minor fiber optic upgrades (listed in order of priority):

2024 – SE Delaware Avenue signal equipment upgrades: SE National Drive to SE Magazine Road - \$400,000

2024 – SE Delaware Avenue and SE 54th Street traffic signal - \$662,000

2024 – SE Delaware Avenue and private drive traffic signal cost share - \$195,000

2024 – East 1st Street and Four Mile Drive traffic signal and left turn lanes cost share - \$307,000

2024 – Miscellaneous traffic control upgrades: anticipated – South Ankeny Boulevard and SE Oralabor Road pan-tilt-zoom (PTZ) camera installation and NW 5th Street and NW School Street rectangular rapid flashing beacons installation - \$40,000

2025 – SE Oralabor Road and SE Four Mile Drive traffic signal - \$140,000

2025 – SW State Street and NW 72nd Place westbound right-turn lane and signal upgrade - \$330,000

2025 – South Ankeny Boulevard and SE 8th Street traffic signal - \$325,000

2026 – SE Oralabor Road and SE Four Mile Drive traffic signal - \$570,000

2026 – South Ankeny Boulevard and SE Lorenz Drive traffic signal replacement - \$325,000

2025 – 2028 – Concept studies - \$40,000 per year

2025 – 2028 – Miscellaneous traffic control upgrades - \$40,000 per year

2025 – 2028 – Cost-sharing for traffic signal improvements constructed by developer - \$150,000 per year

2026 – 2028 – Traffic signal and fiber optic projects, TBD - \$710,000 per year

2027 – 2028 – Traffic signal replacements, TBD – \$330,000 per year

2027 – 2028 – Fiber optic upgrades, TBD - \$220,000 per year

Justification

An effective and efficient transportation system improves traffic safety and mobility, reduces energy costs and enhances the quality of life for residents. A robust and dependable communication system is key to management of the street network. The proposed locations of traffic signals and fiber optic upgrades are reviewed annually and planning level costs are used. The City's partial reimbursements for traffic signals designed and constructed by developers are included in this form. Traffic counts in September 2023, review of crash experience, and concept studies will identify intersections for signalization or other improvement in year 2026 and beyond. There is potential to obtain federal and/or state funding for traffic signals proposed at intersections with state highways.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	54,000	100,000	125,000	150,000	150,000	579,000
Construction Costs	1,300,000	810,000	910,000	1,240,000	1,240,000	5,500,000
Other Costs	250,000	115,000	150,000	100,000	100,000	715,000
Total	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000

Funding Sources	2024	2025	2026	2027	2028	Total
County Contributions		50,000				50,000
G.O. Bonds	1,514,000	975,000	1,185,000	1,490,000	1,490,000	6,654,000
Private Contributions	90,000					90,000
Total	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000

Budget Impact/Other

In the long-term, additional traffic signal infrastructure will add annual maintenance costs for the City's Public Works Department. Industry standards recommend one FTE signal technician per 30-35 traffic signals, plus one FTE fiber optic technician per 100 devices. New traffic signals will result in additional electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	5,500	6,200	6,900	7,600	8,300	34,500
Total	5,500	6,200	6,900	7,600	8,300	34,500

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # TRF-00-001

Project Name Annual Traffic Signal Improvement Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Traffic Control

Project #	TRF-23-001
Project Name	Fiber Optic Network Upgrade

Description

This project implements the master fiber optic redundancy needed for both the traffic signal communication network utilized by the Public Works Department and the overall City operations network managed by the Information Technology (IT) Department. The project will place approximately 180,000 feet of fiber optic cable and 100 splice enclosures to implement efficient path-diverse fiber optic rings for primary and secondary communications between traffic signals and between City facilities.

Justification

The Fiber Optic Network Upgrade will implement Phase 1 of the ultimate fiber optic network build-out identified in the Fiber Optic Network Master Plan. The Plan’s purpose is to provide a more reliable and maintainable network while allowing flexibility and scalability to support future growth and expanded use of technology. Completing the improvements as a nearly-single project will reduce the “lost” costs associated with completing multiple smaller segments, and it will result in a more robust system overall. This project will also replace much of the fiber optic infrastructure construction or relocation included with other future capital improvement projects, except as needed for expansion to new areas or facilities. At this time, the planning-level cost estimates are broad and conservative, and it is expected that the preliminary design underway in 2023 will provide numerous opportunities for value engineering. The proposed schedule includes final design and purchase of fiber optic cable and conduit in 2024, with construction of the conduit system in 2025 and 2026 including infrastructure to planned Fire Station No. 4 in fall 2025, followed by the remainder of fiber optic cable placement, splicing, terminating, and testing of the fiber in 2027. Applying for Iowa Clean Air Attainment Program (ICAAP) funding for the project will be considered.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	225,000					225,000
Engineering-Construction Services		40,000	30,000	50,000		120,000
Construction Costs		765,000	470,000	560,000		1,795,000
Other Costs	425,000					425,000
Total	650,000	805,000	500,000	610,000		2,565,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	650,000	805,000	500,000	610,000		2,565,000
Total	650,000	805,000	500,000	610,000		2,565,000

Budget Impact/Other

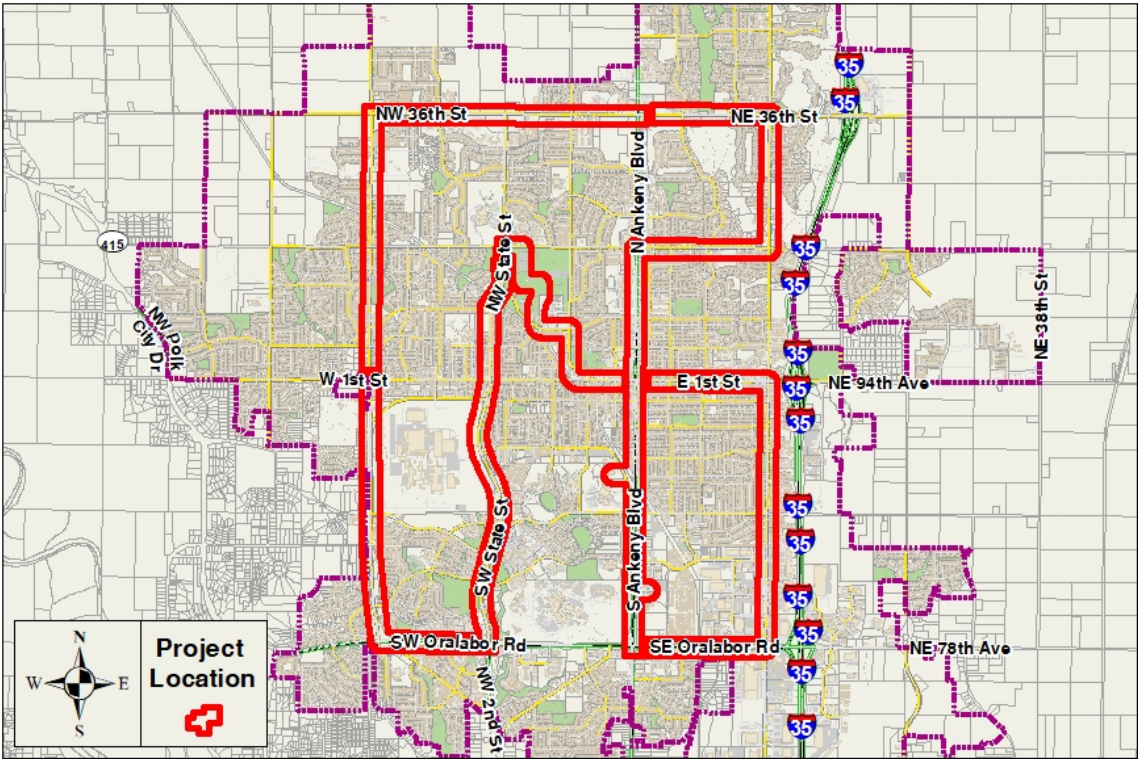
The project upgrades the City’s existing fiber optic system to provide more reliable service and reduce outages, so a minimal impact to operating costs is expected.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	TRF-23-001
Project Name	Fiber Optic Network Upgrade



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 20 years
Category Traffic Control

Project #	TRF-23-002
Project Name	SE Corporate Woods and Crosswinds Traffic Signal

Description
The project includes design and construction of a traffic signal at the SE Corporate Woods Drive and SE Crosswinds Drive intersection in 2024.

Justification
The project will fulfill the City’s commitment established in the development agreement with Crosswinds Business Park Building I, LLC (developer) in March 2021, to construct a traffic signal at the intersection of SE Corporate Woods Drive and SE Crosswinds Drive when needed and warranted. The developer agreed to provide any right-of-way and/or easements needed for the project at no cost to the City and to reimburse the City for 25% of the traffic signal construction cost. The maximum reimbursement amount is adjusted for inflation over ten years.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	5,000					5,000
Construction Costs	380,000					380,000
Other Costs	100,000					100,000
Total	485,000					485,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	405,000					405,000
Private Contributions	80,000					80,000
Total	485,000					485,000

Budget Impact/Other
In the long-term, the additional traffic signal infrastructure will add annual maintenance costs for the City’s Public Works Department. Industry standards recommend one FTE signal technician per 30-35 traffic signals, plus one FTE fiber optic technician per 100 devices. The new traffic signal will result in additional electric power costs for the City.

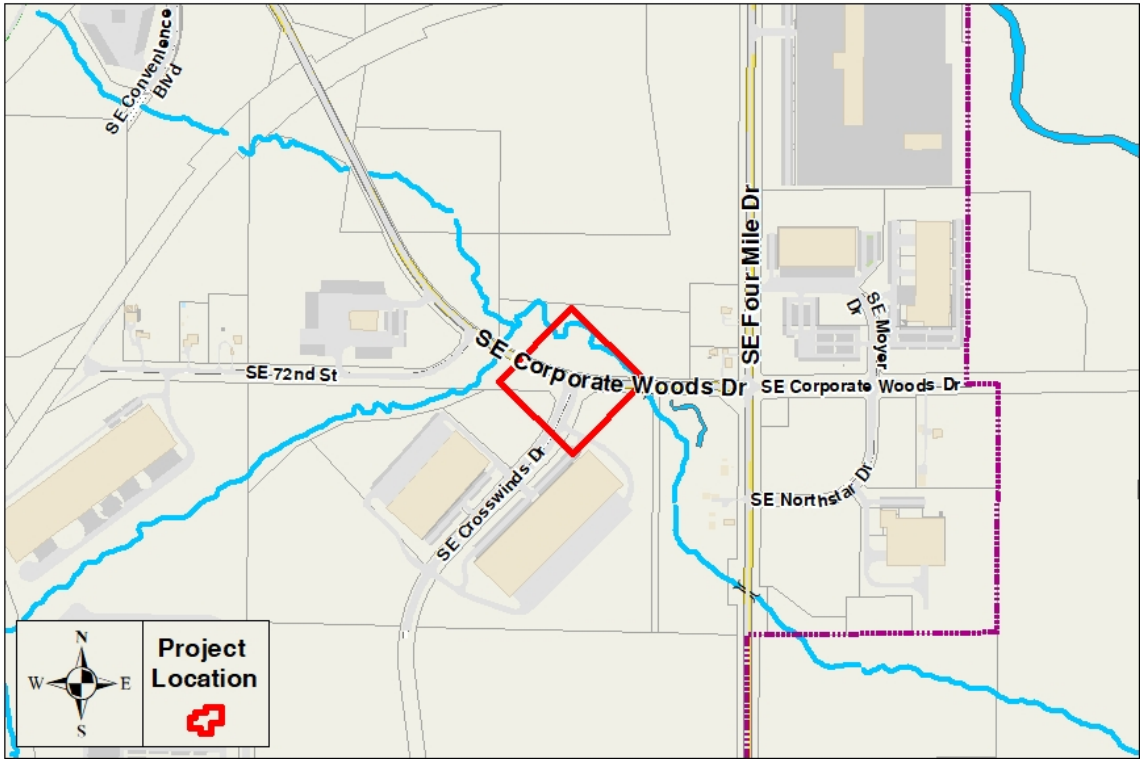
Budget Items	2024	2025	2026	2027	2028	Total
Utilities		300	300	300	300	1,200
Total		300	300	300	300	1,200

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	TRF-23-002
Project Name	SE Corporate Woods and Crosswinds Traffic Signal



City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Type Improvement

Useful Life 40 years

Category Water Mains

Project # **WTM-00-001**

Project Name Annual Water Main Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of water utility infrastructure and the Water Fund's portion of the neighborhood projects.

Specific projects for 2024 to 2028 include the following:

- Development water main oversizing: 2024 to 2028 – \$75,000
- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
 - o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
 - o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):
o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The water main proposed for replacement are primarily 4-inch iron pipe prioritized based upon their history of water main breaks. They are inadequate for supplying fire flows based on industry and SUDAS standards and require additional O&M to maintain water quality. Development Engineering staff will be used for the design and construction observation whenever possible; however, the full reconstruction and utility replacement projects (NW Northlawn and Westlawn Place projects) anticipate the use of a consulting engineer for design and construction management. The water main oversizing has increased due to the use of 16-inch main that will be cost shared for several upcoming projects along major corridors.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	675,000	725,000	775,000	825,000	875,000	3,875,000
Survey/Preliminary Analysis	100,000					100,000
Total	825,000	800,000	825,000	875,000	925,000	4,250,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	125,000	75,000	75,000	100,000	125,000	500,000
Water Fund	700,000	725,000	750,000	775,000	800,000	3,750,000
Total	825,000	800,000	825,000	875,000	925,000	4,250,000

Budget Impact/Other

The operating impact for this project will be negligible from the maintenance aspect due to the replacement of old and deteriorating water main with new PVC main. There will be staff hours during design and engineering for administration personnel, and field services personnel during construction. Researching old plans, field verifications, contract and plan reviews, operating valves, locating, and on-site observations. Water will be needed for testing, flushing, and filling the various mains.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	400	400	400	400	400	2,000
Total	400	400	400	400	400	2,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # WTM-00-001

Project Name Annual Water Main Replacement Program



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 thru 2028

Department Water Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Water Mains

Project #	WTM-17-008
Project Name	Saylorville Feeder Main Purchase Capacity

Description
Purchase the remaining capacity in the Saylorville Water Treatment Plant north feeder main, which is an existing 24-inch transmission main that extends north along NW 26th Street from NW 66th Avenue through our meter pit to SW Oralabor Road. Des Moines Water Works (DMWW) has extended a new 20-inch water main to provide water to Polk City allowing all of the 24-inch main to be used to supply water to the City of Ankeny.

Justification
The purpose of this purchase is to provide additional transmission pipe capacity to support future water needs in Ankeny.

Expenditures	2024	2025	2026	2027	2028	Total
Other Costs	604,000					604,000
Total	604,000					604,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	604,000					604,000
Total	604,000					604,000

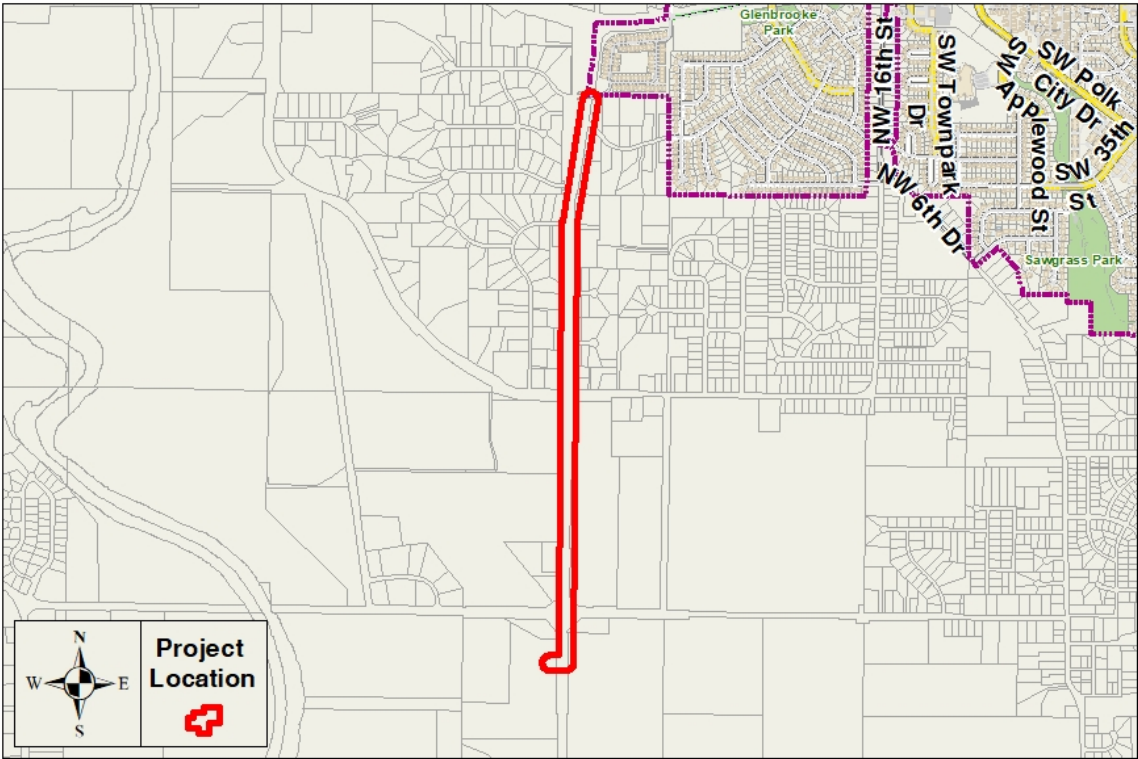
Budget Impact/Other
Additional source capacity for future growth and water demands. Since the City is purchasing the remaining capacity within the existing 24-inch water main, there are no expected costs from an operational impact.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-17-008
Project Name	Saylorville Feeder Main Purchase Capacity



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-19-001
Project Name	South Ankeny Boulevard Water Main Improvements

Description

Install approximately 1,850 LF of 16" water main extension along the west side of South Ankeny Boulevard from just north of SW Ordinance Road to SE Peterson Street. This project will provide increased reliability within the transmission/distribution system within this area of the City. The project will utilize both open-cut and trenchless construction, in order to minimize disruption to the existing businesses along South Ankeny Boulevard.

Justification

Existing waterlines within the subject area have experienced frequent breaks due to age and are undersized. Construction of this transmission main will help maintain system pressure and reduce maintenance issues within the service area and provide a more reliable water source to area residents.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			128,000			128,000
Engineering-Construction Services				100,000		100,000
Construction Costs				1,072,000		1,072,000
Total			128,000	1,172,000		1,300,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds			128,000	1,172,000		1,300,000
Total			128,000	1,172,000		1,300,000

Budget Impact/Other

This project can reduce the frequency of maintenance of the pumps at the Magazine Pump Station as they will not have to work as hard to get water into our distribution system. Less friction loss in larger diameter pipes means pumps will not have to work at higher internal pressures, reducing wear and tear and possibly lowering electrical costs due to lower amp draw. It will take about 197,500 gallons to fill and flush the new main.

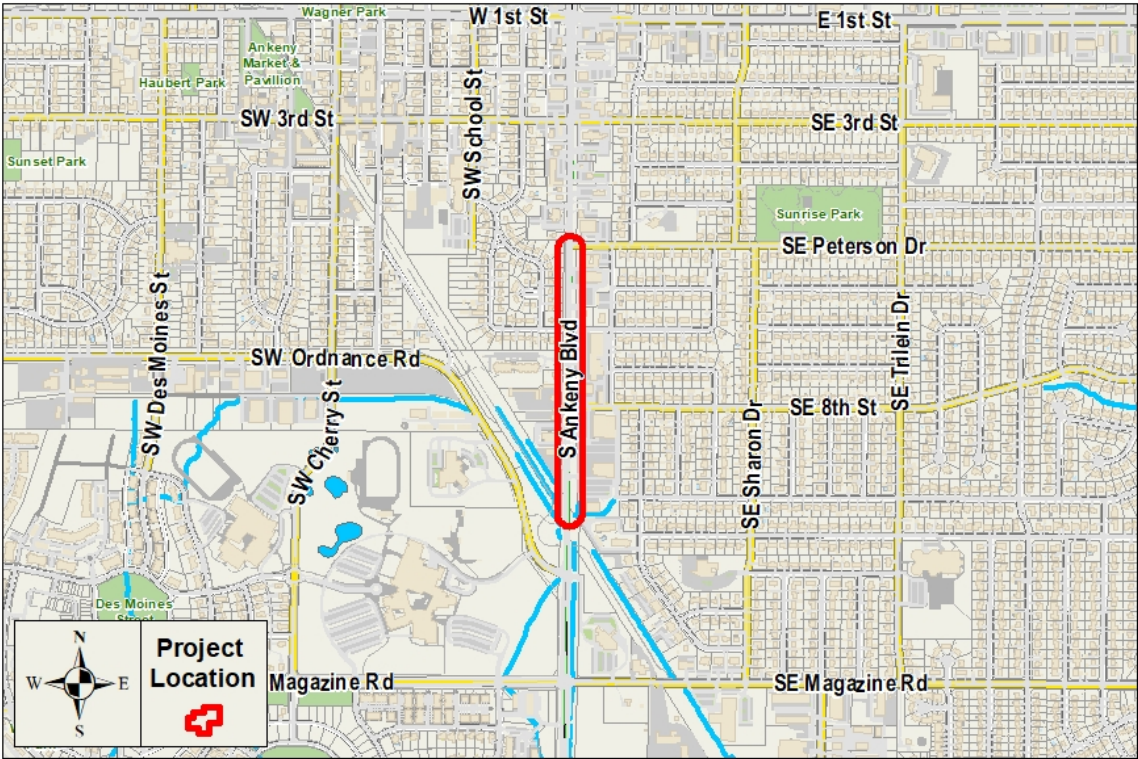
Budget Items	2024	2025	2026	2027	2028	Total
Utilities				980		980
Total				980		980

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-19-001
Project Name	South Ankeny Boulevard Water Main Improvements



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-20-002
Project Name	SW Walnut Street and SW Ordnance Road Water Main

Description
Install approximately 3,600 LF of 8" water main along the west side of SW Walnut Street from SW 3rd Street to the north side of SW Ordnance Road, and along SW Ordnance Road from SW Cherry Street to an existing main adjacent to the police station. The project will provide increased reliability of the distribution system within this area, as the main will be upsized from 4" to 8". The project will utilize open cut construction, and a temporary water supply system will be utilized to keep the existing homes within the area in service.

Justification
The existing 4" water main within the area is undersized by current standards. Installation of the larger water main, along with connection to surrounding main(s) provides a reliable looped system and helps to maintain better distribution system pressures and fire flows within the area. This project will be coupled with a parking improvement project within the Uptown area which includes improvements along SW Walnut Street. The cost for these improvements is estimated at \$320,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	295,000					295,000
Engineering-Construction Services		196,000				196,000
Construction Costs		1,984,000				1,984,000
Total	295,000	2,180,000				2,475,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated		320,000				320,000
Water Revenue Bonds	295,000	1,860,000				2,155,000
Total	295,000	2,180,000				2,475,000

Budget Impact/Other
The operating impact will have negligible cost implications as it will primarily help the fire flows in the area. It will take about 56,500 gallons to fill and flush the new main.

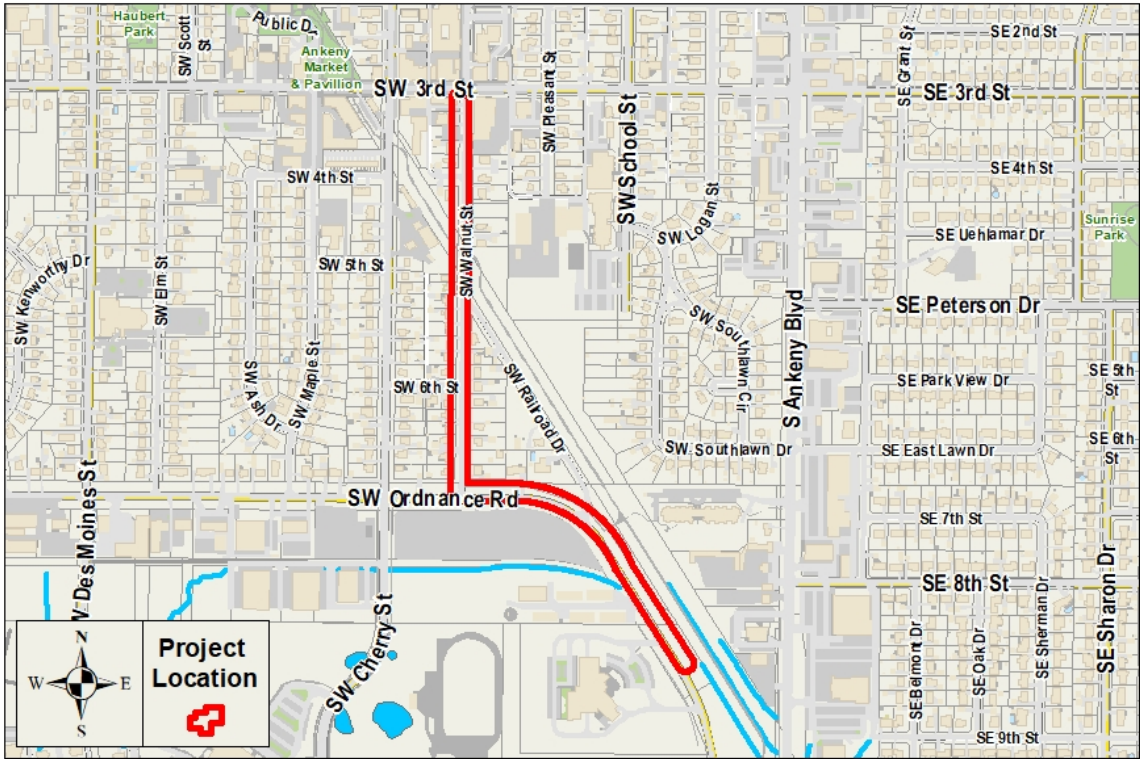
Budget Items	2024	2025	2026	2027	2028	Total
Utilities			255			255
Total			255			255

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-20-002
Project Name	SW Walnut Street and SW Ordnance Road Water Main



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-21-009
Project Name	NE 36th St and NE 38th St Water Main Loop

Description
The NE 36th Street and County NE 38th Street Water Main Loop project will include installation of approximately 11,500 LF of 16-inch water main on the south side of NE 36th Street and the west side of County NE 38th Street to create a loop between the 16-inch water main that ends north of NE 18th Street along County NE 38th Street and the 16-inch water main along NE 36th Street.

Justification
This project will connect the 16-inch distribution main near the intersection of NE 36th Street and NE Four Mile Drive to the 16-inch distribution main near the intersection of NE 18th Street and County NE 38th Street. This will improve fire flows and provide a redundant water main connection that will allow future repairs to be done with minimal impact to the surrounding properties.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	200,000					200,000
Construction Costs	2,000,000					2,000,000
Land/ROW Acquisition	100,000					100,000
Total	2,300,000					2,300,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	2,300,000					2,300,000
Total	2,300,000					2,300,000

Budget Impact/Other
It will require about 720,000 gallons of water to fill and flush the new main.

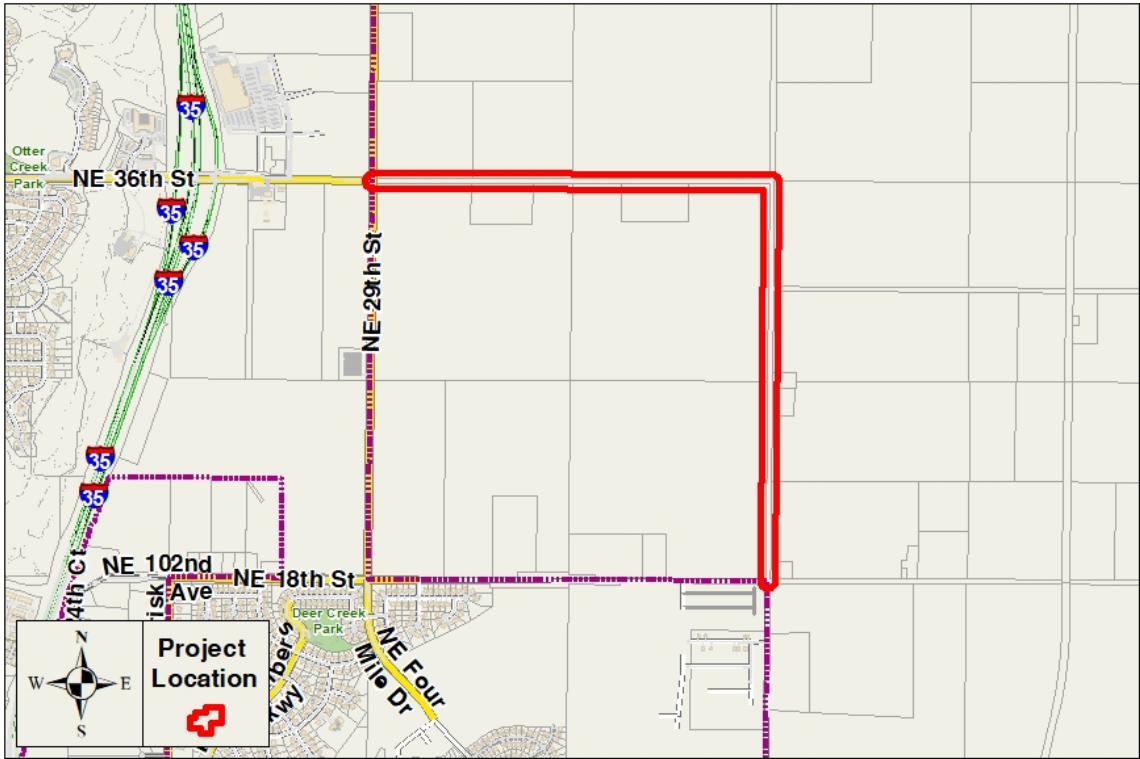
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	2,700					2,700
Total	2,700					2,700

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-21-009
Project Name	NE 36th St and NE 38th St Water Main Loop



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Water Mains

Project #	WTM-24-001
Project Name	SW Linden and SW Sharmin Water Main Improvements

Description
Install approximately 1,300 LF of 8" water main between SW Linden Street and SW Sharmin Drive, located north of SW 3rd Street. By upsizing from 6" to 8" diameter pipe, the installation of this water main will provide increased reliability for the distribution system within this area. The project will utilize both open-cut and trenchless construction methods, and will require reconnection of approximately 15 existing services. Construction for this project will be in 2029. It will have a cost of \$50,000 for engineering and \$515,000 for construction for a total of \$565,000.

Justification
The existing 6" water main within the area is undersized by current standards. Installation of the larger water main, along with connection to surrounding main(s) provides a reliable looped system and helps to maintain better distribution system pressures and fire flows within the area. This existing water main has experienced frequent breaks due to age, and portions of the landscape in this section make it difficult to find the break.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					60,000	60,000
Total					60,000	60,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds					60,000	60,000
Total					60,000	60,000

Budget Impact/Other
The operating impact will have negligible cost implications as it will primarily help the fire flows in the area. It will take about 21,000 gallons to fill and flush the new main.

City of Ankeny, Iowa

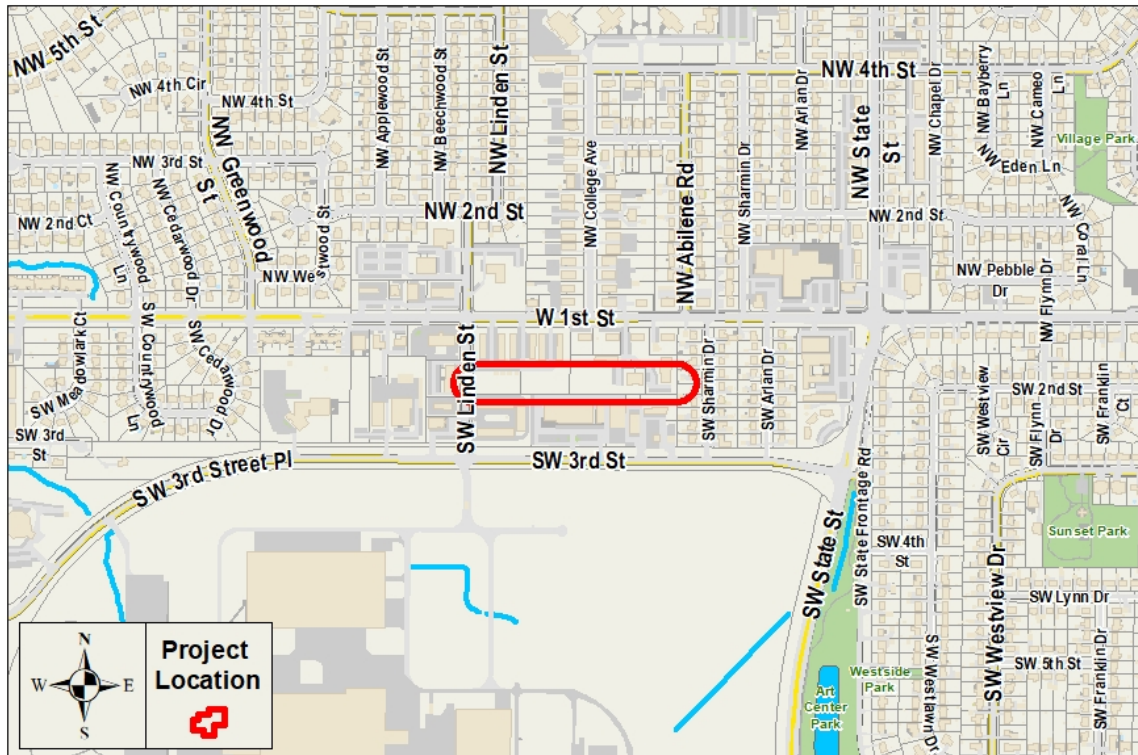
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # **WTM-24-001**

Project Name SW Linden and SW Sharmin Water Main Improvements



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Towers/Storage

Project #	WTT-19-002
Project Name	Northwest Water Tower

Description
Construct a new 2.5 million gallon elevated water storage tank in the NW quadrant of the City to provide additional water storage and more reliable water pressure and flow to the NW quadrant of the City.

Justification
The site for this future water tower, located just north of NW 36th Street on the east side of NW Irvinedale Drive, was selected and purchased in 2018.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	940,000					940,000
Construction Costs	10,355,000					10,355,000
Total	11,295,000					11,295,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	11,295,000					11,295,000
Total	11,295,000					11,295,000

Budget Impact/Other
This project will provide some savings in electricity and maintenance of the pumps at the NW Booster Station as they will not need to work as hard to maintain pressure within the northwest portion of the City as the tower will reduce fluctuation in pressure based on the elevation of the water in the tank versus the continuous change in pressure from the pumps. Filling and flushing of mains and the new NW Water Tower would take approximately 5,000,000 gallons of water.

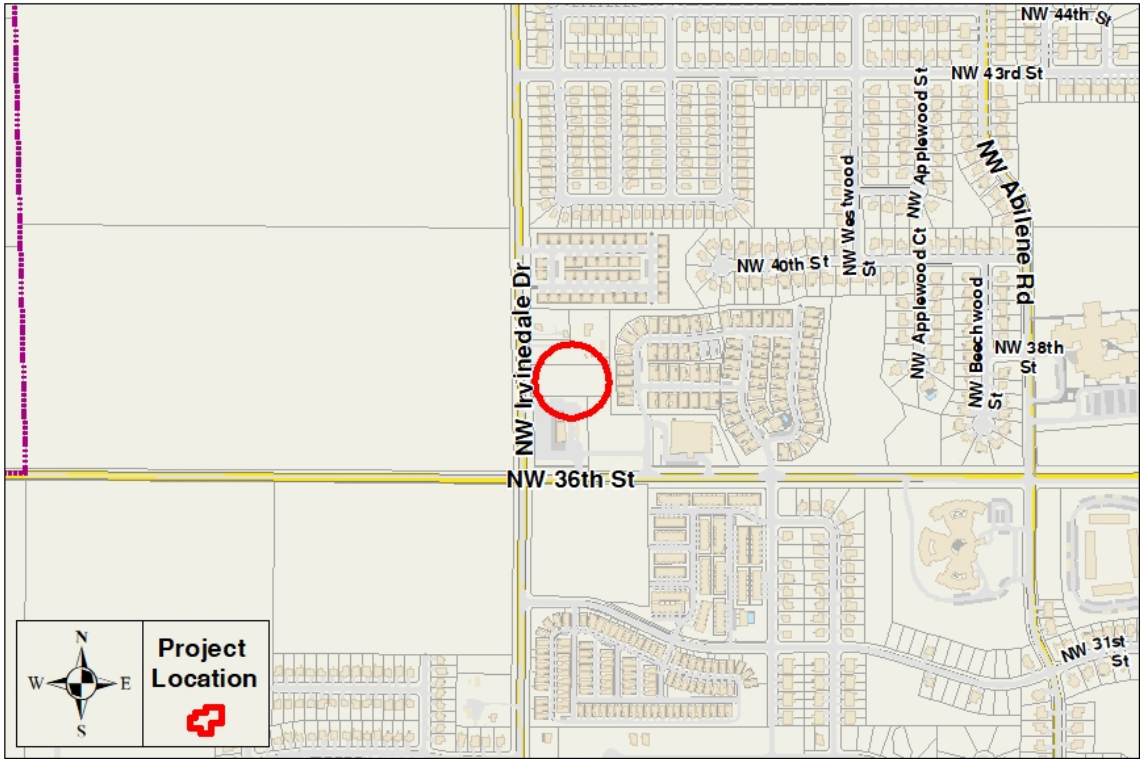
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	18,800					18,800
Total	18,800					18,800

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 thru 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTT-19-002
Project Name	Northwest Water Tower



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Maintenance
Useful Life 20 years
Category Water Towers/Storage

Project #	WTT-20-002
Project Name	SE Magazine Ground Storage Tank Repaint

Description

This project is to repaint the interior and exterior of the SE Magazine Ground Storage Tank. The existing paint is starting to show signs of wear as the usefulness of the existing coating is breaking down. Typically, painted surfaces can last in the 15-20 year range. This ground storage tank was last painted around the year 2002.

Justification

This project is needed to maintain the ability to provide safe and potable drinking water to Ankeny residents. Dixon Engineering completed a review of the City's existing water storage infrastructure and made recommendations to recoat both the interior and exterior of the SE Magazine Ground Storage Tank. This tank is showing signs of streaking and spotting rust in areas on both surfaces. A dry abrasive blast cleaning will be required to remove the existing coatings; overcoating is not recommended due to the age of the existing coatings.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	80,000					80,000
Construction Costs	646,000					646,000
Total	726,000					726,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	726,000					726,000
Total	726,000					726,000

Budget Impact/Other

The operating impact will include approximately 300,000 gallons to flush out the existing tank.

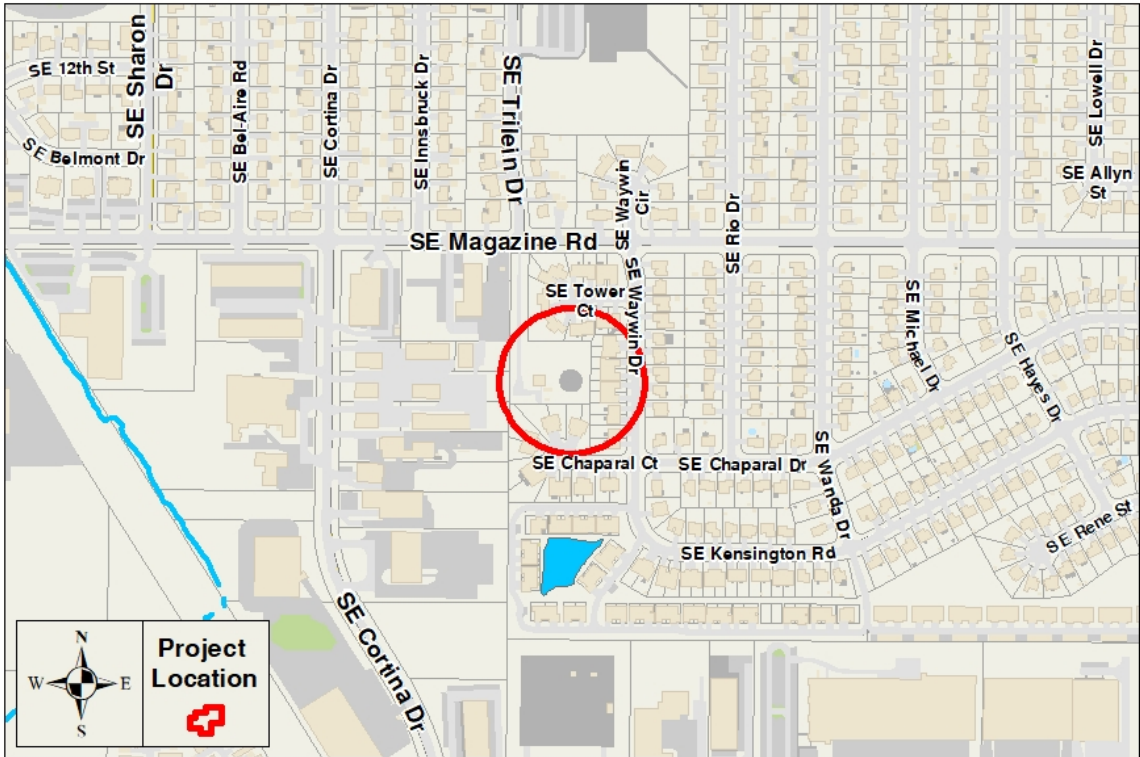
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	1,150					1,150
Total	1,150					1,150

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTT-20-002
Project Name	SE Magazine Ground Storage Tank Repaint



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department	Water Utility
Contact	Municipal Utilities Director
Type	Improvement
Useful Life	20 years
Category	Water Towers/Storage

Project #	WTT-23-001
Project Name	SW Irvinedale Elevated Storage Tank Repaint

Description

This project is to repaint the interior and exterior of the SW Irvinedale Elevated Storage Tank. The existing paint is starting to show signs of wear as the usefulness of the existing coating is breaking down. Typically, painted surfaces can last in the 15-20 year range. With the exception of interior spot repairs in 2020, this tower has not been repainted since it was installed in 2009.

Justification

This project is needed to maintain the ability to provide safe and potable drinking water to Ankeny residents. The existing the paint has some spot failures, showing signs of streaking and spotting rust on both surfaces, and the exterior topcoat shows signs of delamination. To overcoat this facility, it would require a brush blast to rough up the existing surface to allow for a better bonding of new coating to existing coating.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				90,000		90,000
Engineering-Construction Services					77,000	77,000
Construction Costs					1,110,000	1,110,000
Total				90,000	1,187,000	1,277,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Fund				90,000		90,000
Water Revenue Bonds					1,187,000	1,187,000
Total				90,000	1,187,000	1,277,000

Budget Impact/Other

The operating impact will include approximately 1,500,000 gallons to flush out the existing tank.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities					8,200	8,200
Total					8,200	8,200

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

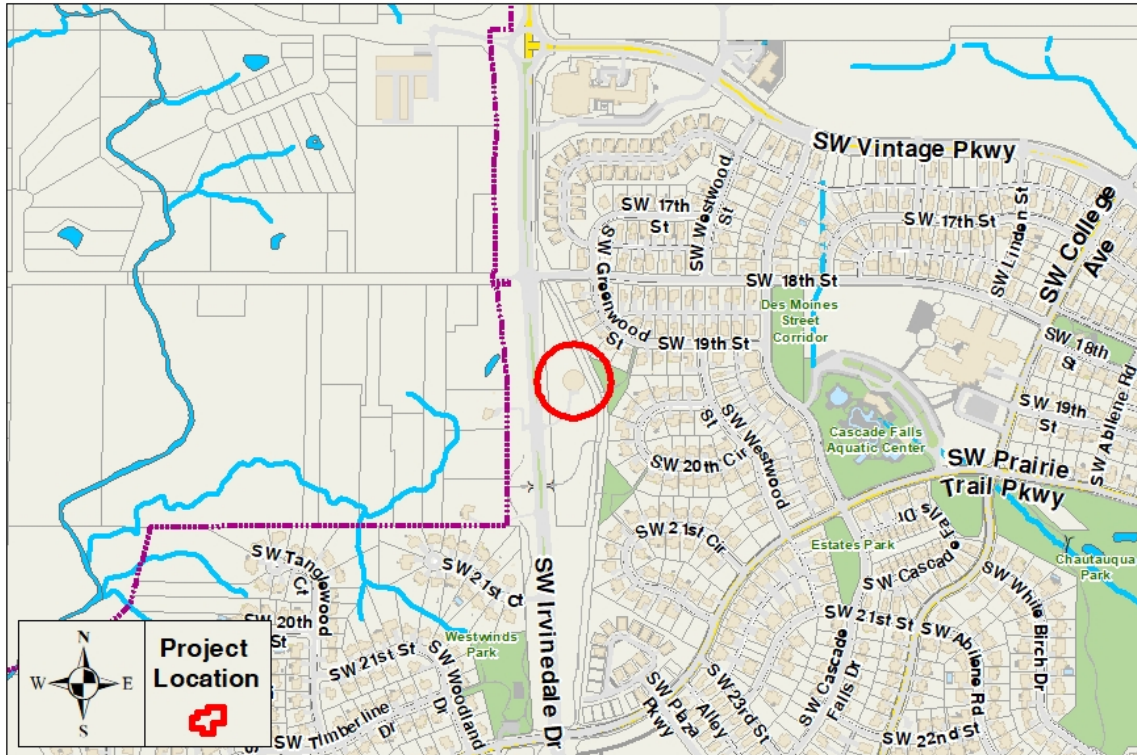
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # WTT-23-001

Project Name SW Irvinedale Elevated Storage Tank Repaint



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Towers/Storage

Project #	WTT-24-001
Project Name	East Water Tower

Description

Construct a new 2 million gallon elevated water storage tank to provide additional water storage and more reliable water pressure and flow to the eastern part of the City.

Justification

The proposed site is located near East 1st Street and County NE 38th Street. The property has not been purchased, so the exact location is yet to be determined. The tower is needed to provide reliable water pressure and flow for the surrounding areas.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		400,000				400,000
Engineering-Construction Services			400,000			400,000
Construction Costs			10,000,000			10,000,000
Total		400,000	10,400,000			10,800,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds		400,000	10,400,000			10,800,000
Total		400,000	10,400,000			10,800,000

Budget Impact/Other

The design phase would require approximately 100 hours of staff time for review. Field staff will be needed toward the completion of construction with the filling and flushing of mains and the new East Water Tower. Filling and flushing of mains and the tower would take approximately 4,000,000 gallons of water.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities				19,840		19,840
Total				19,840		19,840

City of Ankeny, Iowa

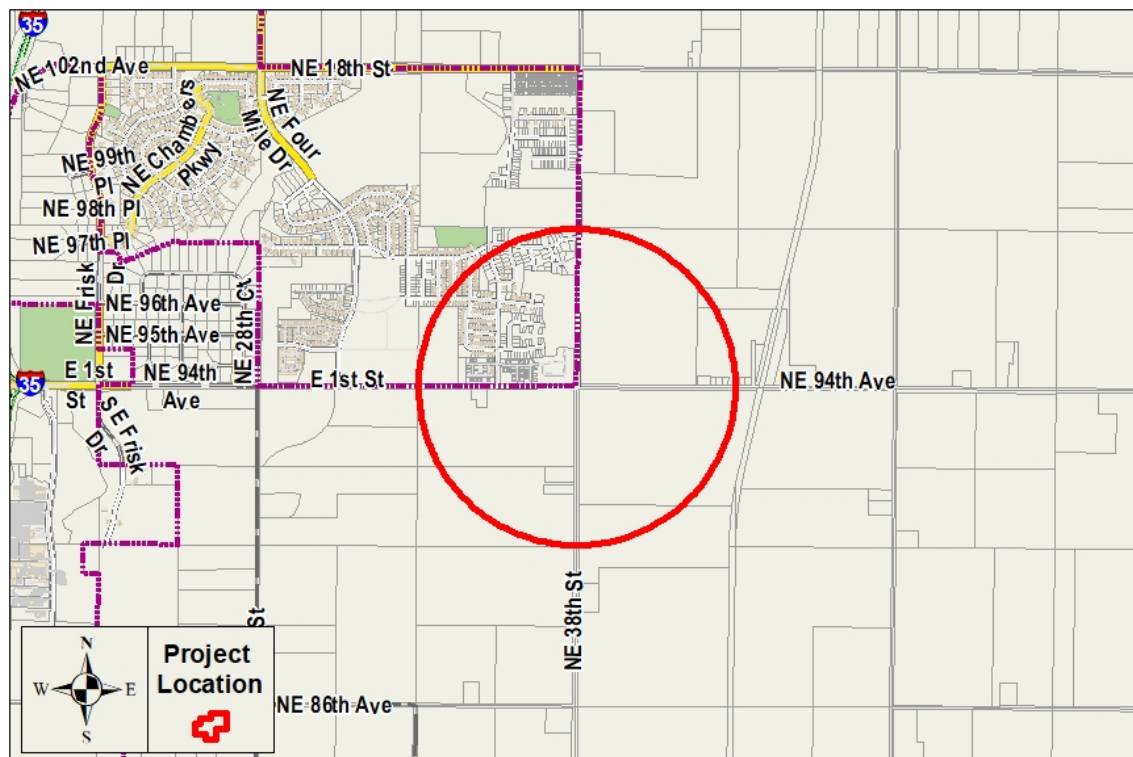
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # **WTT-24-001**

Project Name East Water Tower





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ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

Approval of official council actions of the regular meeting of December 4, 2023, as published, subject to correction, as recommended by the City Clerk.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 Minutes

MINUTES OF THE ANKENY CITY COUNCIL

Monday, December 4, 2023 5:30 p.m.

Ankeny Kirkendall Library - City Council Chambers

Mark Holm, Mayor

Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

Mayor Mark Holm called the meeting to order at 5:30 p.m. Council Members Jeff Perry, Joe Ruddy, and Todd Shafer were in attendance. Council Members Bobbi Bentz and Kelly Stearns were absent. City Manager David Jones and City Attorney Amy Beattie were also present. Mayor Holm led in the Pledge of Allegiance.

PUBLIC FORUM

1. Joseph Pace introduced himself to council and expressed his interest in being appointed to the Board of Examiners and Appeals.

APPROVAL OF AGENDA

1. Council Member Ruddy moved, Perry seconded, to approve and accept the December 4, 2023 agenda without amendment. Ayes: 3.

PUBLIC HEARING

1. PH 2023-63. Mayor Holm announced this is the time and place for a public hearing on the matter of the adoption of plans, specifications, form of contract and estimate of cost for construction of certain public improvements described in general as construction of the North Four Mile Creek Trunk Sewer – Phase 2 project. Notice of this hearing was published in the Des Moines Register on the 17th day of November, 2023.

Mike Schrock, Assistant City Manager, reported that the North Four Mile Creek Trunk Sewer - Phase 2 project will extend a 30-inch diameter sanitary sewer north along N. Ankeny Blvd. for approximately 1250 lineal feet and then continue north with an 18-inch diameter sanitary sewer for another 700 lineal feet to the end of the project.

Mayor Holm then asked for any public comment regarding the proposed project. Hearing no comments, Council Member Perry moved, Ruddy seconded, to close public hearing 2023-63. Ayes: 3.

2. PH 2023-64. Mayor Holm announced this is the time and place for a public hearing on the approval of an amendment to Telecommunications & Ground Space Lease by the City of Ankeny and Cell Tower Lease Amendment by and through CCATT LLC. Notice of this hearing was published in the Des Moines Register on the 24th day of November, 2023.

Mike Schrock, Assistant City Manager, reported that the City and Crown Castle are parties to an existing lease agreement for the large stealth monopole cell tower located in the Prairie Ridge Park. The agreement was originally approved with AT&T in 2002. However, Crown Castle acquired portions of AT&T's tower portfolio, including this site and the lease agreement was assigned to them, or their successor (NCWPCS MPL 30 - Year Sites Tower Holding LLC, by and through CCATT LLC). Crown Castle has expressed interest in extending the existing contract with the City that would otherwise expire in 2027. The extension is requested now to help facilitate long term investment by Crown Castle and potential co-locator entities.

Mayor Holm then asked for any public comment regarding the proposed amendment. Hearing

no comments, Council Member Shafer moved, Perry seconded, to close public hearing 2023-64. Ayes: 3.

3. PH 2023-65. Mayor Holm announced this is the time and place for the public hearing and meeting on the matter of the authorization of a Loan and Disbursement Agreement by and between the City and the Iowa Finance Authority and the issuance to the Iowa Finance Authority of not to exceed \$11,295,000 Water Revenue Capital Loan Notes, of the City of Ankeny, State of Iowa, to evidence the obligations of the City under the said Loan and Disbursement Agreement, in order to provide funds to pay the costs of: acquisition, construction, reconstruction, extending, remodeling, improving, repairing and equipping all or part of the Water Utility, including those costs associated with the Northwest Water Tower project. Notice of this public hearing was published in the Des Moines Register on the 24th day of November 2023 pursuant to the provisions of Sections 384.24A and 384.83 of the Code of Iowa.

Jennifer Sease, Administrative Services Director, reported the not to exceed \$11,295,000 Water Revenue Capital Loan Notes are being proposed to fund the design and construction of the Northwest Water Tower in the 2024 Capital Improvement Program.

Mayor Holm then asked for any public comment regarding the proposed loan and disbursement agreement and capital loan note issuance. Hearing no comments, Council Member Shafer moved, Ruddy seconded, to close public hearing 2023-65. Ayes: 3.

APPROVAL OF CONSENT AGENDA

Minutes

1. Official council actions of the regular meeting of November 20, 2023, as published.
2. Receive and file minutes of the Plan and Zoning Commission meeting of November 7, 2023.
3. Receive and file minutes of the Library Board of Trustee meeting of October 19, 2023.

Licenses and Permits

4. Issuance of liquor licenses and beer/wine permits in the City of Ankeny.

Finance/Budget

5. Amendment No. 1 to the Professional Services Agreement increasing the contract amount by \$53,900.00 with Snyder & Associates, Inc. for construction engineering and property acquisition services associated with the SE Delaware Avenue & SE 54th Street Traffic Signal.
6. Payment #1 in the amount of \$123,636.45 to Ace Pipe Cleaning, Inc., for construction services on the Southern Interceptor Inspection project.
7. Payment #31 in the amount of \$2,766.00 to FOX Strand, for engineering services on the Ankeny ASR project.
8. Payment #7 in the amount of \$17,500.00 to FOX Strand, for engineering services on the NE 36th Street & NE 38th Street Water Main Loop project.
9. Payment #12 in the amount of \$26,000.65 to HR Green, Inc., for construction engineering services on the Oralabor Gateway Trail-SW State Street Underpass and SW Oralabor Road and SW State Street Safety Improvements project.
10. Payment #7 in the amount of \$4,823.75 to JEO Consulting Group, Inc., for engineering services on the Transportation Master Plan.
11. Payment #2 in the amount of \$15,053.50 to Nilles Associates, Inc., for engineering services on the Vintage Business Park North Lake and Saylor Creek Repairs project.

12. Payment #16 in the amount of \$43,223.44 to Short Elliott Hendrickson Inc., for engineering services on the S Ankeny Blvd Transmission Main project.
13. Payment #31 in the amount of \$997.50 to Snyder & Associates, Inc., for engineering services on the High Trestle Trail Ext Magazine Rd to Oralabor Rd project.
14. Payment #33 in the amount of \$8,492.66 to Snyder & Associates, Inc., for engineering services on the HTT Transmission Main and Drainage Improvements project.
15. Payment #2 in the amount of \$40,757.61 to Snyder & Associates, for engineering services on the N Ankeny Blvd Improvements 1st Street to 11th Street project.
16. Payment #32 in the amount of \$51,000.00 to Snyder & Associates, Inc., for engineering services on the NW 36th St Widening - NW Ash Dr to N Ankeny Blvd project.
17. Payment #28 in the amount of \$26,456.79 to Snyder & Associates, Inc., for engineering services on the NE Delaware Ave Recon - NE 5th St to NE 18th St project.
18. Payment #6 in the amount of \$5,541.66 to Snyder & Associates, Inc., for engineering services on the NW Northlawn Area Utility Improvements - Phase 3 project.
19. Payment #7 in the amount of \$3,304.81 to Snyder & Associates, for engineering services on the SE Delaware Ave and SE 54th St Traffic Signal project.
20. Payment #8 in the amount of \$13,585.92 to Snyder & Associates, for engineering services on the SE Oralabor Rd & SE Creekview Dr Traffic Signal Replacement project.
21. Payment #7 in the amount of \$35,944.74 to Snyder & Associates, for engineering services on the S Ankeny Blvd Improvements SE Peterson Dr to 1st St project.
22. December 4, 2023 Accounts Payable by fund: General \$203,163; Hotel Motel Tax \$3,288; Parks Improvements \$6,332; Road Use Tax \$98,925; Tax Increment Financing \$100,904; Library Foundation \$305; Water \$89,055; Sewer \$134,073; Storm Water \$7,403; Golf Course \$12,265; Enterprise Project \$693,880; Revolving \$5,468; Risk Management \$56,505; Health Insurance \$9,925; Capital Projects \$423,980; Payroll Totals \$1,832,286; Transfers/ACH (\$206,208); Agenda Payments Approved Separately (\$548,029); Grand Total \$2,923,520.

Engineering

23. **RESOLUTION 2023-444** accepting public improvements for utilities in Reserve at The Grove Plat 1.
24. **RESOLUTION 2023-445** accepting public improvements for paving in Reserve at The Grove Plat 1.
25. **RESOLUTION 2023-446** accepting public improvements for subgrade prep. in Reserve at The Grove Plat 1.
26. **RESOLUTION 2023-447** accepting public improvements in 36th Street Centre Plat 1 for sanitary sewer and water main.
27. **RESOLUTION 2023-448** accepting public improvements in 36th Street Centre Plat 1 for paving & subgrade.

Capital Improvement Projects

28. **SW State Street Reconstruction - Southbound Lanes:** a) Final Change Order #1 decreasing the contract amount by \$28,170.00; b) Certificate of Completion; c) **RESOLUTION 2023-449** accepting the public improvements with Alliance Construction Group, LLC in the amount of \$1,379,423.05; and d) Final Payment #4 in the amount of \$59,147.00 / Release of Retainage in the amount of \$68,971.15.
29. **SE Quadrant Fiber Optic Upgrade:** a) Certificate of Completion; b) **RESOLUTION 2023-450** accepting the public improvement with Electric Conduit Construction Company in the amount of \$81,508.16; and c) Retainage Payment in the amount of \$825.41.

Administrative Items

30. **RESOLUTION 2023-451** approving a 28E Agreement between the City of Ankeny and the Iowa Department of Revenue ("IDR") for a tobacco, Alternative Nicotine and Vapor Product Enforcement Program in the City of Ankeny.
31. **RESOLUTION 2023-452** setting a time and place for a public hearing on the proposed 2024-2028 Capital Improvement Program (date of hrg: 12/18/23 @ 5:30 p.m.).

Approval of Consent Agenda Items

1. Council Member Shafer moved, second by Ruddy, to approve the recommendations for Consent Agenda Items CA-1 through CA-31. Ayes: Shafer, Ruddy, Perry.

LEGISLATIVE BUSINESS

Boards/Commissions Appointments

1. Council Member Ruddy moved, Perry seconded, to adopt **RESOLUTION 2023-453** appointing council and staff to serve on various committees and boards for 2024. Ayes: Ruddy, Perry, Shafer. Council Member Perry moved, Ruddy seconded, to adopt **RESOLUTION 2023-454** appointing a member and alternate member to the Polk County 911 Service Board. Ayes: Perry, Ruddy, Shafer. Council Member Perry moved, Ruddy seconded, to adopt **RESOLUTION 2023-455** appointing representatives to the Des Moines Area MPO Committees. Ayes: Perry, Ruddy, Shafer.

NEW BUSINESS

1. Proposed North Four Mile Creek Trunk Sewer - Phase 2 (PH 2023-63) Council Member Ruddy moved, Shafer seconded, to adopt 1) **RESOLUTION 2023-456** adopting plans, specifications, form of contract and estimate of cost \$1,932,905.00; 2) receive and file report of bids received November 28, 2023; 3) adopt **RESOLUTION 2023-457** making award of construction contract with Rognes Corporation in the amount of \$2,076,232.00; and 4) adopt **RESOLUTION 2023-458** approving contract and bonds with Rognes Corporation in the amount of \$2,076,232.00. Ayes: Ruddy, Shafer, Perry.
2. Proposed Amendment to Telecommunications & Grounds Space Lease Agreement (PH 2023-64) Council Member Ruddy moved, Shafer seconded, to adopt **RESOLUTION 2023-459** approving Amendment to Telecommunications & Grounds Space Lease by the City of Ankeny and Cell Tower Lease Amendment with NCW PCS MPL 30 - Year Sites Tower Holding LLC, by and through CCATT LLC. Ayes: Ruddy, Shafer, Perry.
3. Proposed Issuance of Not to Exceed \$11,295,000 Water Revenue Capital Loan Notes (PH 2023-65) Council Member Ruddy moved, Shafer seconded, to adopt **RESOLUTION 2023-460** instituting proceedings to take additional action for the authorization of a Loan and Disbursement Agreement and the issuance of not to exceed \$11,295,000 Water Revenue Capital Loan Notes. Ayes: Ruddy, Shafer, Perry. Council Member Perry moved, Shafer seconded, to adopt **RESOLUTION 2023-461** approving and authorizing a form of Loan and Disbursement Agreement by and between the City of Ankeny and the Iowa Finance Authority, and authorizing and providing for the issuance and securing the payment of \$11,103,000 Water Revenue Capital Loan Notes, Series 2023D, of the City of Ankeny, State of Iowa, under the provisions of the Code of Iowa, and providing for a method of payment of the Notes; approval of Tax Exemption Certificate. Ayes: Perry, Shafer, Ruddy.

ADJOURNMENT

1. Meeting was adjourned at 5:51 p.m. and was immediately followed by a Council Action Planning Session.

Michelle Yuska, City Clerk

Mark E. Holm, Mayor

Published in the Des Moines Register on 12/15/23.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Planning and Building

COUNCIL GOAL:
Ensure Economic Vitality

ACTION REQUESTED:
Motion

LEGAL:

SUBJECT:
Receive and file minutes of the Plan and Zoning Commission meeting of November 21, 2023.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 P&Z Minutes 2023-11-21



Meeting Minutes

Plan & Zoning Commission Meeting

Tuesday, November 21, 2023

Ankeny City Council Chambers, Second Floor
1250 SW District Drive, Ankeny, Iowa

CALL TO ORDER

Chair Ted Rapp called the November 21, 2023 meeting of the Plan & Zoning Commission to order at 6:30 p.m.

ROLL CALL

Members present: Ted Rapp, Glenn Hunter, Todd Ripper Randy Weisheit and Lisa West. Absent: Trina Flack and Annette Renaud. Staff present: E.Jensen, E.Carstens, B.Morrissey, L.Hutzell, R.Kirschman and B.Fuglsang.

AMENDMENTS TO THE AGENDA

Motion by G.Hunter to approve and accept the November 21, 2023 agenda without amendments. Second by T.Ripper. All voted aye. Motion carried 5 – 0.

COMMUNICATIONS

There were no communications.

CITIZEN'S REQUEST

There were no requests.

CONSENT AGENDA ITEMS

Item #1. Minutes

Motion to approve and accept the November 7, 2023 minutes of the Plan and Zoning Commission meeting.

Item #2. Deer Creek South Plat 3 Final Plat

Motion to recommend City Council approval of the Deer Creek Plat 3 Final Plat.

Item #3. Ankeny Fire Station No. 4 Final Plat

Motion to recommend City Council approval of the Ankeny Fire Station No. 4 Final Plat.

Item #4. 2320 NW Weigel Drive - Ankeny Fire Station No. 4 Site Plan

Motion to approve the site plan for 2320 NW Weigel Drive, Ankeny Fire Station No. 4, subject to approval of the associated final plat.

Referencing Item #4, R.Weisheit mentioned that the elevations for the fire station site plan look to have a discrepancy in the directional labeling. E.Carstens responded by saying that they do appear to be backwards and clarified the information for the Commission. T.Rapp asked if NW Weigel Drive will be paved with this project. E.Jensen responded yes, it is in the CIP. T.Rapp inquired as to whether the adjacent landowners have any knowledge of the proposed fire station location. E.Jensen said that he is unaware, since site plans do not require public notification.

Motion by G.Hunter to approve the recommendations for Consent Agenda Item #1 - #4. Second by R.Weisheit. All voted aye. Motion carried 5 – 0.

PUBLIC HEARINGS

There were no public hearings.

BUSINESS ITEMS

There were no business items.

REPORTS**City Council Meeting**

E.Jensen reported on the November 20, 2023 City Council meeting.

Director's Report

E.Jensen presented the tentative agenda items for the December 5, 2023 Plan and Zoning Commission meeting.

Commissioner's Reports

There were no reports.

MISCELLANEOUS ITEMS

November 20, 2023 – 5:30 p.m. City Council Meeting Representative: Staff

ADJOURNMENT

There being no further business, T.Rapp motioned to adjourn. Meeting adjourned at 6:35 p.m.



Submitted by Brenda Fuglsang, Secretary
Plan & Zoning Commission



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Planning and Building

COUNCIL GOAL:
Ensure Economic Vitality

ACTION REQUESTED:
Motion

LEGAL:

SUBJECT:
Receive and file minutes of the Zoning Board of Adjustment meeting of November 7, 2023.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 ZBOA Minutes 2023-11-07

Meeting Minutes
Zoning Board of Adjustment
Tuesday, November 7, 2023
Ankeny City Council Chambers
1250 SW District Drive, Second Floor, Ankeny, Iowa

CALL TO ORDER

Chair Matt Ott called the November 7, 2023 regular meeting of the Zoning Board of Adjustment to order at 5:00 p.m.

ROLL CALL

Members present: Jeff Baxter, Matt Ott, Nichole Sungren, Kristi Tomlinson and Brett Walker. Staff: E.Jensen, E.Carstens, D.Silverthorn, J.Heil, B.Morrissey, R.Kirschman and B.Fuglsang.

AMENDMENTS TO THE AGENDA

There were no amendments to the agenda.

MINUTES OF THE OCTOBER 3, 2023 REGULAR MEETING

Motion by J.Baxter to approve the October 3, 2023 meeting minutes as submitted. Second by N.Sungren.
Motion carried 3 – 0 – 2 (Abstain: K.Tomlinson and B.Walker).

COMMUNICATIONS / CORRESPONDENCE

Correspondence received for Appeal #23-18:

Tom Hay, 2014 SW Sage Circle, Ankeny

Gregory Brumm, 4401 SW Sawgrass Parkway, Ankeny

BUSINESS ITEMS

PUBLIC HEARINGS:

#23-18

Chris Mortale, Amazed Construction Services

on behalf of Kristine and Brock Ford

for property located at

4402 SW Sawgrass Parkway

Lot 30, Sawgrass Park Plat 4

RE: Variance - Rear Yard Setback

Chair M.Ott opened the public hearing.

Brock Ford, 4402 SW Sawgrass Parkway, Ankeny said they would like to put a roof over their deck, which will be the same dimensions as the deck. He shared that it would sit 10 feet into the rear yard setback. He explained that the roof would provide shelter for them so they could enjoy their west-facing deck and the Sawgrass Parkway. Brock Ford said they do have a unique backyard and would prefer not to put up temporary canopies and/or umbrellas to shield the sun. He commented that he did visit with his neighbors about the plans for the covered deck. He respectfully asked the Board for approval of the request.

M.Ott asked if any of the neighbors had issues or concerns. Brock Ford responded, no. An aerial map was presented and Chair Matt Ott asked Brock Ford to point out which neighbors he spoke to regarding the plans for the covered deck.

There were no further questions from the Board.

R.Kirschman reported that the request before the Board is for a variance to Ankeny Municipal Code Section 192.05(3)(E) that requires Rear Yard: 35-feet, allowing a 25-foot rear yard setback for a covered deck at 4402 SW Sawgrass Parkway. He said the property contains a single-family home with an attached deck on the west side of a .204-acre lot. It is located south of SW Oralabor Road and west of SW State Street within the southwestern quadrant of Ankeny. The subject property is zoned R-3 with restrictions, Multiple Family Residence District restricted to single family homes and neighboring properties to the north, south and east are similarly zoned R-3 with restrictions; and Sawgrass Park is located west of the subject property. The subject parcel is unique due to Sawgrass Park being located directly behind the home. He said that similar variance

requests have been approved by the Zoning Board of Adjustment in the past, with the most recent being in September of 2023, which allowed a covered deck to extend 13-feet into the rear yard setback. He commented that the staff's opinion is that the covered deck will have minimal impact on the neighboring properties. R.Kirschman stated that all property owners within 250' of the subject property were notified of the proposed variance by mail, and to date, staff have only received correspondence from two property owners, one in favor and one in opposition. The staff position is to grant a variance to Ankeny Municipal Code Section 192.05(3)(E) to allow a 25-foot rear yard setback for the construction of a covered deck at 4402 SW Sawgrass Parkway. Staff's position is based on a determination that the decreased rear yard setback from the resulting covered deck would not impair adequate supply of air and light, would not increase public danger of fire, or diminish property values; and that this request is in harmony with the intended spirit and purpose of the Ankeny Municipal Code.

M.Ott asked if the individual who contested the request provided any reasons, as there is nothing provided in the correspondence presented to the Board. R.Kirschman responded, no.

James Crabb, 4302 SW Sawgrass Parkway, Ankeny said that he is the only neighbor where the cover over the deck could impede the line-of-sight, which it will not if built as shown. He commented that the only thing it blocks is the view of the neighbor's yard. He said that he will still have a full view of the greenspace, if the request is granted. He is in favor of the request.

Chair Matt Ott informed the audience that two pieces of correspondence were received, one in favor and one against. The one who contested did not provide their concerns.

Motion by M.Ott to close the public hearing, and receive and file documents. Second by J.Baxter. All voted aye. Motion carried 5 – 0.

The Board had no concerns.

Board Action on Filing #23-18 for property located at 4402 SW Sawgrass Parkway

Motion by N.Sungren that the Zoning Board of Adjustment grant a variance to Ankeny Municipal Code Section 192.05(3)(E) to allow a 25-foot rear yard setback for the construction of a covered deck at 4402 SW Sawgrass Parkway. The Board's decision is based on a determination that the decreased rear yard setback from the resulting covered deck would not impair adequate supply of air and light, would not increase public danger of fire, or diminish property values; and that this request is in harmony with the intended spirit and purpose of the Ankeny Municipal Code. Second by K.Tomlinson. All voted aye. Motion carried 5 – 0.

#23-19

Andrea Dose

for property located at

2202 NE Trilein Drive

Lots 1 & 2, Northbrook Plat 6

RE: Variance - Rear Yard Setback

Chair M.Ott opened the public hearing.

Andrea Dose, 2202 NE Trilein Drive, Ankeny said they have lived at this address for more than seven years and have been a part of the Ankeny Community for 12 years. She thanked the Board for their leadership. Andrea Dose stated that she is requesting a variance for a pergola to be placed in their back yard, which will be attached to their home. She said that they have taken good care of their home and are adding a pool on the west side. She explained that the patio faces the west and is extremely hot in the summer, and by adding the pergola, it would provide a more comfortable experience to their patio. The pergola is a quality product and an investment. Andrea Dose stated the pergola would have zero impact on their neighbors as they have trees that line the back-property line and by having the double lot it would not impede on anyone else. She also commented that they have visited with some of their neighbors and they are in support of this request. She respectively asked the Board for approval of the request for a 3-foot variance.

D.Silverthorn reported that the request is for a variance to Ankeny Municipal Code Chapter 192.03.3.E allowing a 32-foot rear yard setback for the property located at 2202 NE Trilein Drive. He stated that the appellant is requesting a variance to the minimum required rear yard setback of 35 feet within the R-1, One-

Family Residence Zoning District, in order to construct a pergola over the existing patio. The proposed pergola will be attached to the house, and is therefore considered a part of the principal building and subject to the required setbacks. D.Silverthorn said that the proposed pergola would encroach approximately three feet into the required minimum 35-foot rear yard setback, resulting in a 32-foot rear yard setback. The home is situated on Lots 1 & 2, Northbrook Plat 6, which is generally located near the intersection of NE Trilein Drive and NE Georgetown Boulevard. The subject property is zoned R-1, One-Family Residence District, and the surrounding properties to the north, east, south, and west of the subject property are also zoned R-1, One-Family Residence District. D.Silverthorn presented an aerial map showing the current distance between the rear property line and the home. D.Silverthorn explained that the appellant is currently constructing an in-ground swimming pool and related patio improvements, which include the required fence for the swimming pool as well as additional landscaping surrounding the pool and along the rear property line. He commented that the existing mature landscaping will also provide additional screening for the house that would be most impacted by the variance request, if approved. The Board has granted five such variances requests this year, resulting in setbacks of 33, 32, 29, 22 and 10 feet. The staff position for this request is that the Zoning Board of Adjustment grant a variance to Ankeny Municipal Code Chapter 192.03.3.E, allowing a 32-foot rear yard setback for the property located at 2202 NE Trilein Drive. This position is based on a determination that the variance would adequately safeguard the health, safety and welfare of the occupants of adjoining and surrounding property, would not impair an adequate supply of light and air to adjacent property, would not increase public danger of fire or endanger the public safety, and would not diminish or impair established property values in the surrounding area; and that this request is in harmony with the intended spirit and purpose of the Ankeny Municipal Code.

J.Baxter confirmed with staff the location and size of the pergola as shown on the drawing, as it looks rectangular versus square (16'x16'). D.Silverthorn provided the location and shared that the drawing is not to scale. J.Baxter then confirmed that had the pergola not been attached to the home, it could have been placed in the rear yard without a variance. D.Silverthorn responded yes, but further clarified that if detached, it would need to be located at least six (6) feet from the principal structure and may be allowed anywhere in the rear yard, as long as it is located outside of any existing easements and at least three (3) feet from a property line.

There was no one in the audience to speak for or against the request.

Motion by M.Ott to close the public hearing, and receive and file documents. Second by K.Tomlinson. All voted aye. Motion carried 5 – 0.

Board Action on Filing #23-19 for property located at 2202 NE Trilein Drive

Motion by B.Walker that the Zoning Board of Adjustment grant a variance to Ankeny Municipal Code Chapter 192.03.3.E, allowing a 32-foot rear yard setback for the property located at 2202 NE Trilein Drive. The Board's position is based on a determination that the variance would adequately safeguard the health, safety and welfare of the occupants of adjoining and surrounding property, would not impair an adequate supply of light and air to adjacent property, would not increase public danger of fire or endanger the public safety, and would not diminish or impair established property values in the surrounding area; and that this request is in harmony with the intended spirit and purpose of the Ankeny Municipal Code. Second by M.Ott. All voted aye. Motion carried 5 – 0.

NEW BUSINESS

There was no new business.

REPORTS

Renewed Special Use Permits

#21-20 Vintage Brewhouse - 1300 NW 36th Street, Suite 101

#22-03 Silk Elephant - 2410 SW White Birch Drive, Suite 108

There being no further business, meeting adjourned at 5:27 p.m.



Submitted by Brenda Fuglsang, Board Secretary
Zoning Board of Adjustment



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:
Ensure Economic Vitality

ACTION REQUESTED:
Motion

LEGAL:
Item Reviewed by Legal Counsel

SUBJECT:
Consider motion to approve the issuance of liquor licenses and/or beer/wine permits in the City of Ankeny.

EXECUTIVE SUMMARY:
In accordance with the Iowa Code Section 123.1 and the City of Ankeny Code of Ordinances Chapter 130, "Liquor Licenses and Wine and Beer Permits," the following license(s) have been investigated and reviewed by the Ankeny Police Department, and when necessary, by Planning & Building and/or Fire Department staff, and are presented to the City Council for approval. Copies of license and/or beer applications are available, for your review, in the Office of the City Clerk.

1. Main Street Cafe & Bakery, Inc. d/b/a Main Street Cafe & Bakery, 2510 SW White Birch Dr., Ste 1, 2, 3, 4 - Class C Retail Alcohol License (LC) (Renewal) includes Outdoor Service, Catering - Effective January 14, 2024.
2. SPG-Ankeny, Inc. d/b/a The Sports Page, 1701 N Ankeny Blvd., - Class C Retail Alcohol License (LC) (New Legal Entity) includes Outdoor Service - Tentatively Effective December 27, 2024.

3. Your Private Bartender LLC, d/b/a Your Private Bar, 1055 SW Prairie Trail Pkwy (FFA Bldg.) - Class C Retail Alcohol License (LC) (5 Day) - Effective December 29, 2023.
4. Your Private Bartender LLC, d/b/a Your Private Bar, 1055 SW Prairie Trail Pkwy (FFA Bldg.) - Class C Retail Alcohol License (LC) (5 Day) - Effective January 28, 2024.
5. Ankeny Pizza LLC, d/b/a Grimaldi's Pizzeria, 1450 SW Vintage Pkwy - Class C Retail Alcohol License (LC) (NEW) - Tentatively Effective January 8, 2024 PENDING FINAL INSPECTION, DRAM ENDORSEMENT.

FISCAL IMPACT: Yes

The City of Ankeny will receive a portion of each application fee in accordance with Iowa Code Section 123.143.

CITY MANAGER'S RECOMMENDATIONS:

Approve the issuance of liquor licenses and / or beer / wine permits.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Finance

COUNCIL GOAL:

Exercise Financial Discipline

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to receive and file Financial Reports for November 2023.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Finance Report

Monthly Finance Report – November 2023

To the Honorable Mayor and City Council:

The financial reports for the month of November are submitted herewith in. The City's budget process is well underway as we near the halfway mark of the fiscal year. Total actual expenditures are considerably below original budget estimates while total actual revenues are above the original budget estimates. Detailed analysis is currently being done on all of the City's revenues and expenditures, which will culminate in a revised budget to be presented to the City Council for approval in April.

Through November 30, the City's total revenues are at 46.79% of the budget as seen on the *Revenue Summary by Fund* report. This is primarily attributable to the receipt of property tax revenues in the general fund, tax increment financing fund, police and fire retirement fund and debt service fund. Strong interest revenues are also playing a part in the variance.

Through November 30, the City's total expenditures are at 36.13% of the budget as seen on the *Expenditure Summary by Fund* report. This is significantly lower than might be expected due primarily to the debt service related activity. When debt service payments are removed, the City's total expenditures are at 40.21%, slightly under the expected 41.7%.

Since the beginning of the fiscal year the City's cash levels have increased from \$153,037,937 to \$162,292,087 an increase of \$9,254,150, as detailed on the *Cash Balance Summary* report. The increase is attributable to the receipt of property tax revenues in the general fund, tax increment financing fund, police and fire retirement fund and debt service fund. These increases are being offset by the decline in the cash balances of the capital project funds. Available capital project cash balances will remain low until bond proceeds are received in the spring to fund the 2024 Capital Improvement Program.

As the budget process continues to progress, reviewing the City's revenues and expenditures is a necessary element. It is important to determine as effectively as possible whether or not the City is on the financial track that was predicted a year earlier. Each monthly report during the budget process helps us to reaffirm these estimates or helps us to make the necessary adjustments.

Respectfully submitted,



Annette Graeve
Finance Officer

CITY OF ANKENY
CASH AND INVESTMENT RECONCILIATION
ALL FUNDS
November 30, 2023

Cash Basis Fund Balances	<u><u>\$ 162,292,086.80</u></u>
Investments	\$ 147,515,682.87
Checking Account Balance (per bank)	15,469,573.10
Deposits in Transit	91,048.83
Outstanding Checks	(787,918.00)
Cash Drawer/Petty Cash *	<u>3,700.00</u>
Total	<u><u>\$ 162,292,086.80</u></u>

* Cash Drawer/Petty Cash:	
Aquatic Centers	\$ -
City Hall - Finance	200.00
City Hall - Front Desk	175.00
Library	300.00
Otter Creek Golf Course	800.00
Parks and Recreation	250.00
Parks - Hawkeye & Miracle Parks	775.00
Parks - Pickleball	-
Parks - Senior Center	100.00
Police Department	100.00
Public Service Building	25.00
Community Development	100.00
Water Fund	600.00
	<u>\$ 3,700.00</u>

City of Ankeny
Cash Balance Summary
November 30, 2023

Fund	Budget Number	Cash Balance July 1, 2023	Revenues	Transfers In	Expenditures	Transfers Out	Cash Balance November 30, 2023
General:							
General	100	\$ 35,273,769.10	\$ 23,636,449.28	\$ -	\$ 18,255,782.10	\$ 543,190.90	\$ 40,111,245.38
Hotel/Motel Tax	233	578,066.43	-	543,190.90	424,592.62	-	696,664.71
Special Revenue:							
Fire Gift	220	33,104.14	765.00	-	-	-	33,869.14
Hawkeye Park Player Fees	240	37,850.78	2,895.00	-	3,696.68	-	37,049.10
Police Gift	250	10,176.53	14,495.00	-	-	-	24,671.53
Road Use Tax	260	9,930,750.11	4,096,095.54	-	2,866,688.89	-	11,160,156.76
Police Seizure	270	99,392.04	3,973.08	-	34,440.14	-	68,924.98
Tax Increment Financing	280	2,433,185.10	5,926,084.84	-	(44,649.00)	-	8,403,918.94
Police and Fire Retirement	290	1,547,627.46	1,336,721.58	-	1,081,607.03	-	1,802,742.01
Landfill Post-Closure	295	86,375.45	-	-	-	-	86,375.45
Friends of the Ankeny Library	430	86,817.57	9,660.14	-	34,124.95	-	62,352.76
Park Dedication	440	499,761.95	-	-	-	-	499,761.95
Sports Complex Foundation	445	131,474.06	14,550.00	-	-	-	146,024.06
Ankeny Garden Club	446	9,566.84	-	-	-	-	9,566.84
Miracle Park Fund	448	69,996.82	3,209.20	-	630.94	-	72,575.08
Dog Park Trust Fund	449	1,376.46	-	-	-	-	1,376.46
P&R Scholarship Fund	450	27,173.90	-	-	291.75	-	26,882.15
Civic Trust Fund	484	322,833.46	17,267.92	-	-	-	340,101.38
Debt Service	300	1,890,977.70	7,795,054.94	-	2,266,000.72	-	7,420,031.92
Enterprise:							
Solid Waste	500	459,780.72	593,860.19	-	567,971.13	-	485,669.78
Utility Deposits	505	406,262.12	103,338.74	-	87,575.00	-	422,025.86
Water Operations	510	16,671,547.67	11,346,526.90	-	5,755,916.29	811,723.00	21,450,435.28
Water Improvement	520	1,761,600.00	-	-	-	-	1,761,600.00
Water Sinking	530	1,940,827.30	-	811,723.00	284,269.41	-	2,468,280.89
Sewer Operations	550	12,344,479.03	7,563,361.83	-	4,360,799.25	-	15,547,041.61
Sewer Improvement	560	3,401,518.12	-	-	-	-	3,401,518.12
Sewer Sinking	570	-	-	-	-	-	-
Storm Water	580	2,052,671.85	1,507,092.14	-	461,090.30	-	3,098,673.69
Golf Course	590	1,823,641.03	1,371,895.02	-	1,133,150.92	-	2,062,385.13
Capital Project:							
Utility Fund Capital Projects	6**	13,057,074.43	4,669,538.90	374.00	9,292,450.69	374.00	8,434,162.64
Special Assessments	8**	22,157.71	479,689.00	-	-	-	501,846.71
Capital Projects	8** & 9**	35,629,809.37	5,030,570.85	668.72	18,679,212.22	668.72	21,981,168.00
Total Budgeted		\$ 142,641,645.25	\$ 75,523,095.09	\$ 1,355,956.62	\$ 65,545,642.03	\$ 1,355,956.62	\$ 152,619,098.31
Internal Service:							
Revolving	710	611,246.64	471,161.00	-	639,729.51	-	442,678.13
Risk Management	720	960,958.60	81,411.73	-	970,742.04	-	71,628.29
Health Insurance	730	6,437,221.18	2,336,621.81	-	2,002,026.47	-	6,771,816.52
Sustainability Revolving Loan	770	29,728.79	-	-	-	-	29,728.79
Economic Development Revolving	780	273,191.85	-	-	-	-	273,191.85
Equipment Reserve	790	2,083,944.91	-	-	-	-	2,083,944.91
Total Unbudgeted		\$ 10,396,291.97	\$ 2,889,194.54	\$ -	\$ 3,612,498.02	\$ -	\$ 9,672,988.49
Total ⁽¹⁾		\$ 153,037,937.22	\$ 78,412,289.63	\$ 1,355,956.62	\$ 69,158,140.05	\$ 1,355,956.62	\$ 162,292,086.80

⁽¹⁾ Includes interfund transactions.

City of Ankeny
Utility Capital Projects Cash Balance Summary
November 30, 2023

Fund	Budget Number	Cash Balance July 1, 2023	Revenues	Transfers In	Expenditures	Transfers Out	Cash Balance November 30, 2023
Utility Fund Capital Projects:							
Water Main Replacement	610	\$ 1,577,814.78	\$ -	\$ -	\$ 322,465.64	\$ -	\$ 1,255,349.14
Northwest Water Tower	611	(439,540.00)	-	-	25,806.43	-	(465,346.43)
SE Magazine Storage Tank Repaint	612	50,000.00	-	-	-	-	50,000.00
North Ankeny Blvd Water Main	614	22,748.79	-	-	-	-	22,748.79
NE 36th St & NE 38th St Water Main Loop	618	240,563.25	-	-	134,698.00	-	105,865.25
SW Irvinedale Dr Transmission Main-Ph 1	620	393,144.61	-	-	-	-	393,144.61
SW Irvinedale Dr Transmission Main-Ph 2	621	479,039.97	-	-	-	-	479,039.97
NW State St Water Main Improvements	622	111,891.56	-	-	-	-	111,891.56
SW Irvinedale Dr Transmission Main-Ph 3	623	(14,877.41)	-	-	-	-	(14,877.41)
NW Irvinedale Water Main-Trestle to 36th	628	100,000.00	-	-	-	-	100,000.00
High Trestle Trail Transmission Main	629	(43,963.49)	3,151,865.17	-	3,163,066.84	-	(55,165.16)
Aquifer Storage Replacement #1	632	339,622.35	-	-	234,952.40	-	104,669.95
S Ankeny Blvd Transmission Main	633	-	1,517,673.73	-	1,879,193.31	-	(361,519.58)
NW 36th & NW Weigel Water Main	634	22,084.91	-	-	-	-	22,084.91
High Trestle Trail Transmission-Phase 2	637	(374.00)	-	374.00	4,050.00	-	(4,050.00)
SE Delaware Grnd Storage Tank Repaint	638	359,775.00	-	-	223,906.34	374.00	135,494.66
Sanitary Sewer Replacement	650	1,962,647.46	-	-	253,517.62	-	1,709,129.84
Trestle Ridge Trunk Sewer Cost Share	651	600,000.00	-	-	-	-	600,000.00
West Outfall Relief Sewer	652	135,456.87	-	-	-	-	135,456.87
Otter Creek Trunk Sewer-Phase 4	655	236,589.72	-	-	59,753.00	-	176,836.72
NE Crestmoor San Sewer Replacement	656	511,010.01	-	-	479,053.95	-	31,956.06
Otter Creek Trunk Sewer Extension	657	416,786.18	-	-	-	-	416,786.18
SE 3rd Trunk Swr Ext-SE Grant to SE Sharon	658	405,125.96	-	-	343,165.15	-	61,960.81
NW Northlawn Area Sanitary Swr Improve	659	37,741.72	-	-	-	-	37,741.72
Four Mile Creek Trunk Sewer	660	2,783,603.66	-	-	1,467,402.36	-	1,316,201.30
Deer Creek Trunk Sewer	661	475,253.92	-	-	-	-	475,253.92
Storm Sewer Replacement	680	750,322.13	-	-	71,597.75	-	678,724.38
SE Creekview Drive Wetland	683	(2,500.00)	-	-	870.00	-	(3,370.00)
Westwinds Storm Sewer Extension	685	218,904.67	-	-	212,479.44	-	6,425.23
High Trestle Trail Channel Stab. - Phase 1	688	109,768.50	-	-	37,839.96	-	71,928.54
Wildflower Detention Basin	691	118,671.15	-	-	-	-	118,671.15
North Creek Channel Flood Repair	692	75,413.42	-	-	-	-	75,413.42
Westwinds Channel Flood Repair	693	145,636.99	-	-	-	-	145,636.99
Four Mile Creek Channel Stabilization	694	42,375.01	-	-	646.76	-	41,728.25
SE 3rd Street Storm Sewer Improvements	695	739,228.14	-	-	374,904.75	-	364,323.39
Tributary to Four Mile Creek Stabilization	696	97,108.60	-	-	3,080.99	-	94,027.61
Total Utility Fund Capital Projects		<u>\$ 13,057,074.43</u>	<u>\$ 4,669,538.90</u>	<u>\$ 374.00</u>	<u>\$ 9,292,450.69</u>	<u>\$ 374.00</u>	<u>\$ 8,434,162.64</u>

City of Ankeny

Capital Projects Cash Balance Summary

November 30, 2023

Fund	Budget Number	Cash Balance July 1, 2023	Revenues	Transfers In	Expenditures	Transfers Out	Cash Balance November 30, 2023
Capital Project Funds:							
PRSC Tennis Courts Overlay	882	\$ 360,000.00	\$ -	\$ -	\$ -	\$ -	\$ 360,000.00
NW State St Extension Preliminary Design	885	402,880.86	-	-	279,304.10	-	123,576.76
S Anky Blvd Imprv-SE Pete to 1st Street	886	175,255.17	-	-	240,366.88	-	(65,111.71)
SW Magazine & SW State Intersection	887	60,000.00	-	-	-	-	60,000.00
Fiber Optic Network Upgrade	888	200,000.00	-	-	115,376.89	-	84,623.11
SE Corp Woods & SE Crosswinds Traffic	889	40,000.00	-	-	15,940.50	-	24,059.50
NE 62nd RBC Culvert for 4 Mile Creek	892	75,000.00	-	-	28,232.50	-	46,767.50
NW 36th & NW Weigel Asphalt Overlays	895	200,746.13	-	-	50,691.25	-	150,054.88
NE 36th Reconstruction-I-35 to Four Mile	896	(463,337.87)	-	-	571,665.07	-	(1,035,002.94)
Des Moines Street Parks Development	897	2,467,163.96	-	-	325,266.32	-	2,141,897.64
HTT Trailhead Restroom & Amenities	898	60,000.00	-	-	135,000.00	-	(75,000.00)
BAN/Bond Activity	900	916,959.10	579,534.12	-	49,207.21	-	1,447,286.01
Fire Station No. 4	901	825,827.79	-	-	159,746.91	-	666,080.88
Lakeside Center Repurposing	903	315,000.00	-	-	-	-	315,000.00
Senior Center	905	422,241.34	-	-	4,731.21	-	417,510.13
Public Works Winter Ops Satellite Facility	907	90,000.00	-	-	-	-	90,000.00
SE Hulsizer Road Realignment	908	19,921.96	-	-	7,000.00	-	12,921.96
NW Irvinedale/NW 18th St Turn Lane	910	51,500.00	-	-	-	-	51,500.00
N Ankeny Blvd & 18th St Int Improvements	913	159,660.70	-	-	416,173.32	-	(256,512.62)
Park Maintenance Facility Renovation	914	9,902.00	-	-	-	-	9,902.00
Pavement Preservation Program	915	(70,937.05)	-	-	-	-	(70,937.05)
Annual Street Replacement Program	916	1,836,677.75	-	-	1,103,344.91	-	733,332.84
Elementary Schools Walkability Imprvmnts	917	(35,502.00)	-	-	145,939.00	-	(181,441.00)
Prairie Ridge Sports Complex	920	68,299.02	-	-	14,427.25	-	53,871.77
NW Irvinedale & NW 18th Inters Imprvmnts	922	93,403.50	-	-	61,678.00	-	31,725.50
NE Frisk Dr Bridge Over Deer Creek	924	90,000.00	-	-	90,000.00	-	-
Miracle Field	925	49,215.10	-	-	-	-	49,215.10
Community Entrance Signage	927	48,554.20	-	-	-	-	48,554.20
Library	928	103,522.58	-	-	-	-	103,522.58
SW Oralabor & SW Edgewood Intersection	929	50,000.00	-	-	-	-	50,000.00
Public Facility Improvements	930	19,156.54	-	-	-	-	19,156.54
PRSC-Softball Bleacher Canopies	931	2,452.18	-	-	-	-	2,452.18
Cherry Glen Ballfield	933	151,084.70	-	-	185,596.69	668.72	(35,180.71)
NW 36th & NW State Interim Improvements	935	(59,743.47)	-	-	-	-	(59,743.47)
Annual Sidewalks/Trails	936	322,670.25	-	-	301,665.99	-	21,004.26
Older Parks Renovation	937	86,980.19	-	-	-	-	86,980.19
High Trestle Trail Extension	938	(1,621,992.61)	59,753.00	-	77,737.36	-	(1,639,976.97)
NE 54 Street Bridge & Trail	945	(228,478.11)	88,852.31	-	-	-	(139,625.80)
I35 & Corp Woods Interchange Report	946	50,000.00	-	-	-	-	50,000.00
N Ankeny Blvd Imprvmnts - 1st St to 11th St	949	250,000.00	-	-	88,527.38	-	161,472.62
Asphalt Street Resurfacing	950	708,754.25	-	-	383,731.72	-	325,022.53
E 1st/I-35 Interchange Improvements	951	1,111,569.00	-	-	666,666.66	-	444,902.34
NW 18th Recon-NW Ash to N Anky Blvd	953	4,270,439.92	-	-	3,694,687.81	-	575,752.11
NE Four Mile Drive RCB Culvert	955	190,327.93	70,792.00	-	-	-	261,119.93
Rock Creek Trail & Native Plantings	957	4,718.85	-	-	51,060.50	-	(46,341.65)
NW 18th St Extension-Weigel to Spruce	959	783,047.90	-	-	196,048.67	-	586,999.23
Street Patching Program	963	1,291,913.53	3,375.60	-	729,361.62	-	565,927.51
Traffic Signalization	965	1,741,077.73	-	-	473,062.49	-	1,268,015.24
NW 26th Street Widening	967	250,000.00	-	-	-	-	250,000.00
SW State St Recon-SW Ordinance to W 1st	968	1,765,148.18	-	-	1,266,859.29	-	498,288.89
E 1st Widening-Frisk to Four Mile	969	26,500.00	-	-	-	-	26,500.00
W 1st Widening & Improvements-Phase 1	970	(449,119.94)	-	-	58,348.53	-	(507,468.47)
Park Development	973	469,143.42	6,500.00	668.72	353,601.34	-	122,710.80
Park Land Acquisition	974	81,688.18	-	-	-	-	81,688.18
Uptown Parking Improvements	975	373,440.00	-	-	201,233.04	-	172,206.96
Prairie Trail Public Improvements	977	4,818,149.83	-	-	-	-	4,818,149.83
NE Delaware Reconstruction 5th-18th	979	2,574,615.20	1,465,591.33	-	3,156,461.37	-	883,745.16
S Ankeny & Magazine Safety	982	(106,009.17)	-	-	897.00	-	(106,906.17)
SE Crosswinds/SE 77th Improvements	983	(2,391,441.09)	2,756,172.49	-	367,370.66	-	(2,639.26)
PRSC Parking Lot Improvements	987	90,667.00	-	-	-	-	90,667.00
Oralabor & State Street Overpass	988	(34,410.76)	-	-	-	-	(34,410.76)
High Trestle Trail Trailhead & Pkg Lot	989	74,205.79	-	-	4,351.49	-	69,854.30
High Trestle Trail Experience Park	990	665,691.25	-	-	950.00	-	664,741.25
NW 36th Widening from Ash to Ankeny Blvd	992	981,790.48	-	-	950,205.40	-	31,585.08
SE Delaware Widening	993	30,981.93	-	-	79,398.02	-	(48,416.09)
Street/Sidewalk Oversizing	995	34,619.72	-	-	32,782.00	-	1,837.72
Capital Projects Reserve	997	6,916,103.39	-	-	-	-	6,916,103.39
SW Oralabor & State Safety Improvements	998	1,762,112.94	-	-	1,544,515.87	-	217,597.07
Total Non Utility Fund Capital Projects		<u>\$ 35,629,809.37</u>	<u>\$ 5,030,570.85</u>	<u>\$ 668.72</u>	<u>\$ 18,679,212.22</u>	<u>\$ 668.72</u>	<u>\$ 21,981,168.00</u>

City of Ankeny
Revenue Summary by Fund
November 30, 2023

Fund	Budget Number	2021-22 Actual	2022-23 Actual	2023-24 Budget	As of November 30, 2023	Variance	Percent ⁽²⁾
General:							
General	100	\$ 40,677,426.76	\$ 44,806,791.52	\$ 45,242,433.00	\$ 23,636,449.28	\$ (21,605,983.72)	52.24%
Hotel/Motel Tax	233	2,664.51	19,235.10	6,000.00	-	(6,000.00)	0.00%
Special Revenue:							
Fire Gift	220	2,439	6,536	5,300.00	765.00	(4,535.00)	14.43%
Hawkeye Park Player Fees	240	9,378.03	7,641.94	10,400.00	2,895.00	(7,505.00)	27.84%
Police Gift	250	4,209.82	4,073.60	4,100.00	14,495.00	10,395.00	353.54%
Road Use Tax	260	9,074,922.97	9,577,651.33	8,935,310.00	4,096,095.54	(4,839,214.46)	45.84%
Police Seizure	270	12,434.91	22,100.89	6,800.00	3,973.08	(2,826.92)	58.43%
Tax Increment Financing	280	9,148,707.02	10,056,491.47	10,399,833.00	5,926,084.84	(4,473,748.16)	56.98%
Police and Fire Retirement	290	2,393,282.25	2,546,782.13	2,662,549.00	1,336,721.58	(1,325,827.42)	50.20%
Landfill Post-Closure	295	124.62	1,896.90	800.00	-	(800.00)	0.00%
Friends of the Ankeny Library	430	47,841.33	44,723.83	46,700.00	9,660.14	(37,039.86)	20.69%
Park Dedication	440	30,723.29	47,100.34	5,000.00	-	(5,000.00)	0.00%
Sports Complex Foundation	445	15,875.92	17,604.74	14,000.00	14,550.00	550.00	103.93%
Ankeny Garden Club	446	1,449.54	1,592.45	1,420.00	-	(1,420.00)	0.00%
Miracle Park Fund	448	10,853.15	8,517.47	5,600.00	3,209.20	(2,390.80)	57.31%
Dog Park Trust Fund	449	333.93	767.55	-	-	-	
P&R Scholarship Fund	450	-	27,173.90	-	-	-	
Civic Trust Fund	484	186,464.14	-	-	17,267.92	17,267.92	
Debt Service	300	29,364,984.36	15,102,496.15	15,497,792.00	7,795,054.94	(7,702,737.06)	50.30%
Enterprise:							
Solid Waste	500	1,183,182.09	1,363,021.03	1,475,000.00	593,860.19	(881,139.81)	40.26%
Utility Deposits	505	201,802.31	190,642.85	217,000.00	103,338.74	(113,661.26)	47.62%
Water Operations	510	18,128,905.67	19,545,481.82	21,619,504.00	11,346,526.90	(10,272,977.10)	52.48%
Water Improvement	520	-	-	-	-	-	
Water Sinking	530	-	-	-	-	-	
Sewer Operations	550	17,758,873.85	17,085,080.35	16,854,119.00	7,563,361.83	(9,290,757.17)	44.88%
Sewer Improvement	560	-	-	-	-	-	
Sewer Sinking	570	-	-	-	-	-	
Storm Water	580	3,413,386.00	3,671,742.25	3,643,814.00	1,507,092.14	(2,136,721.86)	41.36%
Golf Course	590	2,224,378.94	2,573,720.83	1,934,000.00	1,371,895.02	(562,104.98)	70.94%
Capital Project:							
Utility Fund Capital Projects	6**	6,578,382.26	3,393,193.39	7,845,000.00	4,669,538.90	(3,175,461.10)	59.52%
Special Assessments	8**	-	277,157.71	-	479,689.00	479,689.00	
Capital Projects	9**	25,146,661.48	15,806,305.27	22,337,913.00	5,030,570.85	(17,307,342.15)	22.52%
Total Budgeted Revenues		\$ 165,619,688.54	\$ 146,205,522.84	\$ 158,770,387.00	\$ 75,523,095.09	\$ (83,247,291.91)	47.57%
Internal Service:							
Revolving	710	\$ 1,343,470.86	\$ 1,472,271.23	\$ 1,789,570.00	\$ 471,161.00	\$ (1,318,409.00)	26.33%
Risk Management	720	1,280,848.03	2,354,386.64	1,498,000.00	81,411.73	(1,416,588.27)	5.43%
Health Insurance	730	4,805,782.88	5,394,634.32	5,215,000.00	2,336,621.81	(2,878,378.19)	44.81%
Sustainability Revolving Loan	770	1,370.00	1,230.73	200.00	-	(200.00)	0.00%
Economic Development Revolving	780	14,421.21	8,726.69	4,600.00	-	(4,600.00)	0.00%
Equipment Reserve	790	135,059.94	134,122.32	303,385.00	-	(303,385.00)	0.00%
Total Unbudgeted Revenues		\$ 7,580,952.92	\$ 9,365,371.93	\$ 8,810,755.00	\$ 2,889,194.54	\$ (5,921,560.46)	32.79%
Total All Revenues ⁽¹⁾		\$ 173,200,641.46	\$ 155,570,894.77	\$ 167,581,142.00	\$ 78,412,289.63	\$ (89,168,852.37)	46.79%

⁽¹⁾ Includes interfund transactions.

⁽²⁾ November is 41.7% of the fiscal year.

City of Ankeny
Expenditure Summary by Fund
November 30, 2023

Fund	Budget Number	2021-22 Actual	2022-23 Actual	2023-24 Budget	As of November 30, 2023	Variance	Percent ⁽²⁾
General:							
General	100	\$ 35,445,204.86	\$ 39,926,831.86	\$ 45,575,192.00	\$ 18,255,782.10	\$ (27,319,409.90)	40.06%
Hotel/Motel Tax	233	1,092,757.61	1,366,279.13	1,382,289.00	424,592.62	(957,696.38)	30.72%
Special Revenue:							
Fire Gift	220	280	324	5,000.00	-	(5,000.00)	0.00%
Hawkeye Park Player Fees	240	-	17,434.00	22,120.00	3,696.68	(18,423.32)	16.71%
Police Gift	250	-	3,932.94	4,000.00	-	(4,000.00)	0.00%
Road Use Tax	260	6,309,244.00	6,546,030.24	8,345,582.00	2,866,688.89	(5,478,893.11)	34.35%
Police Seizure	270	9,710.60	4,700.15	39,900.00	34,440.14	(5,459.86)	86.32%
Tax Increment Financing	280	1,974,910.00	2,565,008.00	2,804,559.00	(44,649.00)	(2,849,208.00)	-1.59%
Police and Fire Retirement	290	2,580,774.17	2,727,388.46	2,839,551.00	1,081,607.03	(1,757,943.97)	38.09%
Landfill Post-Closure	295	-	-	-	-	-	
Friends of the Ankeny Library	430	41,770.78	46,895.73	46,000.00	34,124.95	(11,875.05)	74.18%
Park Dedication	440	-	-	-	-	-	
Sports Complex Foundation	445	-	-	-	-	-	
Ankeny Garden Club	446	3,640.00	-	1,000.00	-	(1,000.00)	0.00%
Miracle Park Fund	448	-	320.00	10,000.00	630.94	(9,369.06)	6.31%
Dog Park Trust Fund	449	-	-	-	-	-	
P&R Scholarship Fund	450	-	-	5,000.00	291.75	(4,708.25)	5.84%
Civic Trust Fund	484	-	-	-	-	-	
Debt Service	300	38,022,650.42	24,205,486.24	25,028,489.00	2,266,000.72	(22,762,488.28)	9.05%
Enterprise:							
Solid Waste	500	1,310,972.54	1,059,080.77	1,483,821.00	567,971.13	(915,849.87)	38.28%
Utility Deposits	505	155,535.00	168,900.00	183,000.00	87,575.00	(95,425.00)	47.86%
Water Operations	510	13,866,790.86	12,631,530.53	26,151,282.00	5,755,916.29	(20,395,365.71)	22.01%
Water Improvement	520	-	-	-	-	-	
Water Sinking	530	5,273,795.42	1,592,286.76	2,207,538.00	284,269.41	(1,923,268.59)	12.88%
Sewer Operations	550	9,250,821.92	12,735,377.06	9,475,151.00	4,360,799.25	(5,114,351.75)	46.02%
Sewer Improvement	560	-	-	-	-	-	
Sewer Sinking	570	4,076,287.50	-	-	-	-	
Storm Water	580	836,450.19	1,100,902.52	1,194,213.00	461,090.30	(733,122.70)	38.61%
Golf Course	590	1,755,171.77	2,026,266.39	2,340,137.00	1,133,150.92	(1,206,986.08)	48.42%
Capital Project:							
Utility Fund Capital Projects	6**	7,997,584.72	12,985,502.97	21,125,273.00	9,292,450.69	(11,832,822.31)	43.99%
Special Assessments	8**	-	-	-	-	-	
Capital Projects	9**	23,595,037.43	31,599,841.94	30,775,398.00	18,679,212.22	(12,096,185.78)	60.70%
Total Budgeted Expenditures		\$ 153,599,389.99	\$ 153,310,319.69	\$ 181,044,495.00	\$ 65,545,642.03	\$ (115,498,852.97)	36.20%
Internal Service:							
Revolving	710	\$ 1,364,108.72	\$ 1,423,273.57	\$ 1,789,570.00	\$ 639,729.51	\$ (1,149,840.49)	35.75%
Risk Management	720	1,250,301.56	2,582,375.66	1,498,000.00	970,742.04	(527,257.96)	64.80%
Health Insurance	730	4,771,845.17	5,446,642.56	5,583,000.00	2,002,026.47	(3,580,973.53)	35.86%
Sustainability Revolving Loan	770	-	-	-	-	-	
Economic Development Revolving	780	-	-	-	-	-	
Equipment Reserve	790	48,362.00	471,067.10	1,480,880.00	-	(1,480,880.00)	0.00%
Total Unbudgeted Expenditures		\$ 7,434,617.45	\$ 9,923,358.89	\$ 10,351,450.00	\$ 3,612,498.02	\$ (6,738,951.98)	34.90%
Total All Expenditures ⁽¹⁾		\$ 161,034,007.44	\$ 163,233,678.58	\$ 191,395,945.00	\$ 69,158,140.05	\$ (122,237,804.95)	36.13%

⁽¹⁾ Includes interfund transactions.

⁽²⁾ November is 41.7% of the fiscal year.

City of Ankeny
Major Operating Funds
Detailed Revenue Summary
November 30, 2023

	2021-22 Actual	2022-23 Actual	2023-24 Budget	As of November 30, 2023	Over (under) Budget	Percent ⁽¹⁾
General Fund:						
Property Tax:						
General Property Tax	\$ 25,054,492	\$ 27,322,028	\$ 28,854,508	\$ 14,518,900	\$ (14,335,608)	50.32%
Ag Land Tax	12,960	12,794	14,484	9,785	(4,699)	67.56%
Airport Authority Levy	621,186	651,414	683,324	343,838	(339,486)	50.32%
Subtotal	\$ 25,688,638	\$ 27,986,235	\$ 29,552,316	\$ 14,872,523	\$ (14,679,793)	50.33%
Non-Property Taxes:						
Hotel/Motel Tax	\$ 1,527,170	\$ 2,119,476	\$ 1,982,000	\$ 1,316,516	\$ (665,484)	66.42%
Mobile Home Tax	16,026	16,515	15,300	10,659	(4,641)	69.67%
Utility Replacement Tax	188,001	200,301	201,691	99,628	(102,063)	49.40%
Utility Franchise Tax	1,600,494	1,785,485	1,419,000	810,714	(608,286)	57.13%
Cable TV Franchise Tax	250,135	218,635	216,000	95,728	(120,272)	44.32%
Subtotal	\$ 3,581,827	\$ 4,340,413	\$ 3,833,991	\$ 2,333,245	\$ (1,500,746)	60.86%
Licenses and Permits:						
Miscellaneous Licenses:						
Liquor Licenses	\$ 119,059	\$ 67,462	\$ 65,000	\$ 65,161	\$ 161	100.25%
Cigarette Permits	6,050	5,375	5,000	375	(4,625)	7.50%
Solicitor Licenses	8,870	9,015	7,000	2,165	(4,835)	30.93%
Miscellaneous Business Licenses	9,050	17,710	7,000	8,160	1,160	116.57%
Garbage Licenses	1,400	1,400	1,400	-	(1,400)	0.00%
Pet Licenses	41,450	40,931	35,000	5,269	(29,731)	15.05%
Fire Permits	5,113	17,180	3,000	6,900	3,900	230.00%
Code Enforcement Licenses & Permits:						
Alarm Permits	12,410	13,195	14,000	5,305	(8,695)	37.89%
Building Permits	2,069,033	1,820,542	1,262,000	580,173	(681,827)	45.97%
Electrical Permits	173,295	170,372	103,000	54,125	(48,876)	52.55%
Heating Permits	122,470	120,454	67,000	44,085	(22,915)	65.80%
Plumbing Permits	128,084	135,380	92,000	31,659	(60,341)	34.41%
Driveway Permits	16,680	13,615	6,000	4,170	(1,830)	69.50%
Sidewalk Permits	16,005	13,515	6,000	3,900	(2,100)	65.00%
Moving/Demolition Permits	325	225	100	100	-	100.00%
Fence & Oversize Permits	87,087	78,394	65,000	20,370	(44,630)	31.34%
Subtotal	\$ 2,816,381	\$ 2,524,765	\$ 1,738,500	\$ 831,916	\$ (906,584)	47.85%
Use of Money and Property:						
Interest	\$ 214,311	\$ 2,103,263	\$ 2,300,000	\$ 2,066,101	\$ (233,899)	89.83%
Commissions	19,015	7,307	7,600	366	(7,234)	4.82%
Advertising	-	-	-	-	-	-
Leases	43,632	46,078	46,062	6,652	(39,410)	14.44%
Community Centers Rental	81,268	89,871	77,000	47,627	(29,373)	61.85%
Park Shelter Rentals	24,861	25,988	18,000	7,645	(10,356)	42.47%
Sports Complex Rentals	123,567	116,281	88,000	109,619	21,619	124.57%
Aquatic Center Rentals	34,357	39,384	30,000	947	(29,053)	3.16%
Miscellaneous Rentals	27,584	84,782	11,000	33,133	22,133	301.21%
Subtotal	\$ 568,595	\$ 2,512,954	\$ 2,577,662	\$ 2,272,091	\$ (305,571)	88.15%
Intergovernmental Revenue:						
Local:						
Fire Protection	\$ 359,911	\$ 225,340	\$ 443,000	\$ 182,972	\$ (260,028)	41.30%
School/Police Agreements	145,066	156,204	145,487	78,595	(66,892)	54.02%
County Library Contribution	150,776	185,284	185,284	80,516	(104,768)	43.46%
Other Local Contributions	42,900	54,244	68,000	36,263	(31,738)	53.33%
State:						
Commercial & Industrial Replacement	664,092	530,674	401,278	200,675	(200,603)	50.01%
Business Property Tax Credit	-	-	211,779	105,890	(105,889)	50.00%
Library Contribution	31,060	28,987	28,987	26,085	(2,902)	89.99%
Miscellaneous Grants	18,208	-	-	-	-	-
Federal:						
Public Safety Grants	174,663	64,802	45,000	40,805	(4,195)	90.68%
Subtotal	\$ 1,586,676	\$ 1,245,535	\$ 1,528,815	\$ 751,801	\$ (777,014)	49.18%
Service Charges:						
Police and Fire:						
Insurance Reports	\$ 8,643	\$ 8,815	\$ 9,000	\$ 4,990	\$ (4,010)	55.44%
Fire/Ambulance Reports	140	130	200	20	(180)	10.00%
False Alarm Fees	1,975	2,200	4,000	425	(3,575)	10.63%
Ambulance Charges	2,750,308	2,606,610	2,866,760	1,234,615	(1,632,145)	43.07%
Fingerprinting	14,175	12,508	15,000	3,689	(11,311)	24.59%
Towing Surcharge	1,920	2,340	2,000	830	(1,170)	41.50%
Plan Review Fees	40,435	23,300	15,000	4,950	(10,050)	33.00%
Parks and Recreation:						
Admissions	590,141	611,737	496,000	422,708	(73,292)	85.22%
Season Passes	476,049	492,194	463,000	28,693	(434,307)	6.20%
Special Population	1,851	-	-	-	-	-
Special Programs	154,535	154,003	131,000	38,590	(92,410)	29.46%
Rec Programs - Tax Exempt	515,901	576,841	453,000	244,894	(208,106)	54.06%
Swimming Lessons	125,497	131,018	112,000	7,982	(104,018)	7.13%
Dog Park Passes	33,604	27,382	37,000	4,789	(32,211)	12.94%

	2021-22 Actual	2022-23 Actual	2023-24 Budget	As of November 30, 2023	Over (under) Budget	Percent ⁽¹⁾
Housing and Subdivision:						
Housing Code	101,200	93,094	64,000	41,867	(22,133)	65.42%
Plan Review Fees	508,062	339,534	249,000	105,034	(143,966)	42.18%
Site Plan Review	18,300	15,300	8,000	3,760	(4,240)	47.00%
Zoning	6,380	5,645	4,000	9,135	5,135	228.38%
Subdivision Filing Fees	14,640	7,980	4,000	4,900	900	122.50%
Board of Adjustment Fees	3,120	3,720	2,000	1,360	(640)	68.00%
Architect Review Board Fees	6,305	4,005	3,000	815	(2,185)	27.17%
Miscellaneous Service Charges:						
Information Systems - Enterprise Funds	340,235	333,771	410,946	80,793	(330,153)	19.66%
Animal Impound Fees	3,680	3,353	7,000	1,233	(5,767)	17.61%
Copy Charges	8,890	10,315	8,000	5,142	(2,858)	64.28%
Miscellaneous Service Charges	11,700	10,595	9,000	12,285	3,285	136.50%
Subtotal	\$ 5,737,685	\$ 5,476,391	\$ 5,372,906	\$ 2,263,499	\$ (3,109,407)	42.13%
Other Revenues:						
Map Sales	\$ 30	\$ 25	\$ -	\$ 25	\$ 25	
Sales/Salvages	1,897	16,529	400	2,843	2,443	710.84%
Concessions	288,637	282,327	234,000	167,040	(66,960)	71.38%
Contributions-Private Sources	-	6,200	-	22,367	22,367	
Program Sponsorships	25,172	28,034	18,000	9,296	(8,704)	51.64%
Refunds/Rebates	14,592	1,880	-	-	-	
Prairie Ridge Maint Reimb	241,132	206,277	265,843	56,386	(209,458)	21.21%
Roadway Signage Reimb	6,625	16,385	-	-	-	
Police OT Reimb	18,229	11,936	12,000	11,940	(60)	99.50%
Court Fines	49,968	83,247	78,000	12,848	(65,152)	16.47%
Library Fines	20,924	19,374	20,000	6,454	(13,546)	32.27%
Miscellaneous Library Revenues	7,846	7,046	6,000	6,651	651	110.85%
Miscellaneous Revenues	20,529	40,191	4,000	15,121	11,121	378.03%
Overages/Shortages	2,045	1,048	-	404	404	
Subtotal	\$ 697,625	\$ 720,498	\$ 638,243	\$ 311,375	\$ (326,868)	48.79%
Fund Total	\$ 40,677,427	\$ 44,806,792	\$ 45,242,433	\$ 23,636,449	\$ (21,605,984)	52.24%
Hotel/Motel Tax Fund						
Other Revenue:						
Interest	\$ 665	\$ 17,235	\$ 6,000	\$ -	\$ (6,000)	0.00%
Refunds/Reimbursements	2,000	2,000	-	-	-	
Fund Total	\$ 2,665	\$ 19,235	\$ 6,000	\$ -	\$ (6,000)	0.00%
Road Use Tax Fund:						
Intergovernmental Revenue:						
Road Use Taxes	\$ 9,052,931	\$ 9,343,167	\$ 8,825,310	\$ 4,094,218	\$ (4,731,092)	46.39%
Interest	12,651	227,038	105,000	-	(105,000)	0.00%
Grants	4,735	-	-	-	-	
Salvage Sales	4,006	2,263	-	754	754	
Refunds	600	4,204	5,000	143	(4,857)	2.86%
Reimbursements	-	979	-	981	981	
Fund Total	\$ 9,074,923	\$ 9,577,651	\$ 8,935,310	\$ 4,096,096	\$ (4,839,214)	45.84%
Tax Increment Financing Fund:						
Property Tax:						
TIF District Urban Renewal I	\$ 8,365,424	\$ 8,990,643	\$ 9,337,444	\$ 4,619,588	\$ (4,717,856)	49.47%
TIF District Urban Renewal II	364,061	483,107	567,684	295,119	(272,565)	51.99%
TIF District Urban Renewal III	389,846	416,756	433,705	471,526	37,821	108.72%
Use of Money and Property:						
Interest	8,043	165,985	61,000	-	(61,000)	0.00%
Other Reimbursements	21,333	-	-	539,853	539,853	
Fund Total	\$ 9,148,707	\$ 10,056,491	\$ 10,399,833	\$ 5,926,085	\$ (4,473,748)	56.98%
Police and Fire Retirement Fund:						
Property Tax:						
General Property Tax	\$ 2,277,681	\$ 2,442,175	\$ 2,558,395	\$ 1,287,348	\$ (1,271,047)	50.32%
Non-property Taxes:						
Mobile Home Tax	1,422	1,442	1,000	918	(82)	91.80%
Utility Replacement Tax	16,678	17,487	17,469	8,629	(8,840)	49.40%
Intergovernmental Revenue:						
Commercial & Industrial Replacement	58,911	46,307	34,756	17,373	(17,383)	49.99%
Grants	11,605	-	-	-	-	
School Police Agreements	26,036	26,824	26,586	13,282	(13,304)	49.96%
Business Property Tax Credit	-	-	18,343	9,172	(9,171)	50.00%
Use of Money and Property:						
Interest	950	6,250	6,000	-	(6,000)	0.00%
Other Revenue:						
Refunds/Reimbursements/Rebates	-	6,297	-	-	-	
Fund Total	\$ 2,393,282	\$ 2,546,782	\$ 2,662,549	\$ 1,336,722	\$ (1,325,827)	50.20%
Debt Service Fund:						
Property Tax:						
General Property Tax	\$ 14,253,678	\$ 14,611,968	\$ 15,054,041	\$ 7,590,770	\$ (7,463,271)	50.42%
Non-property Taxes:						
Mobile Home Tax	8,275	8,003	8,000	5,015	(2,985)	62.69%

	2021-22 Actual	2022-23 Actual	2023-24 Budget	As of November 30, 2023	Over (under) Budget	Percent ⁽¹⁾
Utility Replacement Tax	97,033	96,971	95,287	47,068	(48,219)	49.40%
Intergovernmental Revenue:						
Commercial & Industrial Replacement	342,757	276,946	204,411	102,174	(102,237)	49.98%
Business Property Tax Credit	-	-	100,053	50,027	(50,026)	50.00%
Use of Money and Property:						
Interest	3,241	108,608	36,000	-	(36,000)	0.00%
Bond Proceeds	14,660,000	-	-	-	-	
Fund Total	\$ 29,364,984	\$ 15,102,496	\$ 15,497,792	\$ 7,795,055	\$ (7,702,737)	50.30%
Solid Waste Fund:						
Recycling Fees	\$ 1,163,983	\$ 1,336,486	1,454,000	585,139	(868,861)	40.24%
Service Charges	19,030	20,455	20,000	8,721	(11,279)	43.61%
Grants	-	-	-	-	-	
Interest	168	6,080	1,000	-	(1,000)	0.00%
Fund Total	\$ 1,183,182	\$ 1,363,021	\$ 1,475,000	\$ 593,860	\$ (881,140)	40.26%
Water Fund:						
Refunds	\$ 11,791	\$ 10,482	11,000	3,087	\$ (7,913)	28.06%
Sales Tax	(151)	63	-	(44)	(44)	
Excise Tax	904,784	982,146	1,166,000	587,448	(578,552)	50.38%
Cell Tower Lease	83,008	82,534	85,197	15,676	(69,521)	18.40%
Outside Billing	20,263	27,692	20,000	5,435	(14,565)	27.18%
Water Sales	12,712,319	13,850,632	15,695,691	8,790,802	(6,904,889)	56.01%
Hook Up Fees	329,793	308,782	200,000	104,105	(95,895)	52.05%
Meter Sales	477,374	434,881	520,000	173,972	(346,028)	33.46%
Temporary Water Sales	85,620	79,960	80,000	19,720	(60,280)	24.65%
Water Availability	3,344,757	3,589,191	3,654,616	1,563,129	(2,091,487)	42.77%
Service Charges	136,937	140,629	127,000	70,343	(56,657)	55.39%
Unapplied Credits	14,782	7,879	-	6,275	6,275	
Deposits	201,802	190,643	217,000	103,339	(113,661)	47.62%
Interest	4,750	24,000	60,000	-	(60,000)	0.00%
Miscellaneous	2,879	6,612	-	6,580	6,580	
Fund Total	\$ 18,330,708	\$ 19,736,125	\$ 21,836,504	\$ 11,449,866	\$ (10,386,638)	52.43%
Sewer Fund:						
Sales Tax	\$ 243,856	\$ 262,457	\$ 279,000	\$ 110,477	\$ (168,523)	39.60%
Refunds	-	53	-	-	-	
Miscellaneous	-	2,780	-	9,649	9,649	
Miscellaneous Service Charge	63,344	60,519	67,000	26,822	(40,178)	40.03%
Sewer Disposal Fee	-	-	-	-	-	
Sewer Usage	9,943,470	10,019,648	9,830,513	4,059,634	(5,770,879)	41.30%
Hook Up Fees	1,110,017	299,199	300,000	621,589	321,589	207.20%
Sewer Availability	6,385,182	6,426,174	6,317,606	2,693,190	(3,624,416)	42.63%
Interest	13,006	14,250	60,000	42,000	(18,000)	70.00%
Fund Total	\$ 17,758,874	\$ 17,085,080	\$ 16,854,119	\$ 7,563,362	\$ (9,290,757)	44.88%
Storm Water Fund						
Permits	\$ 101,620	\$ 97,220	\$ 60,000	\$ 29,120	\$ (30,880)	48.53%
Interest	3,373	70,903	29,000	-	(29,000)	0.00%
Sales Tax	61,672	66,277	75,000	28,787	(46,213)	38.38%
Service Charges	3,245,895	3,423,284	3,479,814	1,449,186	(2,030,628)	41.65%
Miscellaneous	826	14,059	-	-	-	
Fund Total	\$ 3,413,386	\$ 3,671,742	\$ 3,643,814	\$ 1,507,092	\$ (2,136,722)	41.36%
Golf Course Fund:						
Refunds	\$ 1,980	\$ 1,172	\$ 1,000	\$ 46	\$ (954)	4.59%
Rebates	-	-	-	-	-	
Commissions	2,123	1,051	1,000	123	(877)	12.30%
Miscellaneous Service Charges	21,486	26,649	24,000	15,021	(8,979)	62.59%
Gift Certificates	9,425	3,447	-	(2,399)	(2,399)	
Driving Range	183,347	212,937	185,000	108,829	(76,171)	58.83%
Rec Program Fees	25,074	27,770	22,000	(117)	(22,117)	-0.53%
Overages (Shortages)	(37)	(1,145)	-	(1,320)	(1,320)	
Food and Beverage Sales	242,698	292,505	196,000	176,871	(19,129)	90.24%
Clubhouse and Banquet Rental	30,610	28,729	31,000	9,133	(21,867)	29.46%
Alcoholic Beverage Sales	286,436	332,814	206,000	184,615	(21,385)	89.62%
Season Passes	114,336	109,799	98,000	3,176	(94,824)	3.24%
Greens Fees	662,097	757,386	573,000	457,198	(115,802)	79.79%
Merchandise Sales	115,259	150,417	105,000	78,697	(26,303)	74.95%
Cart Rental	398,453	446,538	345,000	261,465	(83,535)	75.79%
Equipment Rental	2,877	3,604	3,000	2,195	(805)	73.17%
Sales Tax	42,081	46,635	34,000	23,618	(10,382)	69.46%
Miscellaneous Revenue	84,767	100,824	95,000	53,693	(41,307)	56.52%
Interest	1,366	32,591	15,000	-	(15,000)	0.00%
Fund Total	\$ 2,224,379	\$ 2,573,721	\$ 1,934,000	\$ 1,371,895	\$ (562,105)	70.94%
Total - Major Operating Funds	\$ 133,572,517	\$ 126,539,137	\$ 128,487,354	\$ 65,276,481	\$ (63,210,873)	50.80%

⁽¹⁾ November is 41.7% of the fiscal year.

City of Ankeny
Major Operating Funds
Budget versus Actual
November 30, 2023

		Revenue				Expenditures			
		Budget	Actual	Variance	%	Budget	Actual	Variance	%
General Fund									
Public Safety:									
Police Administration	1111	\$ 2,000	\$ 10,618	\$ 8,618	531%	\$ 2,002,095	\$ 728,859	\$ (1,273,236)	36%
Police Operations	1112	282,487	178,544	(103,943)	63%	8,221,822	3,223,679	(4,998,143)	39%
Police Support Services	1114	43,000	14,453	(28,547)	34%	2,978,095	1,188,877	(1,789,218)	40%
Crossing Guards	1119	-	-	-	N/A	118,129	31,307	(86,822)	27%
Emergency Preparedness	1140	-	-	-	N/A	99,144	23,012	(76,132)	23%
Fire Support	1141	461,200	194,874	(266,326)	42%	1,346,654	483,970	(862,684)	36%
Fire Suppression	1142	1,000	6,953	5,953	695%	3,713,161	1,400,972	(2,312,189)	38%
Emergency Medical Services	1144	2,867,760	1,234,615	(1,633,145)	43%	6,392,097	2,186,047	(4,206,050)	34%
Code Enforcement	1460	1,857,100	873,825	(983,275)	47%	2,152,474	856,160	(1,296,314)	40%
Animal Control	2224	7,000	1,233	(5,767)	18%	31,000	15,255	(15,745)	49%
Subtotal		\$ 5,521,547	\$ 2,515,114	\$ (3,006,433)	46%	\$ 27,054,671	\$ 10,138,137	\$ (16,916,534)	37%
Culture & Recreation:									
Library	2331	\$ 260,971	\$ 158,376	\$ (102,595)	61%	\$ 2,789,570	\$ 1,167,137	\$ (1,622,433)	42%
Park Administration	2440	60,000	12,546	(47,454)	21%	349,345	142,012	(207,333)	41%
Park Maintenance	2441	-	350	350	N/A	2,084,369	862,116	(1,222,253)	41%
Recreation Programs	2442	526,000	242,933	(283,067)	46%	936,428	415,501	(520,927)	44%
Community Centers	2443	181,000	116,602	(64,398)	64%	585,320	207,920	(377,400)	36%
Aquatic Centers	2444	1,262,000	583,393	(678,607)	46%	1,597,732	977,821	(619,911)	61%
Prairie Ridge Sports Complex	2445	380,600	162,113	(218,487)	43%	1,211,674	543,343	(668,331)	45%
Hawkeye Concessions	2446	58,300	38,466	(19,834)	66%	66,120	26,226	(39,894)	40%
Cemetery	3547	-	-	-	N/A	600	600	-	100%
Subtotal		\$ 2,728,871	\$ 1,314,780	\$ (1,414,091)	48%	\$ 9,621,158	\$ 4,342,677	\$ (5,278,481)	45%
Public Works:									
Airport Authority	3548	\$ 702,472	\$ 353,477	\$ (348,995)	50%	\$ 702,928	\$ 351,464	\$ (351,464)	50%
Subtotal		\$ 702,472	\$ 353,477	\$ (348,995)	50%	\$ 702,928	\$ 351,464	\$ (351,464)	50%
Community & Economic Development:									
Development Engineering	3545	\$ 58,000	\$ 14,470	\$ (43,530)	25%	\$ 1,032,176	\$ 517,438	\$ (514,738)	50%
Housing Authority	3648	-	-	-	N/A	23,707	18,707	(5,000)	79%
Economic Development	4886	-	-	-	N/A	392,551	158,732	(233,819)	40%
Community Development	4887	22,000	20,395	(1,605)	93%	1,219,152	505,019	(714,133)	41%
Subtotal		\$ 80,000	\$ 34,865	\$ (45,135)	44%	\$ 2,667,586	\$ 1,199,896	\$ (1,467,690)	45%
General Government:									
Communications	2335	\$ -	\$ -	\$ -	N/A	\$ 465,913	\$ 194,816	\$ (271,097)	42%
Mayor and City Council	4881	-	-	-	N/A	524,927	114,888	(410,039)	22%
Human Resources	4882	-	-	-	N/A	517,045	204,223	(312,822)	39%
City Manager	4883	-	-	-	N/A	1,142,447	491,132	(651,315)	43%
City Clerk	4884	120,400	81,130	(39,270)	67%	531,410	212,268	(319,142)	40%
Finance	4885	35,678,197	19,254,011	(16,424,186)	54%	611,177	269,696	(341,481)	44%
Information Technology	4889	410,946	83,072	(327,874)	20%	1,643,782	709,761	(934,021)	43%
City Hall Building	4891	-	-	-	N/A	92,148	26,825	(65,323)	29%
Subtotal		\$ 36,209,543	\$ 19,418,213	\$ (16,791,330)	54%	\$ 5,528,849	\$ 2,223,609	\$ (3,305,240)	40%
Total General Fund		\$ 45,242,433	\$ 23,636,449	\$ (21,605,984)	52%	\$ 45,575,192	\$ 18,255,782	\$ (27,319,410)	40%
Hotel/Motel Tax Fund									
Community and Economic Development	2233	\$ 6,000	\$ -	\$ (6,000)	0%	\$ 1,382,289	\$ 424,593	\$ (957,696)	31%
Road Use Tax Fund									
Public Works:									
Street Lighting	1260	\$ -	\$ -	\$ -	N/A	\$ 726,000	\$ 267,972	\$ (458,028)	37%
Roadway Administration	3261	8,935,310	4,094,972	(4,840,338)	46%	2,041,267	786,676	(1,254,591)	39%
Roadway Maintenance	3262	-	1,124	1,124	N/A	2,737,874	990,452	(1,747,422)	36%
Snow and Ice Control	3263	-	-	-	N/A	1,383,193	236,001	(1,147,192)	17%
Traffic Safety	3265	-	-	-	N/A	1,457,248	585,587	(871,661)	40%
Total Road Use Tax Fund		\$ 8,935,310	\$ 4,096,096	\$ (4,839,214)	46%	\$ 8,345,582	\$ 2,866,689	\$ (5,478,893)	34%

Revenue						Expenditures					
		Budget	Actual	Variance	%		Budget	Actual	Variance	%	
Tax Increment Financing											
Community and Economic Development	4280	\$ 10,399,833	\$ 5,926,085	\$ (4,473,748)	57%	\$ 2,804,559	\$ (44,649)	\$ (2,849,208)	-2%		
Police and Fire Retirement											
Public Safety:	4290	\$ 2,662,549	\$ 1,336,722	\$ (1,325,827)	50%	\$ 2,839,551	\$ 1,081,607	\$ (1,757,944)	38%		
Debt Service											
Debt Service:	4300	\$ 15,497,792	\$ 7,795,055	\$ (7,702,737)	50%	\$ 25,028,489	\$ 2,266,001	\$ -	9%		
Solid Waste											
Enterprise:	3500	\$ 1,475,000	\$ 593,860	\$ (881,140)	40%	\$ 1,483,821	\$ 567,971	\$ (915,850)	38%		
Water											
Enterprise:											
Utility Deposits	3505	\$ 217,000	\$ 103,339	\$ (113,661)	48%	\$ 183,000	\$ 87,575	\$ (95,425)	48%		
Water Administration	3510	21,619,504	11,346,527	(10,272,977)	52%	23,387,144	4,649,321	(18,737,823)	20%		
Water Maintenance	3512	-	-	-	N/A	2,764,138	1,106,595	(1,657,543)	40%		
Water Improvement	3520	-	-	-	N/A	-	-	-	N/A		
Water Sinking	3530	-	-	-	N/A	2,207,538	284,269	(1,923,269)	13%		
Total Water Fund		\$ 21,836,504	\$ 11,449,866	\$ (10,386,638)	52%	\$ 28,541,820	\$ 6,127,761	\$ (22,414,059)	21%		
Sewer											
Enterprise:											
Wastewater Administration	3550	\$ 16,854,119	\$ 7,563,362	\$ (9,290,757)	45%	\$ 8,047,467	\$ 3,791,603	\$ (4,255,864)	47%		
Wastewater Operations	3552	-	-	-	N/A	1,427,684	569,196	(858,488)	40%		
Sewer Improvement	3560	-	-	-	N/A	-	-	-	N/A		
Sewer Sinking	3570	-	-	-	N/A	-	-	-	N/A		
Total Sewer Fund		\$ 16,854,119	\$ 7,563,362	\$ (9,290,757)	45%	\$ 9,475,151	\$ 4,360,799	\$ (5,114,352)	46%		
Storm Water											
Enterprise:											
Storm Water Administration	3580	\$ 3,643,814	\$ 1,507,092	\$ (2,136,722)	41%	\$ 929,844	\$ 387,394	\$ (542,450)	42%		
Street Cleaning	3584	-	-	-	N/A	264,369	73,697	(190,672)	28%		
Total Storm Water Fund		\$ 3,643,814	\$ 1,507,092	\$ (2,136,722)	41%	\$ 1,194,213	\$ 461,090	\$ (733,123)	39%		
Golf Course											
Enterprise:											
Golf Course Maintenance	2591	\$ 1,000	\$ 1,238	\$ 238	124%	\$ 805,163	\$ 355,167	\$ (449,996)	44%		
Golf Course Pro Shop	2592	1,384,000	931,335	(452,665)	67%	691,398	373,171	(318,227)	54%		
Golf Course Banquet Services	2595	549,000	439,323	(109,677)	80%	843,576	404,813	(438,763)	48%		
Total Golf Course Fund		\$ 1,934,000	\$ 1,371,895	\$ (562,105)	71%	\$ 2,340,137	\$ 1,133,151	\$ (1,206,986)	48%		
Total		\$ 128,487,354	\$ 65,276,481	\$ (63,210,873)	51%	\$ 129,010,804	\$ 37,500,795	\$ (68,747,521)	29%		

**City of Ankeny
Investment Schedule
November 2023**

Account Number	Institution	Description	Type	Interest Rate	Purchase Date	Maturity Date	Days	Principal	Accrued Interest	Premium/ (Discount)	Interest/ Dividends Received	Principal Redeemed	Balance November 30, 2023
Capital Projects													
433087201	US Bank	CD	CD	3.050%	8/22/2022	8/17/2023	360	\$ 5,000,000.00	\$ -	\$ -	\$ 152,500.00	\$ 5,000,000.00	\$ -
	Robert W. Baird & Co.	T-Note	T-Note	4.683%	1/4/2023	8/31/2023	239	5,000,000.00	-	(105,079.71)	142,707.72	4,894,920.29	-
13571051	Bankers Trust	CD	CD	4.200%	9/27/2022	9/27/2023	365	4,000,000.00	-	-	168,000.01	4,000,000.00	-
313-91634	RBC Wealth Managem	T-Note	T-Note	4.464%	4/10/2023	2/29/2024	325	2,000,000.00	5,292.12	(35,787.50)	18,457.88	-	1,964,212.50
313-91634	RBC Wealth Managem	T-Note	T-Note	4.855%	2/8/2023	2/29/2024	386	3,000,000.00	-	(101,231.25)	22,500.00	-	2,898,768.75
313-91634	RBC Wealth Managem	T-Note	T-Note	5.060%	3/1/2023	5/31/2024	457	5,000,000.00	-	(150,726.56)	-	-	4,849,273.44
	Robert W. Baird & Co.	T-Note	T-Note	5.462%	6/30/2023	6/30/2024	366	5,000,000.00	-	(176,459.40)	-	-	4,823,540.60
1346315-1	IPAIT	CD	CD	4.550%	2/1/2023	8/5/2024	551	3,000,000.00	-	-	-	-	3,000,000.00
	Robert W. Baird & Co.	T-Note	T-Note	5.407%	9/5/2023	8/15/2024	345	5,000,000.00	1,069.97	(226,243.75)	-	-	4,774,826.22
48511043811	Veridian Credit Union	CD	CD	5.500%	9/27/2023	9/27/2024	366	4,000,000.00	-	-	-	-	4,000,000.00
Subtotal								\$ 41,000,000.00	\$ 6,362.09	\$ (795,528.17)	\$ 504,165.61	\$ 13,894,920.29	\$ 26,310,621.51
Equipment Reserve													
260001208	Community State	CD	CD	5.250%	6/24/2023	6/24/2024	366	\$ 1,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000.00
Subtotal								\$ 1,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000.00
General Funds													
313-91634	RBC Wealth Managem	T-Note	T-Note	4.546%	12/1/2022	6/30/2023	211	\$ 5,000,000.00	\$ -	\$ (124,513.59)	\$ 127,638.59	\$ 4,875,486.41	\$ -
3001008015	Lincoln Savings Bank	CD	CD	2.950%	8/17/2022	8/17/2023	365	5,000,000.00	-	-	149,678.65	5,000,000.00	-
1302693-1	IPAIT	CD	CD	4.200%	9/29/2022	9/29/2023	365	5,000,000.00	-	-	210,000.00	5,000,000.00	-
313-91634	RBC Wealth Managem	T-Note	T-Note	4.890%	2/10/2023	11/30/2023	293	3,000,000.00	-	(101,721.57)	-	-	2,898,278.43
313-91634	RBC Wealth Managem	Natixis	Commercial Paper	5.181%	3/28/2023	12/4/2023	251	4,825,694.45	-	-	-	-	4,825,694.45
3001042013	Lincoln Savings Bank	CD	CD	4.800%	1/31/2023	1/31/2024	365	2,000,000.00	-	-	-	-	2,000,000.00
260002163	Community State	CD	CD	4.910%	1/31/2023	1/31/2024	365	2,000,000.00	-	-	-	-	2,000,000.00
1346728-1	IPAIT	CD	CD	5.060%	2/28/2023	2/28/2024	365	10,000,000.00	-	-	-	-	10,000,000.00
313-91634	RBC Wealth Managem	T-Note	T-Note	4.597%	4/3/2023	3/31/2024	363	5,000,000.00	922.13	(111,621.90)	55,327.87	-	4,888,378.10
313-91634	RBC Wealth Managem	T-Note	T-Note	4.596%	4/17/2023	4/30/2024	379	5,000,000.00	-	(116,242.20)	56,250.07	-	4,883,757.80
6900908840	BMO	CD	CD	5.830%	11/16/2023	5/16/2024	182	3,000,000.00	-	-	-	-	3,000,000.00
3001078547	Lincoln Savings Bank	CD	CD	5.350%	6/27/2023	6/26/2024	365	2,000,000.00	-	-	-	-	2,000,000.00
	RBC Wealth Managem	T-Note	T-Note	5.440%	6/30/2023	6/30/2024	366	5,000,000.00	-	(175,429.70)	-	-	4,824,570.30
260003236	Community State	CD	CD	5.740%	9/27/2023	9/26/2024	365	5,000,000.00	-	-	-	-	5,000,000.00
6900908841	BMO	CD	CD	5.880%	11/16/2023	11/16/2024	366	2,000,000.00	-	-	-	-	2,000,000.00
3000907325	Lincoln Savings Bank	MM	Money market	4.250%	N/A	N/A	MM	10,240,396.19	-	-	133,388.18	3,000,000.00	7,240,396.19
39246-101	IPAIT	MM	Money market	5.122%	N/A	N/A	MM	34,649,215.83	-	-	561,555.38	-	34,649,215.83
	Farmers State Bank	MM	Money market	5.080%	N/A	N/A	MM	25,494,770.26	-	-	532,265.91	-	25,494,770.26
Subtotal								\$ 134,210,076.73	\$ 922.13	\$ (629,528.96)	\$ 1,826,104.65	\$ 17,875,486.41	\$ 115,705,061.36
Police/Fire Pension													
260001208	Community State	CD	CD	5.250%	6/24/2023	6/24/2024	366	\$ 500,000.00	\$ -	\$ -	\$ -	\$ -	\$ 500,000.00
Subtotal								\$ 500,000.00	\$ -	\$ -	\$ -	\$ -	\$ 500,000.00
Sewer Improvement Fund													
13571051	Bankers Trust	CD	CD	4.200%	9/27/2022	9/27/2023	365	\$ 1,000,000.00	\$ -	\$ -	\$ 42,000.00	\$ 1,000,000.00	\$ -
260001432	Community State	CD	CD	5.250%	6/7/2023	6/7/2024	366	500,000.00	-	-	-	-	500,000.00
260001208	Community State	CD	CD	5.250%	6/24/2023	6/24/2024	366	500,000.00	-	-	-	-	500,000.00
48511043811	Veridian Credit Union	CD	CD	5.500%	9/27/2023	9/27/2024	366	1,000,000.00	-	-	-	-	1,000,000.00
Subtotal								\$ 3,000,000.00	\$ -	\$ -	\$ 42,000.00	\$ 1,000,000.00	\$ 2,000,000.00

**City of Ankeny
Investment Schedule
November 2023**

Account Number	Institution	Description	Type	Interest Rate	Purchase Date	Maturity Date	Days	Principal	Accrued Interest	Premium/ (Discount)	Interest/ Dividends Received	Principal Redeemed	Balance November 30, 2023
Water Fund													
260001432	Community State	CD	CD	5.250%	6/7/2023	6/7/2024	366	\$ 2,000,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000.00
Subtotal								<u>\$ 2,000,000.00</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 2,000,000.00</u>
Total Investments								<u>\$ 181,710,076.73</u>	<u>\$ 7,284.22</u>	<u>\$ (1,425,057.13)</u>	<u>\$ 2,372,270.26</u>	<u>\$ 32,770,406.70</u>	<u>\$ 147,515,682.87</u>
<u>Totals by Institution</u>													
Bankers Trust								\$ 5,000,000.00	\$ -	\$ -	\$ 210,000.01	\$ 5,000,000.00	\$ -
BMO								5,000,000.00	-	-	-	-	5,000,000.00
BNP Paribas								-	-	-	-	-	-
Community State								11,500,000.00	-	-	-	-	11,500,000.00
Farmers State Bank								25,494,770.26	-	-	532,265.91	-	25,494,770.26
First Interstate Bank								-	-	-	-	-	-
First National Bank								-	-	-	-	-	-
Great Southern Bank								-	-	-	-	-	-
IPAIT								52,649,215.83	-	-	771,555.38	5,000,000.00	47,649,215.83
Lincoln Savings Bank								19,240,396.19	-	-	283,066.83	8,000,000.00	11,240,396.19
Northwest Bank								-	-	-	-	-	-
RBC Wealth Management								37,825,694.45	6,214.25	(917,274.27)	280,174.41	4,875,486.41	32,032,933.77
Robert W. Baird & Co.								15,000,000.00	1,069.97	(507,782.86)	142,707.72	4,894,920.29	9,598,366.82
Two Rivers Bank								-	-	-	-	-	-
South Story Bank & Trust								-	-	-	-	-	-
US Bank								5,000,000.00	-	-	152,500.00	5,000,000.00	-
Veridian Credit Union								5,000,000.00	-	-	-	-	5,000,000.00
Wells Fargo Bank								-	-	-	-	-	-
Total								<u>\$ 181,710,076.73</u>	<u>\$ 7,284.22</u>	<u>\$ (1,425,057.13)</u>	<u>\$ 2,372,270.26</u>	<u>\$ 32,770,406.70</u>	<u>\$ 147,515,682.87</u>
<u>Totals by Type</u>													
CD								\$ 58,500,000.00	\$ -	\$ -	\$ 722,178.66	\$ 20,000,000.00	\$ 38,500,000.00
Commercial paper								4,825,694.45	-	-	-	-	4,825,694.45
Money market								70,384,382.28	-	-	1,227,209.47	3,000,000.00	67,384,382.28
T-Bill								-	-	-	-	-	-
T-Note								48,000,000.00	7,284.22	(1,425,057.13)	422,882.13	9,770,406.70	36,805,606.14
								<u>\$ 181,710,076.73</u>	<u>\$ 7,284.22</u>	<u>\$ (1,425,057.13)</u>	<u>\$ 2,372,270.26</u>	<u>\$ 32,770,406.70</u>	<u>\$ 147,515,682.87</u>



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Planning and Building

COUNCIL GOAL:

Ensure Economic Vitality

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to receive and file Building Permit Report for November 2023.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 November 2023 Building Permit Report

City of Ankeny
Building Permit Report
Month of November 2023

	Issued		Issued		Issued Calendar Year				Issued Fiscal Year	
	November-23		November-22		1/1/2023-11/30/2023		1/1/2022-11/30/2022		7/1/2023-11/30/2023	
	Num	Valuation	Num	Valuation	Num	Valuation	Num	Valuation	Num	Valuation
RESIDENTIAL										
New Dwellings										
New Single Family Detached	16	\$6,335,867	17	\$6,249,168	376	\$128,035,386	444	\$140,680,049	134	\$50,391,018
New Single Family Attached/Duplex	24	\$7,742,367	4	\$1,169,876	208	\$55,017,090	243	\$56,067,881	60	\$17,728,912
New Multi - Family	1	\$4,534,864	0	\$0	2	\$11,805,685	53	\$67,047,325	1	\$4,534,864
Total New Residential Permits	41	\$18,613,098	21	\$7,419,044	586	\$194,858,161	740	\$263,795,255	195	\$72,654,794
Additions/Alterations/Other (1)	48	\$518,445	36	\$774,017	743	\$9,554,349	835	\$10,886,822	329	\$4,917,721
Total New Dwelling Units	40		21		635		1055		194	
NON-RESIDENTIAL										
New Commercial	3	\$1,870,868	1	\$103,206	26	\$54,679,860	32	\$169,919,045	13	\$18,220,152
COM Additions/Alterations/Other	9	\$950,113	7	\$600,706	83	\$43,711,858	93	\$17,703,072	33	\$27,146,254
New Church	0	\$0	0	\$0	0	\$0	1	\$13,679,075	0	\$0
CHR Additions/Alterations/Other	0	\$0	0	\$0	1	\$17,000	3	\$359,880	0	\$0
New School	0	\$0	0	\$0	3	\$7,000,500	1	\$27,196,293	2	\$6,930,500
SCH Additions/Alterations/Other	0	\$0	0	\$0	5	\$325,913	3	\$40,550	3	\$165,000
Total Non Residential Permits	12	\$2,820,981	8	\$703,912	118	\$105,735,131	133	\$228,897,915	51	\$52,461,906
MISC PERMITS (2)	60	\$90,855	58	\$64,273	869	\$1,063,131	944	\$1,231,501	426	\$593,297
TOTALS	161	\$22,043,379	123	\$8,961,246	2316	\$311,210,772	2652	\$504,811,493	1001	\$130,627,718

(1) includes permits issued for sheds, pools, garages, decks, porches, auxiliary structures

(2) includes permits issued for: driveway approach, signs, fences, other misc. non-residential

RSF includes attached & detached dwelling units; RDF includes duplexes; RMF includes apartments & stacked condo units

* includes footing & foundation permits

The City Of Ankeny
Building Permit Report (Monthly)
Issued from November 2023

Type of Use	Type of Work	Issue Date	Valuation	Permit Number	Street Address	Applicant Name	Contractor Name
Single Family Detached	New Building	11/3/2023	\$554,892	23-6215-NEW	1119 NE Hillside Dr	Redwood Builders LLC	Redwood Builders LLC
Single Family Detached	New Building	11/6/2023	\$348,499	23-6425-NEW	1608 NE Deerfield Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/9/2023	\$324,508	23-6460-NEW	414 NE Country Meadow Dr	Jerry's Homes Inc	Jerry's Homes Inc
Single Family Detached	New Building	11/9/2023	\$386,078	23-6504-NEW	1113 NW Jackson Dr	Genesis Homes Inc	Genesis Homes Of Iowa LLC
Single Family Detached	New Building	11/10/2023	\$442,392	23-6351-NEW	505 SW 18th St	Apex Homes, LLC	Apex Homes, LLC
Single Family Detached	New Building	11/13/2023	\$398,625	23-6426-NEW	1604 NE Deerfield Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/13/2023	\$371,635	23-6625-NEW	5514 NE Seneca Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/15/2023	\$295,014	23-6637-NEW	708 NE Meadow Landing Dr	Greenland Homes Inc	Greenland Homes Inc
Single Family Detached	New Building	11/27/2023	\$325,469	23-6579-NEW	5602 NE Verona Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/27/2023	\$398,165	23-6580-NEW	5606 NE Verona Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/27/2023	\$532,659	23-6599-NEW	123 NE 64th Ln	Harvest Ridge Builders	Harvester Ridge Builders LLC
Single Family Detached	New Building	11/27/2023	\$545,890	23-6612-NEW	5027 NE Seneca Dr	Vittoria Homes, LLC	Vittoria Homes, LLC
Single Family Detached	New Building	11/27/2023	\$422,203	23-6719-NEW	6313 NE Grant Ln	Harvest Ridge Builders	Harvester Ridge Builders LLC
Single Family Detached	New Building	11/27/2023	\$325,469	23-6776-NEW	4204 NE 16th St	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/28/2023	\$292,734	23-6799-NEW	2813 NW 30th Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	New Building	11/29/2023	\$371,635	23-6809-NEW	5510 NE Seneca Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6223-NEW	4402 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6354-NEW	4406 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6355-NEW	4410 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6356-NEW	4414 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6357-NEW	4418 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/2/2023	\$281,418	23-6358-NEW	4422 NE Mongoose Ln	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Attached	New Building	11/7/2023	\$377,293	23-6376-NEW	4619 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$377,293	23-6377-NEW	4623 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$338,171	23-6383-NEW	4612 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$340,963	23-6386-NEW	4616 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$377,293	23-6387-NEW	4611 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$377,293	23-6388-NEW	4615 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$316,834	23-6451-NEW	4620 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/7/2023	\$340,983	23-6452-NEW	4624 NW 17th St	Sage Homes Inc.	Sage Homes Inc
Single Family Attached	New Building	11/8/2023	\$311,512	23-6448-NEW	1516 NW Driftwood Dr	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/8/2023	\$303,076	23-6449-NEW	1602 NW Driftwood Dr	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/8/2023	\$304,472	23-6455-NEW	1606 NW Driftwood Dr	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/8/2023	\$303,076	23-6456-NEW	1610 NW Driftwood Dr	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/9/2023	\$304,472	23-6490-NEW	4505 NW 17th St	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/9/2023	\$303,076	23-6491-NEW	4501 NW 17th St	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/13/2023	\$386,540	23-6487-NEW	1102 NE 17th Ln	MJ Properties	MJ Properties
Single Family Attached	New Building	11/13/2023	\$383,964	23-6488-NEW	1106 NE 17th Ln	MJ Properties	MJ Properties
Single Family Attached	New Building	11/13/2023	\$303,076	23-6492-NEW	4502 NW 17th St	Happe Homes, LLP	Happe Homes, LLP
Single Family Attached	New Building	11/13/2023	\$304,472	23-6493-NEW	4506 NW 17th St	Happe Homes, LLP	Happe Homes, LLP
Multi-Family	Footing/Found	11/30/2023	\$4,534,864	23-5821-FND	1010 SW Magazine Rd	Haverkamp Construction	Haverkamp Construction

Single Family Detached	Building Addition	11/1/2023	\$43,049	23-5890-ADD	3407 NW 14th St	Matthew	Matthew
Single Family Detached	Building Alteration	11/3/2023	\$35,000	23-6476-ALT	1504 NW Rockcrest Rd	Steven Dean Williams	Steven Dean Williams
Single Family Detached	Fire Repair	11/6/2023	\$1,500	23-6541-FREP	1413 NW 2nd St	Joshua K Moon	Joshua K Moon
Single Family Detached	Porch	11/7/2023	\$2,880	23-6535-PRCH	2712 NW Beechwood St	MJ Properties	MJ Properties
Single Family Detached	Pergola	11/9/2023	\$33,255	23-6013-PERG	2202 NE Trilein Dr	Paramount Pergolas	Paramount Pergolas
Single Family Detached	Porch	11/9/2023	\$4,060	23-6280-PRCH	1811 SW 19th St	Mapes Construction Company, Inc.	Mapes Construction Company, Inc.
Single Family Detached	Porch	11/9/2023	\$6,160	23-6568-PRCH	1109 SE Hayes Dr	Helland Construction Inc	Helland Construction Inc
Single Family Detached	Building Alteration	11/9/2023	\$31,594	23-6616-ALT	5522 NE Seneca Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	Porch	11/10/2023	\$3,840	23-5466-PRCH	3422 NE Briar Creek Pl	Ben Piepho	Ben Piepho
Single Family Detached	Porch	11/10/2023	\$5,040	23-5653-PRCH	4402 SW Sawgrass Pkwy	Amazed Construction Service INC	Amazed Construction Services Inc
Single Family Detached	Building Addition	11/10/2023	\$15,955	23-6390-ADD	2938 SW Glenbrooke Blvd	Amazed Construction Service INC	Amazed Construction Services Inc
Single Family Detached	Solar	11/10/2023	\$25,199	23-6633-SOL	825 SE 3rd St	Purelight Power	Purelight Power
Single Family Detached	Building Alteration	11/13/2023	\$2,500	23-6024-ALT	606 NW Boulder Brook Dr	Richard G Jespersen	Richard G Jespersen
Single Family Detached	Building Alteration	11/13/2023	\$300	23-6631-ALT	1018 NE Fountain View Dr	Lorey Construction	Lorey Construction
Single Family Detached	Building Alteration	11/14/2023	\$26,838	23-6567-ALT	1642 SW Arlan Dr	Schaffer & Sons	Schaffer & Sons
Single Family Detached	Building Alteration	11/14/2023	\$27,626	23-6671-ALT	1612 NE Deerfield Dr	DR Horton - Iowa LLC	DR Horton - Iowa LLC
Single Family Detached	Building Alteration	11/15/2023	\$1,575	23-6663-ALT	3517 SW 29th St	John E Cabeen	John E Cabeen
Single Family Detached	Solar	11/15/2023	\$14,715	23-6684-SOL	5111 NW 8th St	One Source Solar	One Source Solar
Single Family Detached	Building Alteration	11/16/2023	\$15,782	23-6697-ALT	2119 SE Clover Ridge Dr	Dane Nolte	KBS
Single Family Detached	Building Addition	11/17/2023	\$14,059	23-6375-ADD	1701 NE Innsbruck Ct	Home State Builders	Home State Builders
Single Family Detached	Porch	11/21/2023	\$1,160	23-6208-PRCH	219 NE Pinehurst Cir	Amazed Construction Service INC	Amazed Construction Services Inc
Single Family Detached	Building Addition	11/22/2023	\$50,681	23-6420-ADD	3710 SW Court Ave	Moffitt Jenica	Owensby Brothers Construction
Single Family Detached	Building Alteration	11/22/2023	\$17,136	23-6643-ALT	1302 SW Ordnance Rd	Ethan Ball	Ethan Ball
Single Family Detached	Building Alteration	11/22/2023	\$9,500	23-6662-ALT	1006 SE Allyn St	Nicholas Livingston	Nicholas Livingston
Single Family Detached	Porch	11/22/2023	\$5,760	23-6748-PRCH	313 NW Driftwood Dr	Richard Shepherd	Richard Shepherd
Single Family Detached	Building Alteration	11/28/2023	\$34,650	23-6689-ALT	3112 NW 25th St	3 Sons Construction	Tesir Alhussaini
Single Family Detached	Building Alteration	11/28/2023	\$12,600	23-6786-ALT	848 NE 51st St	Brian G Kooker	Brian G Kooker
Single Family Attached	Building Alteration	11/28/2023	\$7,844	23-6820-ALT	1106 NW 4th St	Donnie Bensley	Donnie Bensley
Single Family Detached	Building Alteration	11/29/2023	\$33,862	23-6835-ALT	3407 NW Reinhart Dr	Happe Homes, LLP	Happe Homes, LLP
Single Family Detached	Shed	11/2/2023	\$3,200	23-6379-SHD	3010 SW Meadow Ridge Dr	Joel Holst	Tuff Shed
Single Family Detached	Shed	11/8/2023	\$1,600	23-5373-SHD	821 SE Michael Dr	Bentz Bobbi	Bentz Bobbi
Single Family Detached	Shed	11/15/2023	\$3,360	23-6710-SHD	710 NE Liberty Ct	Jon Anonson	Jon Anonson
Single Family Detached	Shed	11/16/2023	\$2,800	23-6688-SHD	2110 NW Linwood Ct	Nathan Thompson	Thompson Industries LLC
Multi-Family	Shed	11/21/2023	\$2,880	23-6717-SHD	112 SE 30th St	CMC Solutions LLC	CMC Solutions LLC
Single Family Detached	Shed	11/21/2023	\$5,760	23-6777-SHD	1205 SW Kenworthy Dr	Bob Harding	Bob Harding
Single Family Detached	Shed	11/22/2023	\$2,400	23-6796-SHD	5004 NE Trilein Dr	Tuff Shed	Tuff Shed
Single Family Detached	Shed	11/27/2023	\$2,160	23-6808-SHD	4311 SW Walnut St	Jeff Robinson	Jeff Robinson
Single Family Detached	Swimming Pool	11/20/2023	\$0	23-6301-POOL	3107 SE 17th St	Chad Klonglan	Central Iowa Pool & Spa
Single Family Detached	Swimming Pool	11/28/2023	\$0	23-6698-POOL	1008 NW Mills Ct	Premier Pools & Spas	Premier Pools & Spas
Single Family Detached	Spa/Hot Tub	11/6/2023	\$0	23-6467-SPA	526 NE 4th St	Melissa A Shinn	Wallace Electrical Services LLC
Single Family Detached	Spa/Hot Tub	11/20/2023	\$0	23-6302-SPA	3107 SE 17th St	Chad Klonglan	Central Iowa Pool & Spa
Single Family Detached	Deck	11/7/2023	\$1,920	23-6573-DECK	3707 NE Raintree Dr	Waugh Builders LLC	Waugh Builders LLC
Single Family Attached	Deck	11/16/2023	\$1,440	23-6700-DECK	635 SW 46th St	Custom Decks LLC	Custom Decks LLC

Single Family Detached	Deck	11/17/2023	\$1,200	23-6714-DECK	1113 NW Jackson Dr	Genesis Homes Inc	Genesis Homes Of Iowa LLC
Single Family Attached	Deck	11/20/2023	\$1,728	23-5984-DECK	3914 NE Tulip Ln	Ankeny Deck Specialist	Ankeny Deck Specialist
Single Family Detached	Deck	11/20/2023	\$500	23-6730-DECK	7368 NE Berwick Dr TRLR 67	Emily Head	Jaime Cortez
Single Family Detached	Deck	11/20/2023	\$500	23-6731-DECK	7368 NE Berwick Dr TRLR 90	Emily Head	Jaime Cortez
Single Family Detached	Deck	11/27/2023	\$2,880	23-6713-DECK	109 SW Walnut St	Empire Homes LLC	Empire Homes LLC
Other(Stage w/Canopy)	Footing/Found	11/13/2023	\$125,000	23-6099-FND	1535 SW Market St	DRA Properties	DRA Properties LLC
Storage	New Building	11/17/2023	\$515,944	23-6703-NEW	205 SE Delaware Ave	GW Clayton Sales	Storage Mart
Storage	New Building	11/20/2023	\$1,229,924	23-5731-NEW	3713 SE Convenience Blvd	Jensen Builders Ltd	Jensen Builders LTD
Office	Building Alteration	11/2/2023	\$150,000	23-6321-ALT	2301 W 1st St	Tiernan Properties, LLC	Nick Tiernan
Mixed Use	Building Alteration	11/3/2023	\$102,000	23-5939-ALT	206 SW Maple St	Rock Valley Construction	Rock Valley Construction
Office	Building Alteration	11/13/2023	\$69,720	23-6554-ALT	2825 S Ankeny Blvd STE 106	DRA Properties	DRA Properties
Other (Car Wash)	Building Addition	11/14/2023	\$590,000	23-5340-ADD	2806 SE Peachtree Dr	Vaughan Homes LLC	Vaughan Homes LLC
Restaurant	Building Alteration	11/16/2023	\$4,000	23-6711-ALT	1300 NW 36th St STE 101	Top-Tier Contractors of Iowa	Top-Tier Contractors of Iowa
Other	Building Alteration	11/22/2023	\$34,393	23-6728-ALT	802 SE Oralabor Rd Ste 126	Contractors Group Inc	Contractors Group Inc
Other	Fuel Tanks	11/15/2023	\$0	23-6076-FUEL	1505 NE 36th St	DRA Properties	DRA Properties LLC
Other	Fuel Tanks	11/16/2023	\$0	23-6514-FUEL	1102 SW 11th St	Diamond Oil Co	Happe Commercial
Other	Fuel Tanks	11/28/2023	\$0	23-6819-FUEL	5075 SE Delaware Ave	Hobby Lobby Const. Dept	Hobby Lobby Const. Dept
Single Family Detached	Fence/Wall	11/1/2023	\$0	23-6479-FNCE	1811 SW Westview Dr	Central Iowa Fencing	Central Iowa Fencing
Single Family Detached	Fence/Wall	11/2/2023	\$0	23-6435-FNCE	2514 SW Plaza Pkwy	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/3/2023	\$0	23-6333-FNCE	5907 NE Oak Dr	Rylux Fence Company	Rylux Fence Company
Single Family Detached	Fence/Wall	11/6/2023	\$0	23-6539-FNCE	711 NE 56th St	Huber Fencing	Huber Fencing
Single Family Detached	Fence/Wall	11/6/2023	\$0	23-6544-FNCE	1110 NW Jackson Dr	Gardner Homes	Gardner Homes
Single Family Detached	Fence/Wall	11/6/2023	\$0	23-6547-FNCE	305 NE 51st St	Iowa Maintenance	Iowa Maintenance
Single Family Attached	Fence/Wall	11/6/2023	\$0	23-6556-FNCE	736 NE 5th St	Villas of Crestbruck	Macro Fence LLC
Single Family Detached	Fence/Wall	11/8/2023	\$0	23-6081-FNCE	1365 NE 31st St	Juarez Excavating LLC	Juarez Excavating LLC
Single Family Attached	Fence/Wall	11/9/2023	\$0	23-6598-FNCE	1321 SW Kenworthy Dr	Precision Fencing	Precision Fencing
Single Family Detached	Fence/Wall	11/9/2023	\$0	23-6621-FNCE	1104 SE Chaparal Dr	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/10/2023	\$0	23-6622-FNCE	1607 SW Precedence Rd	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6657-FNCE	415 SW 16th St	Art Graham	Art Graham
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6660-FNCE	2809 NW 38th Ln	Michael Kelch	Michael Kelch
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6669-FNCE	409 SW 15th St	Central Iowa Fencing	Central Iowa Fencing
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6685-FNCE	3816 NW Linwood Ln	Mary Chiodo	Mary Chiodo
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6686-FNCE	3808 NW Greenwood Ln	Julie Farren	Julie Farren
Single Family Detached	Fence/Wall	11/14/2023	\$0	23-6687-FNCE	2817 NW 38th Ln	Steve Carnine	Steve Carnine
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6661-FNCE	3801 NW Linwood Ln	Kathy Quam	Kathy Quam
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6664-FNCE	3713 NW Greenwood Ln	James G Allen	James G Allen
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6683-FNCE	3709 NW Greenwood Ln	Debera Davis	Absolute Fence LLC
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6694-FNCE	3510 NW 28th St	Huber Fencing	Huber Fencing
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6705-FNCE	2822 NW 39th Ln	Brian P Martz	FencePro of Iowa
Single Family Detached	Fence/Wall	11/15/2023	\$0	23-6706-FNCE	3808 NW Linwood Ln	James R Diehl	Absolute Fence LLC
Single Family Detached	Fence/Wall	11/16/2023	\$0	23-6642-FNCE	4405 NW 13th St	Paton Jan	CKS Fence & Construction
Single Family Detached	Fence/Wall	11/16/2023	\$0	23-6701-FNCE	2124 NW 44th St	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/16/2023	\$0	23-6721-FNCE	3707 NW Linwood Ln	Jamie Blomgren	Jamie Blomgren
Single Family Detached	Fence/Wall	11/16/2023	\$0	23-6722-FNCE	1119 NE Milan Ave	Church Jacqueline	Church Jacqueline
Single Family Detached	Fence/Wall	11/17/2023	\$0	23-6702-FNCE	1709 NE Sherman Ct	A1 Fence	A1 Fence

Single Family Detached	Fence/Wall	11/17/2023	\$0 23-6716-FNCE	6111 NE Briarwood Dr	Affordable Fencing Inc	Affordable Fencing Inc
Single Family Detached	Fence/Wall	11/17/2023	\$0 23-6727-FNCE	5913 NE Sherman Dr	American Fence Company	American Fence Co
Single Family Detached	Fence/Wall	11/20/2023	\$0 23-6740-FNCE	4711 NW 13th St	Superior Fence and Rail	Superior Fence and Rail
Single Family Detached	Fence/Wall	11/20/2023	\$0 23-6745-FNCE	1811 NW Lakeside Dr	Juan Pablo Sanchez	Central Iowa Fencing
Single Family Detached	Fence/Wall	11/21/2023	\$0 23-6755-FNCE	3805 NW Linwood Ln	Conrad Coniconde	Artistic Iron Works
Single Family Detached	Fence/Wall	11/21/2023	\$0 23-6771-FNCE	3812 NW Greenwood Ln	Lentz Paul	Lentz Paul
Single Family Detached	Fence/Wall	11/22/2023	\$0 23-6331-FNCE	3406 SW Greenwood St	Laura C Muench	Laura C Muench
Single Family Detached	Fence/Wall	11/22/2023	\$0 23-6781-FNCE	2305 NW Greenwood St	American Fence Company	American Fence Co
Single Family Detached	Fence/Wall	11/22/2023	\$0 23-6782-FNCE	6003 NE Sherman Dr	American Fence Company	American Fence Co
Single Family Detached	Fence/Wall	11/22/2023	\$0 23-6783-FNCE	2802 NW 38th Ln	Huber Fencing	Huber Fencing
Single Family Detached	Fence/Wall	11/22/2023	\$0 23-6792-FNCE	502 NE 55th St	Chang Sunjo	Justus Fencing
Single Family Attached	Fence/Wall	11/27/2023	\$0 23-6640-FNCE	4409 NW 13th St	Rivera Kaylee	CKS Fence & Construction
Single Family Detached	Fence/Wall	11/27/2023	\$0 23-6691-FNCE	2707 NW Cedarwood St	Platinum Fence	Platinum Fence
Single Family Detached	Fence/Wall	11/27/2023	\$0 23-6739-FNCE	1423 NW 27th St	Thrive Fencing	Thrive Fencing
Single Family Detached	Fence/Wall	11/29/2023	\$0 23-6804-FNCE	814 SW Prairie Trail Pkwy	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/29/2023	\$0 23-6805-FNCE	810 SW Prairie Trail Pkwy	Des Moines Steel Fence Co	Des Moines Steel Fence Co
Single Family Detached	Fence/Wall	11/30/2023	\$0 23-6851-FNCE	1311 NW 29th St	Parker D Caskey	Parker D Caskey
Retail	Sign	11/8/2023	\$7,000 23-5917-SIGNP	1380 SW Vintage Pkwy Ste 107	Signs-N-More	Signs-N-More
Retail	Sign	11/8/2023	\$7,000 23-5918-SIGNP	1380 SW Vintage Pkwy Ste 107	Signs-N-More	Signs-N-More
Office	Sign	11/9/2023	\$7,500 23-6574-SIGNP	617 SW 3rd St UNIT 101	Latitude Signage + Design	Latitude Signage + Design
Other	Sign	11/15/2023	\$50,000 23-5749-SIGNP	2855 SW Vintage Pkwy	Nelson Construction & Dev	Nelson Construction & Dev
Mixed Use	Sign	11/16/2023	\$5,330 23-6299-SIGNP	1465 SW Park Square Dr Un 103	Chesnut Signs	Chesnut Signs
Retail	Sign	11/16/2023	\$1,080 23-6370-SIGNP	1802 SE Delaware Ave Ste 109	Chesnut Signs	Chesnut Signs
Mixed Use	Sign	11/16/2023	\$6,000 23-6406-SIGNP	2785 N Ankeny Blvd Ste 16	Chesnut Signs	Chesnut Signs
Storage	Sign	11/16/2023	\$1,070 23-6497-SIGNP	6150 SE Rio Cir	Chesnut Signs	Chesnut Signs
Retail	Sign	11/17/2023	\$3,370 23-6163-SIGNP	221 S Ankeny Blvd	Signarama Ankeny and YESCO DM	Signarama Ankeny and YESCO DM
Retail	Sign	11/21/2023	\$2,000 23-5982-SIGNP	2732 SE Delaware Ave Ste 150	iSigns First LLC	iSigns First LLC
Office	Sign	11/27/2023	\$505 23-6679-SIGNP	220 W 1st St STE 101	Signarama Ankeny and YESCO DM	Signarama Ankeny and YESCO DM
Mixed Use	Temporary Sign	11/28/2023	\$0 23-6810-SIGNT	110 N Ankeny Blvd Ste 500	Margaret Ortiz	Margaret Ortiz
Single Family Detached	Drive Approach	11/6/2023	\$0 23-6540-RSTRM	3619 SW Timberline Ct	David Billings	All Solutions Concrete
Single Family Detached	Drive Approach	11/9/2023	\$0 23-6609-RSTRM	2416 SW Woodbury Ln	Gilberto Andrade	Gilberto Andrade
Single Family Detached	Drive Approach	11/10/2023	\$0 23-6628-RSTRM	506 NW Cindy Ln	Mark Brinkman	Mark Brinkman



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

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ORIGINATING DEPARTMENT:

Finance

COUNCIL GOAL:

Exercise Financial Discipline

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to receive and file Utility Billing Report for November 2023.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 Utility Billing Report

City of Ankeny
To the Mayor and City Council
Utility Billing Report

Month	Customers Billed	Billed Consumption (Gallons)	Water Billings	Revenue / 1000 Gal	Water Svc . Avail.	# W.A. Chg.	Total Tax	Misc. Charges	Sewer Billings	Sewer Svc. Avail.	# S.A. Chg.	Storm Water Billings	Total Monthly Billings
July	29,175	263,647,619	\$ 1,820,835	\$ 6.91	\$ 315,560	27,111	\$ 149,121	\$ 15,088	\$ 769,528	\$ 543,466	26,584	\$ 291,668	\$ 3,756,145
August	29,406	281,317,965	\$ 1,925,366	\$ 6.84	\$ 316,457	27,189	\$ 157,068	\$ 15,130	\$ 856,194	\$ 544,768	26,657	\$ 292,117	\$ 3,950,032
September	29,370	290,171,913	\$ 2,022,248	\$ 6.97	\$ 318,081	27,299	\$ 161,500	\$ 15,187	\$ 866,462	\$ 547,367	26,762	\$ 292,835	\$ 4,062,180
October	29,414	215,518,443	\$ 1,519,119	\$ 7.05	\$ 318,670	27,346	\$ 129,861	\$ 15,218	\$ 794,786	\$ 548,962	26,820	\$ 293,228	\$ 3,489,982
November	29,408	151,845,412	\$ 1,006,171	\$ 6.63	\$ 318,020	27,412	\$ 102,185	\$ 15,275	\$ 800,843	\$ 551,172	26,930	\$ 293,833	\$ 2,985,313
December													
January													
February													
March													
April													
May													
June													
FY Total	146,773	1,202,501,352	\$ 8,293,739	\$ 34.40	\$ 1,586,789	136,357	\$ 699,735	\$ 75,898	\$ 4,087,813	\$ 2,735,735	133,753	\$ 1,463,680	\$ 18,243,652
FY 24 Average	29,355	240,500,270	1,658,748	\$ 6.88	317,358	27,271	139,947	15,180	817,563	547,147	26,751	292,736	3,648,730
FY 23 Average	28,338	188,099,141	1,183,291	\$ 6.32	299,367	26,581	110,645	14,818	821,186	533,485	26,102	284,256	3,136,403
FY 22 Average	27,012	173,720,262	\$ 1,039,721	\$ 5.96	\$ 279,636	25,615	\$ 100,602	\$ 14,280	\$ 839,667	\$ 531,081	25,155	\$ 270,547	\$ 2,974,932
FY 21 Average	25,514	175,191,103	\$ 1,004,651	\$ 5.65	\$ 261,517	24,564	\$ 97,325	\$ 13,675	\$ 893,718	\$ 543,516	24,102	\$ 255,531	\$ 2,972,609
FY 20 Average	24,069	148,457,846	\$ 790,912	\$ 5.23	\$ 248,219	23,477	\$ 81,443	\$ 13,067	\$ 790,209	\$ 519,384	23,018	\$ 198,220	\$ 2,560,012
FY 19 Average	23,157	141,721,265	\$ 703,451	\$ 4.89	\$ 239,513	22,642	\$ 76,042	\$ 12,604	\$ 765,640	\$ 500,957	22,194	\$ 191,607	\$ 2,413,772
FY 18 Average	22,199	148,299,683	\$ 717,639	\$ 4.75	\$ 229,309	21,696	\$ 74,396	\$ 12,079	\$ 732,055	\$ 479,581	21,257	\$ 168,141	\$ 2,338,804
FY 17 Average	21,118	130,754,905	\$ 573,655	\$ 4.34	\$ 203,156	20,629	\$ 63,715	\$ 11,495	\$ 715,618	\$ 454,144	20,208	\$ 160,807	\$ 2,118,875
FY 16 Average	20,144	122,786,371	\$ 498,547	\$ 4.03	\$ 181,657	19,695	\$ 57,931	\$ 10,977	\$ 700,667	\$ 432,333	19,276	\$ 154,242	\$ 1,978,423
FY 15 Average	19,002	114,382,217	\$ 448,375	\$ 3.89	\$ 165,892	18,592	\$ 52,152	\$ 9,481	\$ 621,465	\$ 381,931	18,171	\$ 146,989	\$ 1,774,134
FY 14 Average	18,188	130,473,575	\$ 524,615	\$ 3.93	\$ 157,676	17,824	\$ 54,495	\$ 9,082	\$ 575,219	\$ 347,744	17,409	\$ 141,544	\$ 1,755,881
FY 13 Average	17,461	127,259,667	\$ 498,872	\$ 3.84	\$ 147,519	17,146	\$ 49,939	\$ 8,749	\$ 516,957	\$ 308,223	16,745	\$ 96,329	\$ 1,576,649
FY 12 Average	16,898	119,790,894	\$ 443,102	\$ 3.64	\$ 135,767	16,620	\$ 44,904	\$ 8,477	\$ 459,863	\$ 271,187	16,213	\$ 93,307	\$ 1,411,702
FY 11 Average	16,415	105,824,267	\$ 343,916	\$ 3.24	\$ 118,519	16,175	\$ 36,560	\$ 7,621	\$ 427,041	\$ 247,677	15,724	\$ 90,746	\$ 1,235,520
FY 10 Average	15,932	109,564,150	\$ 325,559	\$ 2.94	\$ 104,065	15,673	\$ 32,792	\$ 7,243	\$ 375,098	\$ 210,202	15,216	\$ 88,351	\$ 1,110,519
FY 09 Average	15,325	109,776,358	\$ 316,943	\$ 2.84	\$ 96,801	15,261	\$ 30,993	\$ 7,060	\$ 350,002	\$ 195,507	14,806	\$ -	\$ 966,313
FY 08 Average	14,934	112,497,657	\$ 326,578	\$ 2.86	\$ 90,607	14,742	\$ 28,423	\$ 12,328	\$ 309,562	\$ 163,141	14,274	\$ -	\$ 930,639
FY 07 Average	14,345	111,387,042	\$ 310,964	\$ 2.74	\$ 83,528	14,099	\$ 26,133	\$ 10,755	\$ 257,067	\$ 137,350	13,634	\$ -	\$ 825,795
FY 06 Average	13,420	108,202,296	\$ 291,748	\$ 2.66	\$ 73,332	13,109	\$ 23,924	\$ 9,694	\$ 233,797	\$ 109,441	12,668	\$ -	\$ 741,937
FY 05 Average	12,259	99,314,970	\$ 220,166	\$ 2.24	\$ 63,148	14,096	\$ 18,767	\$ 7,304	\$ 209,495	\$ 80,757	13,687	\$ -	\$ 599,637
FY 04 Average	11,160	106,031,112	\$ 223,285	\$ 2.10	\$ 57,886	13,782	\$ 17,891	\$ 4,312	\$ 189,435	\$ 70,582	13,393	\$ -	\$ 563,392
FY 03 Average	10,241	90,622,843	\$ 190,558	\$ 2.09	\$ 54,239	12,914	\$ 15,965	\$ 2,836	\$ 179,169	\$ 66,118	12,546	\$ -	\$ 508,886
FY 02 Average	9,538	86,506,417	\$ 179,109	\$ 2.06	\$ 51,377	12,233	\$ 15,237	\$ 2,865	\$ 175,727	\$ 62,666	11,891	\$ -	\$ 486,982
FY 01 Average	8,968	75,203,817	\$ 161,137	\$ 2.13	\$ 49,015	11,670	\$ 14,113	\$ 2,386	\$ 169,540	\$ 59,883	11,363	\$ -	\$ 456,075
FY 00 Average	8,943	76,589,060	\$ 161,036	\$ 2.10	\$ 46,920	11,171	\$ 11,686	\$ 2,411	\$ 163,674	\$ 57,273	10,868	\$ -	\$ 442,999
FY 99 Average	8,402	66,329,874	\$ 137,536	\$ 2.07	\$ 44,676	10,637	\$ 10,510	\$ 2,168	\$ 156,069	\$ 55,530	10,537	\$ -	\$ 406,489
FY 98 Average	8,014	63,130,217	\$ 135,586	\$ 2.15	\$ 42,754	10,180	\$ 10,520	\$ 2,445	\$ 153,575	\$ 52,226	9,910	\$ -	\$ 396,835
FY 97 Average	7,631	62,277,745	\$ 130,853	\$ 2.10	\$ 41,003	9,763	\$ 9,892	\$ 2,373	\$ 146,976	\$ 50,743	9,629	\$ -	\$ 381,841



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Change Order #1 increasing the contract amount by \$11,484.00 to Absolute Concrete Construction, for construction services on the Oralabor Gateway Trail - SW State Street Underpass and SW Oralabor Road and SW State Street Intersection Improvements project.

EXECUTIVE SUMMARY:

This change order is to increase contract quantities and add items necessary to address unsuitable soils and groundwater encountered in Stage 4.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 Change Order #1

CHANGE ORDER FORM



Project Title: I - SW State Street Underpass and SW Oralabor Road and SW State Street Inte
Contractor: Absolute Concrete Construction
Address: 0
Finance Budget Code: 998.3998.4451 **Finance Project #:** 998.4451
Vendor Project #: 4997 **Purchase Order #:** 0
Original Contract Date: March 6, 2023 **Vendor Account #:** 0

Date of Council Meeting: December 18, 2023 **Change Order #:** 1

Purpose of Change Order:

The purpose of this change order is to increase contract quantities and add items necessary to address unsuitable soils and groundwater encountered in Stage 4 at STA 676+90. Polymer Grid was placed under 12" of Modified Subbase after coring out 12" of unsuitable soils.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
8001	CO 01 - SUBGRADE STABILIZATION, POLYMER GRID	SY	290.00	\$ 6.00	\$ 1,740.00
0030	EXCAVATION, CLASS 10, WASTE	CY	96.00	\$ 23.50	\$ 2,256.00
0050	MODIFIED SUBBASE	CY	96.00	\$ 78.00	\$ 7,488.00
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -

Change Order #: 1 **makes the following adjustments to the Contract:** \$ 11,484.00

Contractor Accepted: Absolute Concrete Construction

Firm Name
 Signature [Signature] Date 12/17/2023

Engineer Approved: HR GREEN, INC.

Firm Name
 Tony Babcock [Signature] Date 12/17/2023
 Signature Date

Owner Accepted: City of Ankeny

Mayor
 Signature _____ Title _____
 Date December 18, 2023

Attest for Owner:

City Clerk
 Signature _____ Title _____
 Date December 18, 2023

Record of Change Orders:

Original Contract Amount		\$ 6,369,694.05
#	Change Order Date	Amount
1	December 18, 2023	\$ 11,484.00
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Revised Contract Amount \$ 6,381,178.05



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Change Order #4 increasing the contract amount by \$137.90 to Elder Corporation, for construction services on the NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek project.

EXECUTIVE SUMMARY:

The purpose of the change order is to adjust quantities for year 1 of construction due to field adjustments for sidewalks and retaining walls.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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 Change Order #4

CHANGE ORDER FORM



Project Title: NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek
Contractor: Elder Corporation
Address: 5088 E University Ave, Pleasant Hill, IA
Finance Budget Code: 979.3979.4451 **Finance Project #** 979.4451
Vendor Project or Invoice #: 990 **PO #**
Original Contract Date: January 3, 2023 **Vendor #** 5340

Change Order Number: 4

Change Order Date: December 18, 2023

Purpose of Change Order:

#40 - MODULAR BLOCK RETAINING WALL. Additional quantity used in year 1 to stabilize slope at Delaware Park's entrance.
 #72 - SIDEWALK, P.C. CONCRETE, 4 IN. Additional quantity used in year 1 construction due to field adjustments.
 #73 - SIDEWALK, P.C. CONCRETE, 5 IN. Additional quantity used in year 1 construction due to field adjustments.
 #81 - COMBINED CONCRETE SIDEWALK AND RETAINING WALL. Reduced quantity used in year 1 construction due to field adjustments.
 #83 - REMOVAL AND REINSTALLATION OF FENCE, 6FT. HEIGHT WOOD PRIVACY FENCE. Reduced quantity used in year 1 construction due to field adjustments.
 #127 - CONCRETE RETAINING WALL FORMLINER. Reduced quantity used in year 1 construction due to field adjustments.
 #149 - TEMPORARY DELINEATORS. Used along NB edge of temporary pavement. Needed to direct traffic through transition taper into 2 lane section.
 #150 - INTAKE ADJUSTMENT, MAJOR. New concrete floor for ST-70 so storm water can flow to the subdrain invert elevation.
 #151 - TRAFFIC CONTROL. Additional detour signs needed to help traffic confusion and flow for the Delaware Park townhomes.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE DIV.1	QUANTITY CHANGE DIV.2	QUANTITY CHANGE DIV.3	UNIT PRICE	EXTENDED PRICE DIV. 1	EXTENDED PRICE DIV. 2	EXTENDED PRICE DIV.3
40	MODULAR BLOCK RETAINING WALL	SF	50.00			\$ 35.00	\$ 1,750.00	\$ -	\$ -
72	SIDEWALK, P.C. CONCRETE, 4 IN.	SY	18.10			\$ 51.00	\$ 923.10	\$ -	\$ -
73	SIDEWALK, P.C. CONCRETE, 5 IN.	SY	27.10			\$ 48.00	\$ 1,300.80	\$ -	\$ -
81	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	-3.20			\$ 810.00	\$ (2,592.00)	\$ -	\$ -
83	REMOVAL AND REINSTALLATION OF FENCE, 6FT. HEIGHT WOOD PRIVACY FENCE	LF	-130.00			\$ 49.00	\$ (6,370.00)	\$ -	\$ -
127	CONCRETE RETAINING WALL FORMLINER	SF	-37.00			\$ 12.00	\$ (444.00)	\$ -	\$ -
149	TEMPORARY DELINEATORS	EA	6.00			\$ 311.67	\$ 1,870.00	\$ -	\$ -
150	INTAKE ADJUSTMENT, MAJOR	EA	1.00			\$ 2,700.00	\$ 2,700.00	\$ -	\$ -
151	TRAFFIC CONTROL	LS	1.00			\$ 1,000.00	\$ 1,000.00	\$ -	\$ -
							\$ 137.90	\$ -	\$ -

Change Order Number: 4 makes the following adjustments to the Contract:

Contractor Accepted: Elder Corporation
 Signature: _____ Date: 12/8/2023

Engineer Approved: Snyder & Associates, Inc.
 Signature: Jordan Stoermer Date: 12/8/2023

Owner Accepted: City of Ankeny
 Signature: _____ Title: Mayor
 Date: 12/18/2023

Attest for Owner:
 Signature: _____ Title: City Clerk
 Date: 12/18/2023

Record of Change Orders

#	Date	Amount
	Original Contract Amount	\$ 9,993,000.00
1	May 15, 2023	\$ 4,400.00
2	July 17, 2023	\$ 8,856.00
3	August 21, 2023	\$ 3,440.00
4	December 18, 2023	\$ 137.90
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Revised Contract Amount

\$ 10,009,833.90



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Amendment No. 5 to the Professional Services Agreement increasing the contract amount by \$59,500.00 with Foth Infrastructure and Environment, LLC for additional construction engineering services on the West First Street Widening and Improvements - Phase 1 project.

EXECUTIVE SUMMARY:

The purpose of Amendment No. 5 is to account for the additional construction engineering services completed by Foth Infrastructure and Environment, LLC for the West First Street Widening and Improvements - Phase 1 project due to the project's extended construction duration. The Contractor exceeded the allotted working days designated in the construction Contract. The scope of the additional construction engineering services along with the corresponding fees are shown in the attached Amendment No. 5 to the Professional Services Agreement. The total fee for the additional construction engineering services is \$59,500.00.

It is recommended that the City Council approve Amendment No. 5 to the Professional Services Agreement with Foth Infrastructure and Environment, LLC.

FISCAL IMPACT: No

The West First Street Widening and Improvements - Phase 1 project was included in the City of Ankeny's CIP. The City intends to recover \$40,000.00 of the additional construction engineering services for the project by charging the Contractor with liquidated damages, as per the construction Contract. The remaining \$19,500.00 of Amendment No. 5 is due to the extra working days added in to the project for change order items which the Engineer then needed to provide additional construction engineering services to observe the extra work.

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Amendment No. 5
 Amendment No. 4
 Amendment No. 3
 Amendment No. 2
 Amendment No. 1
 Professional Services Agreement

PROFESSIONAL CONSULTING SERVICES AMENDMENT NO. 5

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This **AMENDMENT**, made and entered into this 18th day of December, 2023, by and between the **CITY OF ANKENY, IOWA**, hereinafter referred to as the “City”, and **FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC.**, hereinafter referred to as the “Consultant”, for professional services in connection with the Final Design and Construction Period Services for the widening of West First Street from SW Scott Street to SW Logan Street hereby amends the original AGREEMENT dated December 17, 2018, Amendment No. 1 dated May 6, 2019, Amendment No. 2 dated June 15, 2020, Amendment No. 3 dated February 1, 2021, and Amendment No. 4 dated March 7, 2022 as follows:

1. SCOPE OF SERVICES

Services provided under this AMENDMENT shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

- 1) In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Engineer	Not Used
II. 2023 Construction Period Services	
A. Construction Administration	\$ 30,000.00
B. Resident Engineering/Observation	\$ 26,500.00
C. Construction Material Testing	\$ 700.00
D. <u>Construction Survey</u>	<u>\$ 2,300.00</u>
TOTAL	\$ 59,500.00

THIS AMENDMENT is subject to all provisions of the original AGREEMENT.

THIS AMENDMENT, together with the original AGREEMENT, Amendment No. 1, Amendment No. 2, Amendment No. 3, and Amendment No. 4 represents the entire and integrated AGREEMENT between the City and Consultant.

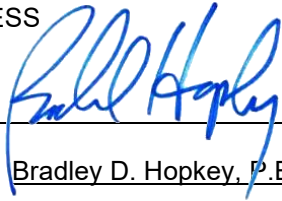
THIS AMENDMENT executed the day and year written above.

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC

CITY OF ANKENY, IOWA

BY: 
Patrick P. Kueter, P.E.
Client Director

BY: _____
Mark E. Holm
Mayor

WITNESS 

Name: Bradley D. Hopkey, P.E.
Title: Lead Civil Engineer

ATTEST

Name: Michelle Yuska
Title: City Clerk

Attachment No. 1

Scope of Services

The project consists of reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. As part of the original base agreement, the Consultant completed the data collection, functional design, and existing storm sewer assessment. As part of Amendment No. 1, the Consultant completed the preliminary and final roadway design. As part of Amendment No. 2, the Consultant completed additional design related services primarily related to the extension of the project limits on the side streets and modification requests from property owners during the right-of-way acquisition process, the development of standalone NW Northlawn Area Sanitary Sewer Improvements and West First Street Temporary Traffic Signals projects, and the Limited Construction Period Services for the NW Northlawn Area Sanitary Sewer Improvements, West First Street Joint Utility Trench, and West First Street Temporary Traffic Signals projects. As part of Amendment No. 3, the Consultant completed construction period services for Stages 1A, 1B, 1C, and 1D. As part of Amendment No. 4, the Consultant completed construction period services for Stages 2 and 3. The following tasks expand the previously approved scope of services and are included as part of Amendment No. 5:

- 2022 Construction Period Services for Stage 2 and Stage 3 that extended beyond the contracted completion date of September 24, 2022, project close out, and final material audits.
- Final punch list items were completed and accepted on May 6, 2023.
- Final closeout paperwork was accepted by the City, Contractor, and Iowa DOT in December 2023.

The scope of services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE ENGINEER (NOT USED)

II. 2022 CONSTRUCTION PERIOD SERVICES

The Consultant shall consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and to make available pertinent existing data. The Consultant shall provide the following 2022 Construction Period Services:

A. CONSTRUCTION ADMINISTRATION

Construction administration services shall consist of office-based services to assist the City in implementing the construction contract for this project. The work tasks to be performed by the Consultant shall include:

Task 4 – Engineer Site Visits

In connection with observations of the Contractor's work while it is in progress:

- a. The Consultant shall make visits to the site at intervals appropriate to the various stages of construction as the Consultant deems necessary (estimated to be two (2) site visits per month minimum, with up to one (1) weekly visit during peak construction activity periods) in order to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor's work. Based on information obtained during such visits and on such observations, the Consultant shall determine, in general, if such work is proceeding in accordance with the Plans, and the Consultant shall keep the City informed of the progress of the work.
- b. The purpose of the Consultant's visits to the site will be to enable the Consultant to better carry out their duties and responsibilities during the construction phase and, in addition, by exercise of the Consultant's efforts as an experienced and qualified design professional, to provide for the City a greater degree of confidence that the completed work of the Contractor will conform to the

Plans, and that the integrity of the design concept as reflected in the Plans has been implemented and preserved by the Contractor.

- c. The Consultant shall not during such visits supervise, direct, or have control over the Contractor's work, nor shall the Consultant have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor for safety precautions and programs incident to the work or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes, or orders applicable to the Contractor furnishing and performing their work.
- d. During such visits, the Consultant may disapprove of or reject the Contractor's work while it is in progress if the Consultant believes that such work will not produce a completed Project that conforms to the Plans, or that it will prejudice the integrity of the design concept of the Project as reflected in the Plans.

The actual construction period exceeded the original contract by 33 working days with final punch list items being completed in May 2023. Additional site visits were required during the period between the contract completion date of September 24, 2022, and May 2023.

Task 7 – Payment Applications and Change Order Preparation

The Consultant shall prepare contractor payment applications and issue necessary interpretations and clarifications of the Plans, and in connection therewith, prepare change orders as required. The City's standard formats will be used for payment applications and change orders.

An additional five (5) payment applications and one (1) additional change order were prepared beyond the contract completion date.

Task 10 - Record Drawings

This task consists of preparation of construction record drawings defining the actual location of improvements and fixtures completed in 2022. The Consultant shall prepare record drawings showing those changes made during 2022 construction, based on the marked-up drawings and other data furnished by the Contractor and the Resident Construction Observer. The final submittal of the record drawings shall follow the City's Post-Construction Submittal Requirements and include ADA-compliant pedestrian ramp as-builts.

Additional measurements were needed to verify ADA-compliant pedestrian ramps that were reconstructed to satisfy various punch list items during the 2023 construction season.

Task 11 – Project Management

The project manager for the Consultant will be responsible for monthly progress reporting, minutes of meetings, interoffice memoranda, and invoicing. This task also includes scheduling of staff, coordinating with Sub-Consultants, review of progress, and senior review of deliverables.

An additional 14 months of project management were required to complete the project.

B. RESIDENT ENGINEERING/OBSERVATION

The work to be performed under this phase of the Project shall include frequent resident observation of the construction work in addition to that included under A, Construction Administration. The Consultant shall determine the amounts owing to the Contractor and recommend, in writing, payments to the Contractor in such amounts. Such recommendations of payment will constitute a representation to the City, based on such observations and review that the work progressed to the point indicated, and that to the best of the Consultant's knowledge, information, and belief, quality of such work is generally in accordance with the Plans. In the case of unit-price work, the Consultant's recommendation of payment will include final determinations of the quantities and classifications of such work.

This phase consists of coordinating field-testing of construction materials incorporated into the project with the Consultant's independent testing sub-consultant. Prepare written reports that document compliance or non-compliance of construction materials. Also included is observing the performance of construction work and advising the Contractor and the City of non-complying work or materials incorporated into the project. Also included is recording final locations of buried water main fittings by the Consultant with a centimeter-grade GPS unit prior to backfill by the Contractor.

For budget purposes, it was assumed that construction would take 130 working days and would occur between April and September in 2022 for Stage 2 and Stage 3 construction activities. It was estimated that one full-time (48 hours/week) staff member of the Consultant would be available for a duration of twenty-five (25) weeks and one part-time (24 hours/week) staff member for a duration of fifteen (15) weeks.

The above Resident Engineering/Observation estimate includes a maximum of 2,160 hours of effort. In the event the Construction Period exceeds the contract working days or unanticipated conditions require Resident Engineering/Observation more than 2,160 hours of effort for 2022 Construction, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

The actual construction period exceeded the original contract by 33 working days for a total of 163 working days. The construction period was extended 13 working days through change order, however resident engineering services were required to be provided for an extra 33 working days.

C. CONSTRUCTION MATERIAL TESTING

Under this task the Consultant shall employ the services of a construction materials testing Sub-consultant to complete construction material sampling and testing for the project. It is anticipated that the majority of the materials incorporated into the project will be provided from approved Iowa DOT material suppliers. As part of the construction contract, the Contractor is responsible for the Certified Plant Inspection, therefore the construction material testing Sub-consultant shall be responsible for providing Quality Assurance testing and provide plant monitoring. Testing personnel shall have the appropriate Iowa DOT certifications.

The effort associated with the 2022 Construction Material Testing was dependent on the efficiency of the Contractor and Subcontractor efforts. A Construction Material Testing allowance of \$35,000 was included for the 2022 Construction. The Consultant met the limit as it completed the 2022 Construction season. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

An additional \$700 of testing services was required during pavement and sidewalk replacement operations needed to satisfy various punch list items during the 2023 construction season.

D. CONSTRUCTION SURVEY

The Consultant performed the following tasks as part of Construction Survey:

Task 7 – Sidewalk Ramps

The Contract Documents contain sheets for construction of curb ramps, turning spaces, and transitions. The Contractor will measure, or stake as required to construct features. If either of the following is met, the Consultant will provide staking for that quadrant and verify slopes during finishing:

- a) Running Slope. Tolerance between design slope and maximum allowable slope is less than 1.0%
- b) Cross Slope, Turning Space Slopes (including areas adjacent to pedestrian pushbuttons). Tolerance of +/- 0.5% from design would exceed minimum or maximum allowable slope.

The Consultant provided staking for reconstruction of sidewalk ramps needed to satisfy various punch list items during the 2023 construction season.

Task 9 – Traffic Signal Major Equipment

This task includes staking the traffic signal pole and pedestrian pole locations and handhole locations. These points shall be marked by placement of a metal pin or wood hub, flat, and lath.

The above tasks include qualified personnel, equipment, and supplies required for a one-time construction staking for the project to establish the line and grade for the proposed improvements. Replacement costs of any survey stakes or marks that are destroyed or disturbed by the Contractor shall be charged to the Contractor.

The Consultant provided additional staking beyond the contracted construction period.

Attachment No. 2

Schedule

The Consultant will complete the following phases of the Project in accordance with the schedule shown below. If unknown delays present themselves as the project proceeds through construction, the Consultant will work with the City to mutually adjust the schedule accordingly.

- | | | |
|------|-----------------------------------|--------------------------|
| I. | Basic Services of the Engineer | Not Used |
| II. | 2022 Construction Period Services | March 2022 – May 2023 |
| III. | Project Closeout and DOT Audit | May 2023 – February 2024 |

Attachment No. 3 Standard Rate Table

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC 2023 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Principal	\$240 - \$250
Project Manager	\$180 – \$240
Project Engineer	\$154 – \$240
Staff Engineer	\$127 – \$157
Planner	\$127 - \$207
Project Scientist	\$127 - \$167
Technician	\$85 - \$175
Construction Manager	\$132 - \$182
Land Surveyor	\$145 - \$205
Project Administrator	\$82 - \$102
Administrative Assistant	\$62

REIMBURSABLE EXPENSES

1. All materials and supplies used in the performance of work on this project will be billed at cost plus 10%.
2. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.
3. Charges for outside services such as soils and materials testing, fiscal, legal and all other direct expenses will be invoiced at cost plus 10%.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2023. Rates subject to change annually on January 1.

PROFESSIONAL CONSULTING SERVICES AMENDMENT NO. 4

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This **AMENDMENT**, made and entered into this 7th day of March, 2022, by and between the **CITY OF ANKENY, IOWA**, hereinafter referred to as the "City", and **FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC.**, hereinafter referred to as the "Consultant", for professional services in connection with the Final Design and Construction Period Services for the widening of West First Street from SW Scott Street to SW Logan Street hereby amends the original AGREEMENT dated December 17, 2018, Amendment No. 1 dated May 6, 2019, Amendment No. 2 dated June 15, 2020, and Amendment No. 3 dated February 1, 2021 as follows:

1. **SCOPE OF SERVICES**

Services provided under this AMENDMENT shall be as further described in Attachment 1, Scope of Services.

2. **SCHEDULE**

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. **COMPENSATION**

- 1) In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Engineer	Not Used
II. 2022 Construction Period Services	
A. Construction Administration	\$ 96,700.00
B. Resident Engineering/Observation	\$ 261,800.00
C. Construction Survey	\$ 59,100.00
D. <u>Construction Material Testing</u>	<u>\$ 35,000.00</u>
TOTAL	\$ 452,600.00

THIS AMENDMENT is subject to all provisions of the original AGREEMENT.

THIS AMENDMENT, together with the original AGREEMENT, Amendment No. 1, Amendment No. 2, and Amendment No. 3 represents the entire and integrated AGREEMENT between the City and Consultant.

THIS AMENDMENT executed the day and year written above.

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC

BY: Patrick P. Kueter
Patrick P. Kueter, P.E.
Client Director

CITY OF ANKENY, IOWA

BY: Mark E. Holm
Mark E. Holm
Mayor

WITNESS

David D. Kapler
Name: David D. Kapler, P.E.
Title: Sr. Vice President

ATTEST

Denise L. Hoy
Name: Denise L. Hoy
Title: City Clerk

Attachment No. 1

Scope of Services

The project consists of reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. As part of the original base agreement, the Consultant completed the data collection, functional design, and existing storm sewer assessment. As part of Amendment No. 1, the Consultant completed the preliminary and final roadway design. As part of Amendment No. 2, the Consultant completed additional design related services primarily related to the extension of the project limits on the side streets and modification requests from property owners during the right-of-way acquisition process, the development of standalone NW Northlawn Area Sanitary Sewer Improvements and West First Street Temporary Traffic Signals projects, and the Limited Construction Period Services for the NW Northlawn Area Sanitary Sewer Improvements, West First Street Joint Utility Trench, and West First Street Temporary Traffic Signals projects. As part of Amendment No. 3, the Consultant completed construction period services for Stages 1A, 1B, 1C, and 1D. The following tasks expand the previously approved scope of services and are included as part of Amendment No. 4:

- 2022 Construction Period Services for Stage 2, Stage 3, and project close out and final material audits.

The scope of services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE ENGINEER (NOT USED)

II. 2022 CONSTRUCTION PERIOD SERVICES

The Consultant shall consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and also to make available pertinent existing data. The Consultant shall provide the following 2022 Construction Period Services:

A. CONSTRUCTION ADMINISTRATION

Construction administration services shall consist of office-based services to assist the City in implementing the construction contract for this project. The work tasks to be performed by the Consultant shall include:

Task 1 - Pre-construction Meeting

The Consultant shall conduct a pre-construction meeting before 2022 construction begins with the City's Contractor, subcontractors, City representatives, and other interested parties.

Task 2 – Limited Public Information Meeting

The Consultant shall conduct one (1) informational meeting for the City's stakeholders along the north side of West First Street within the project limits. The stakeholders include the Fire Department, Police Department, Parks and Recreation, Ankeny City Hall, Albaugh Senior Center, and the Ankeny Community School District.

Task 3 - Shop Drawings Submittal Reviews

The Consultant shall review shop drawings, samples, and other data which the Contractor is required to submit, but only for conformance with design concept of the Project and conformance with the information given in the Contract Documents. The Consultant shall evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor. The Consultant shall submit their comments to City staff for review and concurrence prior to submitting back to the Contractor. The Consultant shall have authority to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testing, and approvals required.

Task 4 – Engineer Site Visits

In connection with observations of the Contractor's work while it is in progress:

- a. The Consultant shall make visits to the site at intervals appropriate to the various stages of construction as the Consultant deems necessary (estimated to be two (2) site visits per month minimum, with up to one (1) weekly visit during peak construction activity periods) in order to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor's work. Based on information obtained during such visits and on such observations, the Consultant shall determine, in general, if such work is proceeding in accordance with the Plans, and the Consultant shall keep the City informed of the progress of the work.
- b. The purpose of the Consultant's visits to the site will be to enable the Consultant to better carry out their duties and responsibilities during the construction phase and, in addition, by exercise of the Consultant's efforts as an experienced and qualified design professional, to provide for the City a greater degree of confidence that the completed work of the Contractor will conform to the Plans, and that the integrity of the design concept as reflected in the Plans has been implemented and preserved by the Contractor.
- c. The Consultant shall not during such visits supervise, direct, or have control over the Contractor's work, nor shall the Consultant have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor for safety precautions and programs incident to the work or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes, or orders applicable to the Contractor furnishing and performing their work.
- d. During such visits, the Consultant may disapprove of or reject the Contractor's work while it is in progress if the Consultant believes that such work will not produce a completed Project that conforms to the Plans, or that it will prejudice the integrity of the design concept of the Project as reflected in the Plans.

Task 5 – Progress Meetings

The Consultant shall conduct weekly progress meetings with the City, Contractor, and Utility Companies to review progress, update the project schedule, resolve conflicts, and determine any corrective actions if necessary. The Consultant shall assist the Contractor in communicating upcoming construction activities with the adjacent stakeholders and property owners. The Consultant will have two (2) representatives at each progress meeting, including the Resident Construction Observer. The Consultant will also attend the signal activation(s), testing, and walkthroughs.

Task 6 – Construction Newsletters and Graphics

The Consultant shall provide construction updates when a major traffic pattern change happens via a one (1) page construction update newsletter. The intent of the construction update newsletter will be to provide the public a general overview and status update and what to expect during the next phases of construction. A construction graphic may be developed to supplement the construction newsletters that will identify the location of construction activities, street restrictions, how to access adjacent properties, and the overall traffic patterns during a specific stage of construction. The newsletters and graphics will be distributed by the City's communications department. Project letters intended for individual property owners along the south side of the project corridor will be drafted and distributed by the City.

Task 7 – Payment Applications and Change Order Preparation

The Consultant shall prepare contractor payment applications and issue necessary interpretations and clarifications of the Plans, and in connection therewith, prepare change orders as required. The City's standard formats will be used for payment applications and change orders.

Task 8 – Plan Changes

During construction, unknown circumstances may arise that may require modification to the original design. The Consultant will take into account field conditions and develop a formal plan change modifying the original design. The Consultant will submit plan changes to the City for approval and issue

formal plan change to the Contractor for construction. The Consultant will incorporate plan changes into the final Record Documents for the project.

For estimating purposes, three (3) plan changes are assumed as part of this project in 2022.

Task 9 - Final Inspections and Project Close-Out – The Consultant shall conduct an inspection in the company of the City to determine if the work is substantially complete and a final inspection to determine if the completed work is acceptable. The Consultant may recommend, in writing, final payment to the Contractor and may give written notice to the City and the Contractor that the work is acceptable. This task will also include assembling final project documentation and certifications, coordination with Iowa DOT personnel, and attendance at the project audits.

Task 10 - Record Drawings

This task consists of preparation of construction record drawings defining the actual location of improvements and fixtures completed in 2022. The Consultant shall prepare record drawings showing those changes made during 2022 construction, based on the marked-up drawings and other data furnished by the Contractor and the Resident Construction Observer. The final submittal of the record drawings shall follow the City's Post-Construction Submittal Requirements and also include ADA-compliant pedestrian ramp as-builts.

Task 11 – Project Management

The project manager for the Consultant will be responsible for monthly progress reporting, minutes of meetings, interoffice memoranda, and invoicing. This task also includes scheduling of staff, coordinating with Sub-Consultants, review of progress, and senior review of deliverables.

Task 12 – Utility Coordination

The Consultant will coordinate with individual utility companies to coordinate on-going utility relocations. It is anticipated that there will be three (3) meetings during the 2022 construction season with representatives of the various utility companies to coordinate construction activities.

For estimating purposes, 64 hours of effort is included for private utility coordination.

The above Construction Administration Services is for the 2022 Calendar Year only and includes a maximum of 560 hours of effort. In the event the construction period exceeds the contract working day or unanticipated conditions require Construction Administration more than 560 hours of effort, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

B. RESIDENT ENGINEERING/OBSERVATION

Upon written authorization to proceed by the City to the Consultant, the work to be performed under this phase of the Project shall include frequent resident observation of the construction work in addition to that included under A. Construction Administration. The Consultant shall determine the amounts owing to the Contractor and recommend, in writing, payments to the Contractor in such amounts. Such recommendations of payment will constitute a representation to the City, based on such observations and review that the work progressed to the point indicated, and that to the best of the Consultant's knowledge, information, and belief, quality of such work is generally in accordance with the Plans. In the case of unit-price work, the Consultant's recommendation of payment will include final determinations of the quantities and classifications of such work.

This phase consists of coordinating field-testing of construction materials incorporated into the project with the Consultant's independent testing sub-consultant. Prepare written reports that document compliance or non-compliance of construction materials. Also included is observing the performance of construction work and advising the Contractor and the City of non-complying work or materials incorporated into the project. Also included is recording final locations of buried water main fittings by the Consultant with a centimeter-grade GPS unit prior to backfill by the Contractor.

For budget purposes, it is assumed that construction will take 130 working days and will occur between April and September in 2022 for Stage 2 and Stage 3 construction activities. It is estimated

that one full-time (48 hours/week) staff member of the Consultant will be available for a duration of twenty-five (25) weeks and one part-time (24 hours/week) staff member for a duration of fifteen (15) weeks.

The above Resident Engineering/Observation estimate includes a maximum of 2,160 hours of effort. In the event the Construction Period exceeds the contract working days or unanticipated conditions require Resident Engineering/Observation more than 2,160 hours of effort for 2022 Construction, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

C. CONSTRUCTION MATERIAL TESTING

Under this task the Consultant shall employ the services of a construction materials testing Sub-consultant to complete construction material sampling and testing for the project. It is anticipated that the majority of the materials incorporated into the project will be provided from approved Iowa DOT material suppliers. As part of the construction contract, the Contractor is responsible for the Certified Plant Inspection, therefore the construction material testing Sub-consultant shall be responsible for providing Quality Assurance testing and provide plant monitoring. Testing personnel shall have the appropriate Iowa DOT certifications.

Task 1 - Construction Material Sampling and Testing

Testing related to project construction will include, but is not limited to the following:

- a. Soil material sampling and proctors.
- b. Subgrade and subbase material sampling and material engineering properties determinations.
- c. Field densities for utility trench backfill.
- d. Field density and gradation testing of subgrade and subbase materials.
- e. Portland Cement Concrete Pavement Quality Assurance testing, including air, slump, flexural strength, and compressive strength.

The frequency of material testing shall be in accordance with Iowa DOT IM-204.

The effort associated with the 2022 Construction Material Testing will be dependent on the efficiency of the Contractor and Subcontractor efforts. A Construction Material Testing allowance of \$35,000 is included for the 2022 Construction. The Consultant shall notify the City as it approaches this limit and determine the additional effort to complete 2022 Construction. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

D. CONSTRUCTION SURVEY

Upon written authorization to proceed by the City, the Consultant shall perform the following tasks as part of Construction Survey:

Task 1 - Project Control

Verify existing horizontal and vertical control as shown in the project plans and supplement with additional control points as-needed to complete the project. Reset land corners and permanent reference markers as indicated on the plans. Tie-ins with existing roadways shall be checked for correctness of alignment prior to construction staking. This task includes resetting of all property corners disturbed by construction.

Task 2 - Property Lines and Temporary Easement

Stake temporary construction easements, permanent easements, and permanent right-of-way corners at 50 foot intervals, or less if needed. These points shall be marked by placement of a metal pin or wood hub, flat, and lath at the same location as the slope stakes.

Task 3 – Sanitary Sewer and Storm Sewer

Locations and elevations shall be marked with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location, pipe number, cut/fill elevation to flow line and form grade, and offset distance to centerline of pipe.

Task 4 – Water Mains

Mark locations and elevations with metal pin or tack in a wood hub, flat, and lath. Clearly mark the flat with the station location, pipe number, cut/fill elevation, and offset distance to centerline of pipe.

Task 5 – Intakes and Utility Accesses

Locations and elevations shall be marked with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location; intake or utility access number; cut/fill elevation, including bottom of well and form grade; and offset distance to the Station Location.

Task 6 – Pavement (PCC)

- a. Elevations (graded 4' offset paving hubs) at 25 foot intervals for finished grading and paving.
- b. At intersections, graded offset hubs will be set at each end of radius, and radius points will be set where radius distance is less than 100 feet. Also graded midpoint offsets will be set on radii where curve length is greater than 40 feet.
- c. After grading and paving is complete, reset plan control points and land corner monuments.

*Note: the survey scope of services does not include blue-top staking for finished grading.

Task 7 – Sidewalk Ramps

The Contract Documents contain sheets for construction of curb ramps, turning spaces, and transitions. The Contractor will measure or stake as required to construct features. If either of the following is met, the Consultant will provide staking for that quadrant and verify slopes during finishing:

- a) Running Slope. Tolerance between design slope and maximum allowable slope is less than 1.0%
- b) Cross Slope, Turning Space Slopes (including areas adjacent to pedestrian pushbuttons). Tolerance of +/- 0.5% from design would exceed minimum or maximum allowable slope.

If adequate construction tolerances are allowed, Consultant will not provide staking for construction of sidewalk.

Task 8 – Sidewalks

Locations and elevations shall be marked with a wood hub and flat. Elevations on one side of the pavement at 50 foot intervals on straight and level sections and at 25 foot intervals on horizontal and vertical curves. The flat shall be clearly marked with the station location, cut/fill information, and offset distance to the edge of pavement.

Task 9 – Traffic Signal Major Equipment

This task includes staking the traffic signal pole and pedestrian pole locations and handhole locations. These points shall be marked by placement of a metal pin or wood hub, flat, and lath.

The above tasks include qualified personnel, equipment, and supplies required for a one-time construction staking for the project to establish the line and grade for the proposed improvements. Replacement costs of any survey stakes or marks that are destroyed or disturbed by the Contractor shall be charged to the Contractor.

Construction staking for silt fence, filter sock, surface restoration, traffic control, and other miscellaneous items are not included in this scope of services. It is assumed that the on-site construction technician for the project will provide these services where appropriate. Existing and final cross-sections for earthwork computations are also not included in the above.

The above Construction Survey estimate includes a maximum of 430 hours of effort. In the event the Construction Period exceeds the contract working days or unanticipated conditions require Construction Survey in excess of 430 hours of effort, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

Attachment No. 2

Schedule

The Consultant will complete the following phases of the Project in accordance with the schedule shown below. If unknown delays present themselves as the project proceeds through construction, the Consultant will work with the City to mutually adjust the schedule accordingly.

- | | | |
|------|-----------------------------------|---------------------------|
| I. | Basic Services of the Engineer | Not Used |
| II. | 2022 Construction Period Services | March 2022 – October 2022 |
| III. | Project Closeout and DOT Audit | October 2022 – May 2023 |

Attachment No. 3 Standard Rate Table

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC 2022 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Director	\$208.00
Project Manager	\$178.00-\$205.00
Project Engineer	\$147.00-\$196.00
Staff Engineer	\$121.00-\$146.00
Planner	\$121.00-\$194.00
Project Scientist	\$121.00-\$147.00
Technology Manager	\$173.00
Technician	\$82.00-149.00
Construction Manager	\$173.00
Land Surveyor	\$138.00-\$173.00
Project Administrator	\$80.00-\$100.00
Administrative Assistant	\$60.00

REIMBURSABLE EXPENSES

1. All materials and supplies used in the performance of work on this project will be billed at cost plus 10%.
2. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.
3. Charges for outside services such as soils and materials testing, fiscal, legal and all other direct expenses will be invoiced at cost plus 10%.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2022. Rates subject to change annually on January 1.

PROFESSIONAL CONSULTING SERVICES AMENDMENT NO. 3

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This **AMENDMENT**, made and entered into this 1st day of February, 2021, by and between the **CITY OF ANKENY IOWA**, hereinafter referred to as the "City", and **FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC.**, hereinafter referred to as the "Consultant", for professional services in connection with the Final Design and Construction Period Services for the widening of West First Street from SW Scott Street to SW Logan Street hereby amends the original AGREEMENT dated December 17, 2018, Amendment No. 1 dated May 6, 2019, and Amendment No. 2 dated June 15, 2020 as follows:

1. SCOPE OF SERVICES

Services provided under this AMENDMENT shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

1) In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I.	Basic Services of the Consultant	
A.	Final Design	\$ 49,690.00
II.	2021 Construction Period Services	
A.	Construction Administration	\$ 99,275.00
B.	Resident Engineering/Observation	\$ 281,260.00
C.	Construction Survey	\$ 61,660.00
D.	Construction Material Testing	\$ 35,000.00
	SUBTOTAL	\$ 477,195.00
	TOTAL	\$ 526,885.00

THIS AMENDMENT is subject to all provisions of the original AGREEMENT.

THIS AMENDMENT, together with the original AGREEMENT, Amendment No. 1, and Amendment No. 2 represents the entire and integrated AGREEMENT between the City and Consultant.

THIS AMENDMENT executed the day and year written above.

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC

CITY OF ANKENY, IOWA

BY: Patrick P. Kueter
Patrick P. Kueter, P.E.
Client Director

BY: Gary Lorenz
Gary Lorenz
Mayor

WITNESS

David D. Kapler
Name: David D. Kapler, P.E.
Title: Sr. Vice President

ATTEST

Denise L. Hoy
Name: Denise L. Hoy
Title: City Clerk

Attachment No. 1

Scope of Services

The project consists of reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. As part of the original base agreement, the Consultant completed the data collection, functional design, and existing storm sewer assessment. As part of Amendment No. 1, the Consultant completed the preliminary and final roadway design. As part of Amendment No. 2, the Consultant completed additional design related services primarily related to the extension of the project limits on the side streets and modification requests from property owners during the right-of-way acquisition process, the development of standalone NW Northlawn Area Sanitary Sewer Improvements and West First Street Temporary Traffic Signals projects, and the Limited Construction Period Services for the NW Northlawn Area Sanitary Sewer Improvements, West First Street Joint Utility Trench, and West First Street Temporary Traffic Signals projects. The following tasks expand the previously approved scope of services and are included as part of Amendment No. 3:

- Development of additional water main alternatives at the side street connection with West First Street. These alternatives incorporated staging requirements of the storm sewer and roadway construction tasks that required multi-staged water main installation and interim water service connections during 2021 construction and permanent connections during 2022 based on limitation to disinfect and flush newly constructed main in 2022 construction. Detailed water main staging notes were incorporated into the overall staging plan for the project.
- 2021 Construction Period Services is for Stage 1A, Stage 1B, Stage 1C, and Stage 1D.
- 2022 Construction Period Services for Stage 2, Stage 3, and project close out and final material audits will be completed under a future Contract Amendment.

The scope of services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE ENGINEER

A. FINAL DESIGN

Task 1 – Water Main Design

The Consultant prepared multiple design alternatives for the replacement of the West First Street side street water mains. Included as part of this task was identifying Stage 1 and Stage 2 water main installation and incorporating into the overall roadway staging plan, development of temporary water service connections to maintain individual property water services between 2021 and 2022 construction, and the development of a phased water main removal and permanent connection plan. This task included identifying additional pavement removals, sidewalk replacement and details to replace existing pavement to make permanent water main connections, and incorporation of water main staging notes into the overall roadway staging plan.

II. 2021 CONSTRUCTION PERIOD SERVICES

The Consultant shall consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and also to make available pertinent existing data. The Consultant shall provide the following 2021 Construction Period Services:

A. CONSTRUCTION ADMINISTRATION

Construction administration services shall consist of office based services to assist the City in implementing the construction contract for this project. The work tasks to be performed by the Consultant shall include:

Task 1 - Pre-construction Meeting

The Consultant shall conduct a pre-construction meeting after award of construction contract for the City's Contractor, subcontractors, utility companies, Senior Center contractor, Northlawn sewer contractor, and other interested parties.

Task 2 – Limited Public Information Meeting

The Consultant shall conduct one (1) informational meeting after the pre-construction meeting for the City's stakeholders along the north side of West First Street within the project limits. The stakeholders include the Fire Department, Police Department, Parks and Recreation, Ankeny City Hall, and the Ankeny Community School District.

Task 3 - Shop Drawings Submittal Reviews

The Consultant shall review shop drawings, samples, and other data which the Contractor is required to submit, but only for conformance with design concept of the Project and conformance with the information given in the Contract Documents. The Consultant shall evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor. The Consultant shall submit their comments to City staff for review and concurrence prior to submitting back to the Contractor. The Consultant shall have authority to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testing, and approvals required.

Task 4 – Engineer Site Visits

In connection with observations of the Contractor's work while it is in progress:

- a. The Consultant shall make visits to the site at intervals appropriate to the various stages of construction as the Consultant deems necessary (estimated to be two (2) site visits per month minimum, with up to one (1) weekly visit during peak construction activity periods) in order to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor's work. Based on information obtained during such visits and on such observations, the Consultant shall determine, in general, if such work is proceeding in accordance with the Plans, and the Consultant shall keep the City informed of the progress of the work.
- b. The purpose of the Consultant's visits to the site will be to enable the Consultant to better carry out their duties and responsibilities during the construction phase and, in addition, by exercise of the Consultant's efforts as an experienced and qualified design professional, to provide for the City a greater degree of confidence that the completed work of the Contractor will conform to the Plans, and that the integrity of the design concept as reflected in the Plans has been implemented and preserved by the Contractor.
- c. The Consultant shall not during such visits supervise, direct, or have control over the Contractor's work, nor shall the Consultant have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor for safety precautions and programs incident to the work or for any failure of the Contractor to comply with laws, rules, regulations, ordinances, codes, or orders applicable to the Contractor furnishing and performing their work.
- d. During such visits, the Consultant may disapprove of or reject the Contractor's work while it is in progress if the Consultant believes that such work will not produce a completed Project that conforms to the Plans, or that it will prejudice the integrity of the design concept of the Project as reflected in the Plans.

Task 5 – Progress Meetings

The Consultant shall conduct weekly progress meetings with the City, Contractor, and Utility Companies to review progress, update the project schedule, resolve conflicts, and determine any corrective actions if necessary. The Consultant shall assist the Contractor in communicating upcoming construction activities with the adjacent stakeholders and property owners. The Consultant will have two (2) representatives at each progress meeting, including the Resident Construction Observer.

Task 6 – Construction Newsletters and Graphics

The Consultant shall provide monthly construction updates or when a major traffic pattern change happens via a one (1) page construction update newsletter. The intent of the construction update newsletter will be to provide the public a general overview and status update and what to expect during the next phases of construction. A construction graphic may be developed to supplement the construction

newsletters that will identify the location of construction activities, street restrictions, how to access adjacent properties, and the overall traffic patterns during a specific stage of construction. The newsletters and graphics will be distributed by the City's communications department. Project letters intended for individual property owners along the south side of the project corridor will be drafted and distributed by the City.

Task 7 – Payment Applications and Change Order Preparation

The Consultant shall prepare contractor payment applications and issue necessary interpretations and clarifications of the Plans, and in connection therewith, prepare change orders as required. The City's standard formats will be used for payment applications and change orders.

Task 8 – Plan Changes

During construction, unknown circumstances may arise that may require modification to the original design. The Consultant will take into account field conditions and develop a formal plan change modifying the original design. The Consultant will submit plan changes to the City for approval and issue formal plan change to the Contractor for construction. The Consultant will incorporate plan changes into the final Record Documents for the project.

For estimating purposes, six (6) plan changes are assumed as part of this project in 2021.

Task 9 - Final Inspections and Project Close-Out – Future Task.

Task 10 - Record Drawings

This task consists of preparation of construction record drawings defining the actual location of improvements and fixtures completed in 2021. The Consultant shall prepare record drawings showing those changes made during 2021 construction, based on the marked-up drawings and other data furnished by the Contractor and the Resident Construction Observer.

Task 11 – Project Management

The project manager for the Consultant will be responsible for monthly progress reporting, minutes of meetings, interoffice memoranda, and invoicing. This task also includes scheduling of staff, coordinating with Sub-Consultants, review of progress, and senior review of deliverables.

Task 12 – Utility Coordination

The Consultant will coordinate with individual utility companies to coordinate on-going utility relocations. It is anticipated that there will be three (3) meetings during the 2021 construction season with representatives of the various utility companies to coordinate construction activities.

For estimating purposes, 56 hours of effort is included for private utility coordination.

The above Construction Administration Services is for the 2021 Calendar Year only and includes a maximum of 660 hours of effort. In the event the construction period exceeds the contract working day or unanticipated conditions require Construction Administration in excess of 660 hours of effort, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

B. RESIDENT ENGINEERING/OBSERVATION

Upon written authorization to proceed by the City to the Consultant, the work to be performed under this phase of the Project shall include frequent resident observation of the construction work in addition to that included under A. Construction Administration. The Consultant shall determine the amounts owing to the Contractor and recommend, in writing, payments to the Contractor in such amounts. Such recommendations of payment will constitute a representation to the City, based on such observations and review that the work progressed to the point indicated, and that to the best of the Consultant's knowledge, information, and belief, quality of such work is generally in accordance with the Plans. In the case of unit-price work, the Consultant's recommendation of payment will include final determinations of the quantities and classifications of such work.

This phase consists of coordinating field-testing of construction materials incorporated into the project with the Consultant's independent testing sub-consultant. Prepare written reports that document compliance or non-compliance of construction materials. Also included is observing the performance of construction work and advising the Contractor and the City of non-complying work or materials incorporated into the project. Also included is recording final locations of buried water main fittings by the Consultant with a centimeter-grade GPS unit prior to backfill by the Contractor.

For budget purposes, it is assumed that construction will take 145 working days and will occur between March and October in 2021 for Stage 1 construction activities. It is estimated that one full-time (48 hours/week) staff member of the Consultant will be available for a duration of thirty (30) weeks and one part-time (24 hours/week) staff member for a duration of fifteen (15) weeks.

The above Resident Engineering/Observation estimate includes a maximum of 2,375 hours of effort. In the event the Construction Period exceeds the contract working days or unanticipated conditions require Resident Engineering/Observation in excess of 2,375 hours of effort for 2021 Construction, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

C. CONSTRUCTION MATERIAL TESTING

Under this task the Consultant shall employ the services of a construction materials testing Sub-consultant to complete construction material sampling and testing for the project. It is anticipated that the majority of the materials incorporated into the project will be provided from approved Iowa DOT material suppliers. As part of the construction contract, the Contractor is responsible for the Certified Plant Inspection, therefore the construction material testing Sub-consultant shall be responsible for providing Quality Assurance testing and provide plant monitoring. Testing personnel shall have the appropriate Iowa DOT certifications.

Task 1 - Construction Material Sampling and Testing

Testing related to project construction will include, but is not limited to the following:

- a. Soil material sampling and proctors.
- b. Subgrade and subbase material sampling and material engineering properties determinations.
- c. Field densities for utility trench backfill.
- d. Field density and gradation testing of subgrade and subbase materials.
- e. Portland Cement Concrete Pavement Quality Assurance testing, including air, slump, flexural strength, and compressive strength.
- f. Asphalt Cement Concrete Pavement Testing including stability, flow, air voids, density, aggregate gradation, and asphalt content.

The frequency of material testing shall be in accordance with Iowa DOT IM-204.

The effort associated with the 2021 Construction Material Testing will be dependent on the efficiency of the Contractor and Subcontractor efforts. A Construction Material Testing allowance of \$35,000 is included for the 2021 Construction. The Consultant shall notify the City as it approaches this limit and determine the additional effort to complete 2021 Construction. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

D. CONSTRUCTION SURVEY

Upon written authorization to proceed by the City, the Consultant shall perform the following tasks as part of Construction Survey:

Task 1 - Project Control

Verify existing horizontal and vertical control as shown in the project plans and supplement with additional control points as-needed to complete the project. Reset land corners and permanent reference markers as indicated on the plans. Tie-ins with existing roadways shall be checked for correctness of alignment prior to construction staking. This task includes resetting of all property corners disturbed by construction.

Task 2 - Property Lines and Temporary Easement

Stake temporary construction easements, permanent easements, and permanent right-of-way corners at 50 foot intervals, or less if needed. These points shall be marked by placement of a metal pin or wood hub, flat, and lath at the same location as the slope stakes.

Task 3 – Sanitary Sewer and Storm Sewer

Locations and elevations shall be marked with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location, pipe number, cut/fill elevation to flow line and form grade, and offset distance to centerline of pipe.

Task 4 – Water Mains

Mark locations and elevations with metal pin or tack in a wood hub, flat, and lath. Clearly mark the flat with the station location, pipe number, cut/fill elevation, and offset distance to centerline of pipe.

Task 5 – Intakes and Utility Accesses

Locations and elevations shall be marked with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location; intake or utility access number; cut/fill elevation, including bottom of well and form grade; and offset distance to the Station Location.

Task 6 – Pavement (PCC)

- a. Elevations (graded 4' offset paving hubs) at 25 foot intervals for finished grading and paving.
- b. At intersections, graded offset hubs will be set at each end of radius, and radius points will be set where radius distance is less than 100 feet. Also graded midpoint offsets will be set on radii where curve length is greater than 40 feet.
- c. After grading and paving is complete, reset plan control points and land corner monuments.

*Note: the survey scope of services does not include blue-top staking for finished grading.

Task 7 – Sidewalk Ramps

The Contract Documents contain sheets for construction of curb ramps, turning spaces, and transitions. The Contractor will measure or stake as required to construct features. If either of the following is met, the Consultant will provide staking for that quadrant and verify slopes during finishing:

- a) Running Slope. Tolerance between design slope and maximum allowable slope is less than 1.0%
- b) Cross Slope, Turning Space Slopes (including areas adjacent to pedestrian pushbuttons). Tolerance of +/- 0.5% from design would exceed minimum or maximum allowable slope.

If adequate construction tolerances are allowed, Consultant will not provide staking for construction of sidewalk.

Task 8 – Sidewalks

Locations and elevations shall be marked with a wood hub and flat. Elevations on one side of the pavement at 50 foot intervals on straight and level sections and at 25 foot intervals on horizontal and vertical curves. The flat shall be clearly marked with the station location, cut/fill information, and offset distance to the edge of pavement.

Task 9 – Traffic Signal Major Equipment

This task includes staking the traffic signal pole and pedestrian pole locations and handhole locations. These points shall be marked by placement of a metal pin or wood hub, flat, and lath.

The above tasks include qualified personnel, equipment, and supplies required for a one-time construction staking for the project to establish the line and grade for the proposed improvements. Replacement costs of any survey stakes or marks that are destroyed or disturbed by the Contractor shall be charged to the Contractor.

Construction staking for silt fence, filter sock, surface restoration, traffic control, and other miscellaneous items are not included in this scope of services. It is assumed that the on-site construction technician for the project will provide these services where appropriate. Existing and final cross-sections for earthwork computations are also not included in the above.

The above Construction Survey estimate includes a maximum of 510 hours of effort. In the event the Construction Period exceeds the contract working days or unanticipated conditions require Construction Survey in excess of 510 hours of effort, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

Attachment No. 2

Schedule

The Consultant will complete the following phases of the Project in accordance with the schedule shown below. If unknown delays present themselves as the project proceeds through construction, the Consultant will work with the City to mutually adjust the schedule accordingly.

- | | | |
|-----|-----------------------------------|------------------------------|
| I. | Basic Services of the Engineer | July 2020 – August 2020 |
| II. | 2021 Construction Period Services | January 2021 – December 2021 |

Attachment No. 3 Standard Rate Table

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC 2021 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Director	\$202.00
Project Manager	\$173.00-\$199.00
Project Engineer	\$143.00-\$190.00
Staff Engineer	\$117.00-\$142.00
Planner	\$117.00-\$188.00
Project Scientist	\$117.00-\$143.00
Technology Manager	\$168.00
Technician	\$80.00-145.00
Construction Manager	\$168.00
Land Surveyor	\$134.00-\$168.00
Project Administrator	\$78.00-\$98.00
Administrative Assistant	\$60.00

REIMBURSABLE EXPENSES

1. All materials and supplies used in the performance of work on this project will be billed at cost plus 10%.
2. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.
3. Charges for outside services such as soils and materials testing, fiscal, legal and all other direct expenses will be invoiced at cost plus 10%.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2021. Rates subject to change annually on January 1.

PROFESSIONAL CONSULTING SERVICES AMENDMENT NO. 2

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This **AMENDMENT**, made and entered into this 15th day of June, 2020, by and between the **CITY OF ANKENY IOWA**, hereinafter referred to as the "City", and **FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC.**, hereinafter referred to as the "Consultant", for professional services in connection with the design of the widening of West First Street from SW Scott Street to SW Logan Street hereby amends the original AGREEMENT dated December 17, 2018 and Amendment #1 dated May 6, 2019, as follows:

1. SCOPE OF SERVICES

Services provided under this AMENDMENT shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Consultant	
A. Project Coordination	\$ 43,690.00
B. Design Surveys	\$ 16,900.00
C. Preliminary Design	\$ 55,280.00
D. <u>Real Estate Services</u>	\$ 5,000.00
SUBTOTAL	\$ 120,870.00
II. West First Street Joint Utility Trench	\$ 51,430.00
III. NW Northlawn Area Sanitary Sewer Improvements	\$ 28,900.00
IV. West First Street Temporary Traffic Signals	\$ 14,500.00
V. Construction Period Services	
West First Street Joint Utility Trench	
A. Construction Administration	\$ 35,580.00
B. Resident Engineering/Observation	\$ 96,830.00
C. <u>Construction Survey</u>	\$ 16,830.00
SUBTOTAL	\$ 149,240.00
NW Northlawn Area Sanitary Sewer Improvements	
A. Construction Administration	\$ 3,440.00
B. <u>Construction Survey</u>	\$ 3,430.00
SUBTOTAL	\$ 6,870.00

Foth Infrastructure & Environment, LLC
Project No. 18A039.01
Date: May 8, 2020

West First Street Widening and Improvements – Phase 1
SW Scott Street to SW Logan Street
Ankeny, Iowa

West First Street Temporary Traffic Signals	
A. Construction Administration	\$ 6,340.00
B. Construction Survey	\$ 1,240.00
SUBTOTAL	\$ 7,580.00

TOTAL \$ 379,390.00

THIS AMENDMENT is subject to all provisions of the original AGREEMENT.

THIS AMENDMENT, together with the original AGREEMENT and Amendment #1, represents the entire and integrated AGREEMENT between the City and Consultant.

THIS AMENDMENT executed the day and year written above.

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC

CITY OF ANKENY, IOWA

BY: Patrick P. Kueter
Patrick P. Kueter, P.E.
Client Director

BY: Gary Lorenz
Gary Lorenz
Mayor 6.15.20

WITNESS

David D. Kapler
Name: David D. Kapler, P.E.
Title: Sr. Vice President

ATTEST

Denise L. Hoy
Name: Denise L. Hoy
Title: City Clerk 6.15.20

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Attachment No. 1

Scope of Services

The project consists of reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. As part of the original base agreement, the Consultant completed the data collection, functional design, and existing storm sewer assessment. As part of Amendment No. 1, the Consultant completed the preliminary and final roadway design. The following tasks expand the previously approved scope of services and are included as part of Amendment No. 2:

- Extension of the project limits on NW School Street, SW School Street, NW Ash Drive, and SW Cherry Street to accommodate additional turning movements.
- Extension of the project limits on SW Maple Street to accommodate sanitary sewer service replacements for adjacent properties.
- Evaluation of existing right-of-way NW Ash Drive dedication and development of an acquisition plat north of the project limits.
- Based on comments received at the right-of-way Public Hearing, revised the West First Street horizontal alignment from SW Walnut Street to SW School Street to minimize pavement widening towards the existing residential properties south of West First Street. Included are revisions to SW Pleasant Street roadway geometry, sidewalks, pedestrian ramps, storm sewer, cross sections, parcel displays, and acquisition plats.
- Complete water main replacement at side streets and sanitary sewer service replacement and new subdrain services for all properties within the construction limits.
- Development of a standalone NW Northlawn Area Sanitary Sewer Improvements project (local letting).
- Development of a standalone West First Street Joint Utility Trench project to complete relocation efforts in advance of the roadway construction project. Expanded the joint utility trench to incorporate private utilities and allow for future expansion (local letting).
- Development of standalone West First Street Temporary Traffic Signals project in advance of the roadway construction project (local letting).
- Construction period services for the NW Northlawn Area Sanitary Sewer Improvements, West First Street Joint Utility Trench, and West First Street Temporary Traffic Signals projects.
- Separate right-of-way negotiations for Parcels 19, 20, and 21 for the West First Street Joint Utility Trench project, and the West First Street Widening and Improvements – Phase 1 project.

The scope of services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE CONSULTANT

The Consultant will consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and to make available pertinent existing data. The Consultant shall provide the following basic services in regard to the Project:

A. Project Coordination

The Consultant will complete the following project coordination activities:

Task 1 – Utility Coordination Meetings

In addition to Task 4 of Section I.A. of Amendment 1, the Consultant will attend two (2) additional meetings with each utility company that will utilize the joint utility trench. The additional eight (8) meetings will be used to coordinate additional requirements of the City's joint utility trench project, which includes handhole locations, construction scheduling, and other accommodations not typical of private utility coordination.

Task 2 – Property Acquisition Exhibit Preparation

In addition to Task 7 of Section I.A. of Amendment 1, the Consultant will provide two (2) exhibits for Parcels 19, 20, and 21 to delineate the proposed property acquisition needs for the City's joint utility trench project and MidAmerican Energy's electric relocation project.

Task 3 – Individual Parcel Exhibits

In addition to Task 8 of Section I.A. of Amendment 1, the Consultant will prepare three (3) individual property acquisition exhibits for Parcels 19, 20, and 21 needed for the City's joint utility trench project and MidAmerican Energy's electric relocation project.

Task 4 – Project Management (9 mos. for February 2020 – November 2020)

In addition to Task 9 of Section I.A. of Amendment 1, the project manager for the Consultant will be responsible for an additional nine (9) months of coordination with the City. The City rescheduled the West First Street Widening and Improvements – Phase 1 project letting date from February 2020 to November 2020.

B. Design Surveys

In addition to the tasks of Section I.B. of Amendment 1, the Consultant will perform field and office tasks required to collect additional topographic information deemed necessary to complete the project. The specific supplemental survey tasks to be performed include the following:

Task 1 – Right-of-Way Survey, NW Ash Drive

Through the initial title and survey research of NW Ash Drive within the project limits, it was determined that the existing roadway corridor did not have any right-of-way dedicated as part of the original corridor development. The Consultant will perform additional right-of-way research to locate adjacent section and subdivision lines and will re-establish the centerline of the existing NW Ash Drive. The Consultant will utilize the existing record plans to set an official right-of-way width on the corridor that will be used to prepare an acquisition plat to dedicate the fee-title right-of-way.

Task 2 - Preparation of Acquisition Plats and Legal Descriptions

In addition to the number of documents described in Task 2 of Section I.B. on Amendment No. 1, the Consultant will prepare the following additional acquisition plats and legal descriptions for NW Ash Drive, the City's joint utility trench project, and MidAmerican Energy's electric relocation project:

Permanent (Fee Title) Right-of-Way Acquisition Plats (FE) = 2 each
Permanent (Sidewalk, Utility, Electric) Easements (PE) = 3 each
Temporary Construction Easements (TE) = Not needed. City will utilize Parcel Exhibits.

Task 3 – Expand Topographic Survey Limits

The Consultant expanded the topographic surveys completed as part of the Task 2 of Section I.B. of the Original Agreement required for the development of the additional design for SW Cherry Street, NW Ash Drive, and NW School Street. The project design modified the intersection lane configuration to incorporate additional turn lanes in both directions. The updated lane configuration extended beyond the project limits assumed in the original Agreement.

Included as part of this task is the updating of the project base maps and topographical surfaces.

C. Modifications to Preliminary Design

The Consultant will perform preliminary design services with the primary focus on geometric plans and profiles, existing and proposed utility locations, and right-of-way requirements. Incorporate potential elements that may affect the corridor improvements, including property impacts, construction staging, and traffic control operations. The preparation of preliminary design plans depicting the proposed grading, drainage, paving, signing, utility relocation, and other features of the project.

The work to be performed by the Consultant under the Preliminary Design phase will consist of the following tasks:

Task 1 - Roadway Geometrics Modifications, SW Cherry Street & NW Ash Drive

In addition to Task 1 of Section I.C. of Amendment 1, the Consultant will modify the overall intersection lane configuration to incorporate right turn lanes in both the northbound and southbound directions. The updated lane configuration extended beyond the project limits assumed in the original Agreement. Return geometry, pedestrian facilities, and traffic signal equipment locations will also be updated to accommodate revised lane geometry.

Task 2 – Vertical Profile Modifications, NW School Street and SW Maple Street

The Consultant extended the limits of reconstruction of NW School Street beyond what was assumed in the Original Agreement and revised the vertical profile to accommodate additional pavement reconstruction. The revision will include design of one (1) additional commercial driveway on Parcel 20 and adjacent pedestrian facilities to comply with ADA requirements.

Task 3 – Sanitary Sewer Service Relocation Design

In addition to Task 5 of Section I.C. of Amendment 1, the Consultant will complete the design and plan preparation for relocation of three (3) sanitary sewer services. One for the Parkview Middle School at the intersection of W First Street and SW Pleasant Street, and one for Parcel 20 at the intersection of W First Street and SW School Street.

As part of this task, sanitary sewer services replacement for all residential properties within the project limits will be incorporated into the project plan set.

Task 4 – Retaining Wall and Concrete Steps Design

This task includes the design and detailing of combined sidewalk and retaining walls with wall heights less than 5-feet. It is anticipated that there will three (3) locations along the south side of West First Street and one (1) location along the west side of NW Ash Drive. This task also includes the design and detailing of concrete steps with handrail for one location in the southwest corner of West First Street and SW Pleasant Street.

D. Real Estate Services (JCG Land Services, Inc.)

In addition to the tasks of Section I.F. of Amendment 1, the Sub-Consultant will prepare three (3) additional compensation estimates; provide additional negotiation/acquisitions for Parcels 19, 20, and 21; and perform closings for Parcels 19, 20, and 21. The additional tasks are associated with the right-of-way acquisition needed for the City's joint utility trench project and MidAmerican Energy's electric relocation project.

II. WEST FIRST STREET JOINT UTILITY TRENCH

In addition to the tasks of Section II of Amendment 1, the Consultant will develop a typical cross section and plan and profile sheets required for the relocation of private telecommunication utilities into a joint utility trench. Included as part of this task is coordination with the existing traffic signals, the proposed temporary traffic signals, and the future permanent traffic signals, and the development and placement of handhole banks for future access to conduits. The proposed joint utility trench consists of the installation of multiple conduits to accommodate telecommunications within a common trench along the following street corridor:

Joint Trench Installation – West First Street from SW Scott Street to Ankeny Blvd (2,700-ft). Includes the following conduits:

- One 2-inch conduit for the City
- One 2-inch conduit for the School
- One 2-inch conduit for Windstream
- One 2-inch conduit for UPN
- Two 2-inch conduits for Mediacom
- One 2-inch conduit for Aureon
- Three 2-inch conduits for future use

Other Installations

- New handholes for private telecommunication companies along West First Street between SW Scott Street and Ankeny Blvd
- New handholes for future use along West First Street between SW Scott Street and Ankeny Blvd

A. Project Coordination

Task 1 – Utility Coordination Meetings – Included in Task 3 of Section I.A.

Task 2 – Project Management – Included in Task 5 of Section I.A.

B. Conceptual Design

The Consultant completed an assessment of the existing City and School fiber optic systems and developed a master plan for the improvements as part of Amendment 1. Additional work performed by the Consultant under Conceptual Design shall consist of the following tasks:

Task 1 – Develop Typical Sections for the Joint Utility Trench

This task consists of development of multiple duct trench cross sections using information from the City, School, and private utility companies.

C. Preliminary Design

In addition to the tasks of Section II.C. of Amendment 1, the Consultant will perform preliminary design services in the preparation of design plans and specifications depicting the proposed joint utility trench and other features of the project. The preliminary plans will include but not be limited to the following tasks:

Task 1 – Preliminary Profile Design Development

This task consists of preparation of preliminary location plans for the utility trench. The primary focus will be on trench location and elevations necessary to minimize conflicts of existing and proposed utilities and roadway elements. The plans will show existing base mapping features including right-of-way lines and public utilities.

Task 2 – Preliminary Plan Preparation

Additional plan preparation not covered by Amendment 1 includes:

Preliminary Utility Trench Plan and Profiles (D Sheets)

This task consists of the development of preliminary joint utility trench plan and profiles.

D. Final Design

In addition to the tasks of Section II.D. of Amendment 1, the Consultant will perform final design services in the preparation of contract drawings, specifications, and opinion of probable construction cost for the award of a single Contract for the construction of the proposed improvements. The work tasks to be performed include the following:

Task 1 - Final Construction Plans

Additional plan preparation not covered by Amendment 1 includes:

Final Utility Trench Plan and Profiles (D Sheets) - This item consists of the final design and drafting of the joint utility trench plan and profile sheets, including detailed information required for plan approvals, permitting, and construction of the proposed improvements. This task also consists of the final design and drafting for the removals and adjustments of features impacted by the utility trench construction.

Final Survey Sheets (G Sheets) – This task consists of assembling reference ties to the plan control points and the benchmark data used to develop the plans and to be preserved throughout construction of the project.

Final Right-of-Way Sheets (H Sheets) - This item consists of the final plan for right-of-way and easements needed for the construction of the City's joint utility trench project and MidAmerican's electric relocation project.

Final Detour Routes (J Sheets) – This item consists of the final plan for detour routes needed for the temporary closures of NW Ash Drive and NW School Street.

III. NW NORTHLAWN AREA SANITARY SEWER IMPROVEMENTS

The project consists of the extension of 315 linear feet of 8-inch trenchless sanitary sewer with casing pipe from approximately 100 feet west of SW Maple Street to approximately 100 feet east of SW Scott Street on the north side of West First Street. The project includes the following tasks:

A. Project Coordination

Task 1 – Project Development Meetings

The Consultant will maintain communications with the City and others to review progress and discuss specific elements of the project design and receive direction from the City. The meetings will serve to establish project schedules, develop project goals, establish initial design parameters, promote a dialog between the various entities, improve the decision-making process, and expedite design development. Prepare minutes of meetings and keep documentation of other communications. For budget purposes, it is assumed that the meetings will be attended by one (1) staff member(s) of the Consultant. The following meetings are included with the scope of work:

Preliminary Design Phase – one (1) meeting

Final Plan Phase – one (1) meeting

Task 2 – Utility Coordination Meetings – Included in the Basic Services of the Consultant in Amendment 1.

Task 3 – Project Management – Included in Task 5 of Section 1.A.

B. Conceptual Design

The Consultant will complete an assessment of the existing sanitary sewer system in order to develop a concept plan for the improvements. The work to be performed by the Consultant under Conceptual Design shall consist of the following tasks:

Task 1 – Data Collection – Included in the Basic Services of the Consultant in Amendment 1.

Task 2 – Review of Existing Sewer System – Included in the Basic Services of the Consultant in Amendment 1.

Task 3 – Develop Alignments for the Sanitary Sewer Extension

This task consists of development of sanitary sewer alignment using the project base map. The alignment will be developed based on the needs stated by the City. The conceptual design will incorporate potential elements that may affect the sewer path including property impacts. The conceptual design will be used as a reference in preparing preliminary and final plans. The City will review the conceptual design. Suggested revisions or design modifications would be addressed in the preliminary design phase.

Task 4 – Project Utility Review - Included in the Basic Services of the Consultant in Amendment 1.

C. Preliminary Design

The Consultant will perform preliminary design services in the preparation of design plans and specifications depicting the proposed sanitary sewer extension and other features of the project. The preliminary plans will include but not be limited to the following tasks:

Task 1 – Preliminary Design Development

This task consists of preparation of preliminary plans for the sanitary sewer extension. The primary focus will be on sewer location and elevations necessary to service the NW Northlawn area. The plans will show existing base mapping features including right-of-way lines and public utilities.

Task 2 – Preliminary Plan Preparation

Upon completion of the preliminary plans, the design plans will be approximately 60 percent complete. The work to be performed by the Consultant under Preliminary Design shall consist of the following tasks:

Title and General Information Sheets (A Sheets)

This task consists of assembling the preliminary title and general information sheets. The preliminary title sheets will include the following: Index of Sheets, Legend, Location Map, and Project Number.

Preliminary Typical Details (B Sheets)

This task consists of assembling the typical details to be used for the proposed improvements.

Preliminary Sanitary Sewer Plan and Profiles (MSA Sheets)

This task consists of the development of preliminary sanitary sewer plan and profiles. The Consultant anticipates using SUDAS Standard Specifications and the City's Supplemental Specifications.

Task 3 – Budget Review

The Consultant shall prepare a preliminary opinion of probable construction cost for the project and compare the cost to the City's current Project budget. The Consultant shall, if necessary, make recommendations pertaining to modifications in the Project in order to address budgetary concerns. Preliminary cost estimates shall be based on representative major project elements and recent bid information. Detailed quantity takeoffs will not be developed for the preliminary cost estimate.

Task 4 – Quality Control

Involve ongoing quality control input from the City and the Consultant's senior technical staff throughout the development of preliminary plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the preliminary plan set to the City.

Review the preliminary engineering plan set for technical accuracy, as well as for general constructability and conformance with the project design criteria.

D. Final Design

Based upon approved preliminary design and field review, the Consultant shall subsequently proceed with final design, contract drawings, specifications, and opinion of probable construction cost for the award of a single Contract for the construction of the proposed improvements. The work tasks to be performed include the following:

Task 1 – Incorporate Comments from Preliminary Plan Review

The Consultant will respond to comments resulting from the preliminary plan review and field review. Recommended modifications will be incorporated into the plan set. The Consultant will revise preliminary construction plans and special provisions to incorporate City and utility company comments.

Task 2 - Final Construction Plans

The Consultant shall provide the City with the following deliverables:

Final Title Sheets (A Sheets) - This item consists of finalizing the title sheet. The title sheets will include the following: Index of Sheets, Index of Standard Road Plans, Legend, Location Map, Project Number, Letting Date, and Design Designation.

Final Special Details (B Sheets) - This item consists of final design and drafting of special details to be utilized for the improvements.

Final Quantities (C Sheets) - This item consists of final bid items to be included in the Project, as well as final quantity tabulations, and the development of the general notes and estimate reference information.

Final Survey Sheets (G Sheets) – This task consists of assembling reference ties to the plan control points and the benchmark data used to develop the plans and to be preserved throughout construction of the project.

Final Traffic Control and Staging (J Sheets) - This item consists of the final plan for construction scheduling and staging of the Project and for final traffic control measures to be implemented during construction.

Final Plan and Profiles (MSA Sheets) - This item consists of the final design and drafting of the sanitary sewer plan and profile sheets, including the detail information required for plan approvals, permitting, and construction of the proposed improvements. This task also consists of the final design and drafting for the removals and adjustments of features impacted by the sewer construction.

Final Erosion Control and Surface Restoration (RR Sheets) - This item includes the final design and drafting of erosion control measures and surface restoration to be provided on the Project.

Task 3 - Project Manual

This task consists of preparation of a Project Manual utilizing the standard City front-end documents. The SUDAS Standard Specifications shall also be utilized for this project.

Task 4 - Opinion of Probable Construction Cost

An updated Opinion of Probable Construction Cost shall be prepared at the time of completion of the plans and specifications. The Opinion of Probable Construction Cost is intended for the use of the City in financing the Project.

Task 5 - Quality Control

Involve ongoing quality control input from the City and the Consultant's senior technical staff throughout the development of final plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the final plan set to the City.

E. Project Bidding

The Consultant will coordinate and manage the letting process for the project. For estimating purposes, one (1) letting has been included as part of this Agreement. The work tasks to be performed or coordinated by the Consultant shall include the following:

Task 1 - Printing of Plans and Specifications

This task consists of printing and handling of the Plans and Specifications. For budget purposes it is estimated that ten (10) half-size (11"x17") plan sets and specifications will be duplicated and assembled by the Consultant. Five (5) sets will be provided to the City and five (5) sets will be provided to the Contractor. This task also includes dissemination of the contract documents utilizing the QuestCDN system and maintaining a plan holders list during the bidding phase.

Task 2 - Notice of Project

The Consultant shall prepare the formal Notice to Bidders and Notice of Public Hearing. The City shall handle publication and posting. The Consultant shall send a contractor invitation to potential bidders via email.

Task 3 - Plan Clarification and Addenda

The Consultant shall be available to answer questions from contractors prior to the letting and shall issue addenda as appropriate to interpret, clarify, or expend the bidding documents.

Task 4 - Letting, Bid Tabs, and Award Recommendation

The Consultant shall have a representative present when the bids are opened, shall make tabulations of bid for the City, shall advise the City on the responsiveness of the bidders, and assist the City in making the award of contract, including preparation of necessary contract documents.

IV. WEST FIRST STREET TEMPORARY TRAFFIC SIGNALS

In addition to tasks included in Amendment 1, the Consultant will perform design services for a project consisting of the installation of temporary traffic signals at the intersection of West First Street and NW Ash Drive/SW Cherry Street and at the intersection of West First Street and School Street in advance of the roadway project. The City will provide the controllers, the controller cabinets, and all signal heads for the project.

A. Preliminary Design

The Consultant will perform preliminary design services in the preparation of design plans and specifications depicting the proposed temporary traffic signals and other features of the project. The preliminary plans will include but not be limited to the following tasks:

Task 1 – Preliminary Plan Preparation

In addition to Task 11 of Section I.C. of Amendment 1, the Consultant will perform the following preliminary design services in the preparation of design plans. Upon completion of the preliminary plans, the design plans will be approximately 60 percent complete.

Title and General Information Sheets (A Sheets)

This task consists of assembling the preliminary title and general information sheets. The preliminary title sheets will include the following: Index of Sheets, Legend, Location Map, and Project Number.

Preliminary Traffic Signals (N Sheets)

This task consists of the development of preliminary temporary traffic signal improvements. The preliminary plans will include signal pole placement and other general layout information. This task also includes gathering information on the type of equipment to be used for the project using available design standards of the City and the Manual on Uniform Traffic Control Devices (MUTCD).

Task 2 – Budget Review – Included in the Basic Services of the Consultant in Amendment 1.

Task 3 – Quality Control

Involve ongoing quality control input from the City and the Consultant's senior technical staff throughout the development of preliminary plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the preliminary plan set to the City.

Review the preliminary engineering plan set for technical accuracy, as well as for general constructability and conformance with the project design criteria.

B. Final Design

In addition to Task 11 of Section I.C. of Amendment 1, the Consultant will perform the following final design services in the preparation of contract drawings, specifications, and opinion of probable construction cost for the award of a single Contract for the construction of the proposed improvements. The work tasks to be performed include the following:

Task 1 – Incorporate Comments from Preliminary Plan Review

The Consultant will respond to comments resulting from the preliminary plan review and field review. Recommended modifications will be incorporated into the plan set. The Consultant will revise preliminary construction plans and special provisions to incorporate City and utility company comments.

Task 2 - Final Construction Plans

The Consultant shall provide the City with the following deliverables:

Final Title Sheets (A Sheets) - This item consists of finalizing the title sheet. The title sheets will include the following: Index of Sheets, Index of Standard Road Plans, Legend, Location Map, Project Number, Letting Date, and Design Designation

Final Quantities (C Sheets) - This item consists of final bid items to be included in the Project, as well as final quantity tabulations, and the development of the general notes and estimate reference information.

Final Survey Sheets (G Sheets) – This task consists of assembling reference ties to the plan control points and the benchmark data used to develop the plans and to be preserved throughout construction of the project.

Final Traffic Staging (J Sheets) - This item consists of the final plan for construction scheduling and staging of the roadway project.

Final Traffic Signal Sheets (N Sheets) - This item consists of the final design and drafting of temporary traffic signals. Included in this task will be the signal layout plans, wiring diagrams, major equipment, poles, signal heads, quantities, special provisions, fiber optic interconnect to support both temporary and permanent traffic signal locations, and other elements of the traffic signal installations, as necessary, to accommodate the roadway design, and proposed phasing and operation of traffic signals.

Task 3 - Project Manual

The task consists of preparation of a Project Manual utilizing the standard City front-end documents. The SUDAS Standard Specifications shall also be utilized for this project.

Task 4 - Opinion of Probable Construction Cost

An updated Opinion of Probable Construction Cost shall be prepared at the time of completion of the plans and specifications. The Opinion of Probable Construction Cost is intended for the use of the City in financing the Project.

Task 5 - Quality Control

Involve ongoing quality control input from the City and the Consultant's senior technical staff throughout the development of final plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the final plan set to the City.

C. Project Bidding

The Consultant will coordinate and manage the letting process for the project. For estimating purposes, one (1) letting has been included as part of this Agreement. The work tasks to be performed or coordinated by the Consultant shall include the following:

Task 1 - Printing of Plans and Specifications

This task consists of printing and handling of the Plans and Specifications. For budget purposes it is estimated that ten (10) half-size (11"x17") plan sets and specifications will be duplicated and assembled by the Consultant. Five (5) sets will be provided to the City and five (5) sets will be provided to the Contractor. This task also includes dissemination of the contract documents utilizing the QuestCDN system and maintaining a plan holders list during the bidding phase.

Task 2 - Notice of Project

The Consultant shall prepare the formal Notice to Bidders. The City shall handle posting. The Consultant shall send a contractor invitation to potential bidders via email.

Task 3 - Plan Clarification and Addenda

The Consultant shall be available to answer questions from contractors prior to the letting and shall issue addenda as appropriate to interpret, clarify, or expand the bidding documents.

Task 4 - Letting, Bid Tabs, and Award Recommendation

The Consultant shall receive the semi-formal bids via email, shall make tabulations of bid for the City, shall advise the City on the responsiveness of the bidders, and assist the City in making the award of contract, including preparation of necessary contract documents.

V. CONSTRUCTION PERIOD SERVICES

The work tasks to be performed or coordinated by the Consultant during the Construction Period Services shall include the following tasks for the NW Northlawn Area Sanitary Sewer Improvements project, the West First Street Joint Utility Trench project, and the West First Street Temporary Traffic Signals project.

A. Construction Administration

Construction administration services shall consist of office based services to assist the City in implementing the construction contract for this project. The work tasks to be performed by the Consultant shall include:

Task 1 - Pre-construction Meeting

The Consultant shall conduct a pre-construction meeting after award of construction contract for the City's Contractor, subcontractors, utility companies, and other interested parties.

Task 1 is included for all three (3) projects.

Task 2 - Shop Drawings Submittal Reviews

The Consultant shall review shop drawings, samples, and other data the Contractor is required to submit, but only for conformance with design concept of the Project and conformance with the information given in the contract documents. The Consultant shall evaluate and determine the acceptability of substitute materials and equipment proposed by the Contractor. The Consultant shall have authority to require special inspection or testing of the work, and shall receive and review all certificates of inspections, testing, and approvals required.

Task 2 is included for all three (3) projects.

Task 3 – Site Visits

In connection with observations of the Contractor's work while it is in progress:

- a. The Consultant shall make visits to the site at intervals appropriate to the various stages of construction as the Consultant deems necessary (estimated to be one (1) site visit per month minimum, with up to weekly visits during peak construction activity periods) in order to observe as an experienced and qualified design professional the progress and quality of the various aspects of the Contractor's work. Based on information obtained during such visits and on such observations, the Consultant shall determine, in general, if such work is proceeding in accordance with the Plans, and the Consultant shall keep the City informed of the progress of the work.
- b. The purpose of the Consultant's visits to the site will be to enable the Consultant to better carry out his duties and responsibilities during the construction phase and, in addition, by exercise of the Consultant's efforts as an experienced and qualified design professional, to provide for the City a greater degree of confidence that the completed work of the Contractor will conform to the Plans, and that the integrity of the design concept as reflected in the Plans has been implemented and preserved by the Contractor.
- c. The Consultant shall not during such visits supervise, direct, or have control over the Contractor's work, nor shall the Consultant have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor for safety precautions and programs incident to the work or for any failure of the Contractor to

comply with laws, rules, regulations, ordinances, codes, or orders applicable to the Contractor furnishing and performing his work.

- d. During such visits, the Consultant may disapprove of or reject the Contractor's work while it is in progress if the Consultant believes that such work will not produce a completed Project that conforms to the Plans, or that it will prejudice the integrity of the design concept of the Project as reflected in the Plans.

For estimating purposes, the number of site visits for each project is as follows:

NW Northlawn Area Sanitary Sewer Improvements – six (6) visits
West First Street Joint Utility Trench – sixteen (16) visits
West First Street Temporary Traffic Signals – three (3) visits

Task 4 – Weekly Progress Meetings

The Consultant shall conduct weekly progress meetings with the City, Contractor, and Utility Companies to review progress, update the project schedule, resolve conflicts, and determine any corrective actions if necessary. The Consultant shall assist the Contractor in communicating upcoming construction activities with the adjacent businesses and property owners. For estimating purposes, the number of meetings for each project is as follows:

NW Northlawn Area Sanitary Sewer Improvements – City Task
West First Street Joint Utility Trench – Twenty-four (24) meetings
West First Street Temporary Traffic Signals – City Task

Task 5 – Pay Requests and Change Order Preparation

The Consultant shall prepare contractor pay requests and issue necessary interpretations and clarifications of the Plans, and in connection therewith, prepare change orders as required.

Task 5 is included for the West First Street Joint Utility Trench project only. The City will perform this task for the NW Northlawn Area Sanitary Sewer Improvements project and the West First Street Temporary Traffic Signals project.

Task 6 - Final Inspections and Project Close-Out

The Consultant shall conduct an inspection in the company of the City to determine if the work is substantially complete and a final inspection to determine if the completed work is acceptable. The Consultant may recommend, in writing, final payment to the Contractor and may give written notice to the City and the Contractor that the work is acceptable. This task will also include assembling final project documentation and certifications.

Task 6 is included for all three (3) projects.

Task 7 - Record Drawings

This task consists of preparation of construction record drawings defining the actual location of improvements and fixtures. The Consultant shall prepare record drawings showing those changes made during construction, based on the marked-up drawings and other data furnished by the Contractor and the Resident Construction Observer. The Consultant shall provide the City with one (1) reproducible copy of the record drawings in both paper and PDF format. The Consultant shall also provide the City with a tabular text file containing XYZ data as identified in the City's Pre-Construction and Post-Construction Submittal Requirements.

Task 7 is included for all three projects.

Beyond the potential for a minor amount of above-ground temporary traffic signal work in early 2021, the above Construction Administration Services is for 2020 Calendar Year only and includes a maximum number of hours of effort as listed below. In the event the construction period exceeds the contract working day or unanticipated conditions require Construction Administration in excess of the

hours of effort, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort. The maximum number of hours of effort are:

NW Northlawn Area Sanitary Sewer Improvements – 32 hours
West First Street Joint Utility Trench – 120 hours
West First Street Temporary Traffic Signals – 24 hours

B. Resident Engineering/Observation – West First Street Joint Utility Trench

The work to be performed under this phase of the Project shall include frequent resident observation of the construction work in addition to that included under Construction Administration. The Consultant shall determine the amounts owing to the Contractor and recommend, in writing, payments to the Contractor in such amounts. Such recommendations of payment will constitute a representation to the City, based on such observations and review that the work progressed to the point indicated, and that to the best of the Consultant's knowledge, information, and belief, quality of such work is generally in accordance with the Plans. In the case of unit-price work, the Consultant's recommendation of payment will include final determinations of the quantities and classifications of such work.

This phase consists of coordinating field-testing of construction materials incorporated into the project with the Contractor's independent testing consultant. Prepare written reports that document compliance or non-compliance of construction materials. Also included is observing the performance of construction work and advising the Contractor and the City of non-complying work or materials incorporated into the project. The Consultant will also record survey data on installed underground utilities as allowed by the Contractor's schedule.

For budget purposes, it is assumed that one full-time staff member from the Consultant will be available for 14 weeks from April through June 2020, and one part-time staff member from the Consultant available ¼ time for 13 weeks from July through September 2020 for the Resident Engineering/Observation services on this project.

The above Resident Engineering/Observation estimate includes a maximum of 870 hours of effort. In the event the Construction Period exceeds the contract calendar days or unanticipated conditions require Resident Engineering/Observation in excess of 870 hours of effort for 2020 and potentially a minor amount of effort associated with above-ground temporary traffic signal work in early 2021, the Consultant shall notify the City as it approaches this limit and determine the additional effort to complete the project. The Consultant and City shall work to develop a mutual resolution for the remaining effort.

C. Construction Survey

Construction Survey shall only be completed upon written authorization to proceed by the City and consist of the following tasks to be performed by the Consultant:

Task 1 - Project Control

- a. Verify existing horizontal and vertical control as shown in the project plans and supplement with additional control points as-needed to complete the project.
- b. Reset land corners and permanent reference markers as indicated on the plans.
- c. Tie-ins with existing roadways shall be checked for correctness of alignment prior to construction staking.
- d. This task does not include resetting all property corners disturbed by construction.

Project control will be verified once for all three (3) projects.

Task 2 - Property Lines and Temporary Easement

Stake temporary easements, permanent right-of-way corners at 50-foot intervals, or less if needed. These points shall be marked by placement of a metal pin or wood hub, flat, and lath.

Task 2 is included for all three (3) projects

Task 3 - Grading – Task not used.

Task 4 - Sanitary Sewer

Mark locations and elevations of centerline pipes with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location, pipe number, cut/fill elevation to flow line and form grade, and offset distance to centerline of pipe. It is estimated that the project contains the following approximate quantities:

NW Northlawn Area Sanitary Sewer Improvements
Sanitary Sewer Pipe 315 LF

Task 5 - Water Mains – Task not used.

Task 6 - Intakes and Utility Accesses

Mark locations and elevations of intakes, utility accesses, bends, and clean outs with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location; intake or utility access number; cut/fill elevation, including bottom of well and form grade; and offset distance to the station location. It is estimated that the following approximate quantities are included:

NW Northlawn Area Sanitary Sewer Improvements
Utility Accesses – two (2) EA

West First Street Joint Utility Trench
Subdrain Cleanouts – two (2) EA

Task 7 – Joint Utility Trench and Handholes

Mark locations and elevations of centerline trench with metal pin or tack in a wood hub, flat, and lath at grade breaks, points of horizontal deflection, and 50-foot intervals in between. The flat shall be clearly marked with the station location, cut elevation to bottom of trench, and offset distance to centerline of trench. Mark locations and elevations of handholes with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location; handhole number; cut/fill elevation, including finished grade; and offset distance to the station location. It is estimated that the project contains the following approximate quantities:

West First Street Joint Utility Trench
Trench Stakes – 85 EA
Handholes – 47 EA

Task 8 - Pavement (PCC) - West First Street Joint Utility Trench

- a. Stake limits of existing pavement removal.
- b. At intersections and entrances, graded offset hubs will be set at each end of radius, and radius points will be set where radius distance is less than 100 feet. Also, graded midpoint offsets will be set on radii where curve length is greater than 40 feet. Intersections include NW Ash Drive and NW School Street. Entrances include approximately five (5) locations.
- c. Sidewalks and trails will be staked with graded offset hubs at 25-ft increments, major breaks, and pedestrian ramp locations. Pedestrian ramp locations include approximately one (1) location at NW School Street.

Task 9 – Temporary Traffic Signals

Mark locations of the temporary traffic signal poles, handholes, and cabinets with metal pin or tack in a wood hub, flat, and lath. The flat shall be clearly marked with the station location and cut/fill elevation to finished elevation. It is estimated that the project contains the following approximate quantities:

Traffic Signal Poles – Eight (8) EA
Handholes – Two (2) EA
Cabinets – Two (2) EA
Pushbutton Poles – Eight (8) EA

PROJECT DELIVERABLES

The scope of services shall be considered complete upon completion and delivery of the following items to the satisfaction of the City:

1. Preliminary Plans and Preliminary Opinion of Probable Construction Costs for:
 - NW Northlawn Area Sanitary Sewer Improvements
 - West First Street Joint Utility Trench
 - West First Street Temporary Traffic Signals
2. Project Information Displays in PDF format for the West First Street Joint Utility Trench and MidAmerican Energy electric relocation project
3. Acquisition Plats, Permanent Utility Easements, and Legal Descriptions
4. Five (5) paper sets of the original Final Construction drawings (half-size 11"x17") for:
 - NW Northlawn Area Sanitary Sewer Improvements
 - West First Street Joint Utility Trench
 - West First Street Temporary Traffic Signals
5. Electronic copy in PDF format of the original electronic signed final drawings (half-size 11"x17") that includes special provisions and engineer's final opinion of probable cost for:
 - NW Northlawn Area Sanitary Sewer Improvements
 - West First Street Joint Utility Trench
 - West First Street Temporary Traffic Signals
6. Paper and electronic record drawing documents as outlined in the City's Pre-Construction and Post-Construction Submittal Requirements.

ADDITIONAL SERVICES:

Additional Services are **not** included in this Agreement. If authorized under a Supplemental Agreement the Consultant shall furnish or obtain from others the following services:

1. Eminent Domain proceedings
2. Coordinated Traffic Signal Timing Plans
3. Custom Structural/Retaining Wall Design
4. Special Geotechnical Considerations
5. Subsurface Utility Investigations outside the proposed traffic signal pole locations
6. Temporary Construction Easements and Descriptions
7. Construction Period Services – West First Street Widening and Improvement – Phase 1

CITY'S RESPONSIBILITIES:

The City shall provide the following:

1. Provide existing utility plans and studies.
2. Provide existing street and utility plans/record drawings and utility maps for the project area.
3. Provide televising of existing storm sewer and existing sanitary sewer as needed.
4. Complete Temporary Construction Easements and Descriptions.
5. Construction Administration and Resident Observation for the NW Northlawn Area Sanitary Sewer Improvements project and the West First Street Temporary Traffic Signals project.

Attachment No. 2 Schedule

The schedule outlined in Amendment No. 1 is revised based on the City's desires to delay the West First Street Widening and Improvements – Phase 1 letting from February 18, 2020 to November 17, 2020. The Consultant will complete the following phases of the Project in accordance with the revised schedule shown below. If unknown delays present themselves as the project proceeds through final design to letting, the Consultant will work with the City to mutually adjust the schedule accordingly.

West First Street Widening and Improvements – Phase 1 Submittal Dates

Preliminary Plan Design	May 2019 – March 2020
Project Information Meeting	March 2020
Acquisition Plat Preparation	February 2020 – April 2020
Property Acquisitions	May 2020 – July 2020
Final Design & Plan Preparation	April 2020 – July 2020
Check Plan Submittal for City Review	July 7, 2020
Final Plan Submittal for City Review	August 4, 2020
Private Utility Relocations	August 2020 – March 2021

Iowa Department of Transportation – Project Development Submittal Dates

Preliminary Plan Submittal, Major (Optional)	May 12, 2020
Check Plan Submittal	July 7, 2020
Final Plans and Project Development Certificate	August 18, 2020
Contracts Turn-in	September 1, 2020
Project Letting (Iowa DOT)	November 17, 2020

West First Street Joint Utility Trench Submittal Dates

Preliminary Plan Design	May 2019 – October 2019
Final Design & Plan Preparation	November 2019 – December 2019
Project Letting (Local)	February 2020
Construction Services	April 2020 – October 2020

NW Northlawn Area Sanitary Sewer Improvements Submittal Dates

Preliminary Plan Design	September 2019 – October 2019
Final Design & Plan Preparation	October 2019 – November 2019
Project Letting (Local)	December 2019
Construction Services	March 2020 – April 2020

West First Street Temporary Traffic Signals Submittal Dates

Preliminary Plan Design	January 2020 – March 2020
Final Design & Plan Preparation	April 2020 – May 2020
Project Letting (Local)	June 25, 2020
Construction Services	August 2020 – November 2020

Attachment No. 3
Standard Rate Table

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC
2020 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Director	\$202.00
Project Manager	\$169.00-\$197.00
Project Scientist	\$117.00-\$143.00
Project Engineer	\$142.00-\$188.00
Staff Engineer	\$115.00-\$140.00
Planner	\$115.00-\$188.00
Technology Manager	\$164.00
Technician	\$80.00-\$142.00
Construction Manager	\$164.00
Land Surveyor	\$132.00-\$168.00
Project Administrator	\$78.00-\$98.00
Administrative Assistant	\$60.00

REIMBURSABLE EXPENSES

1. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2020. Rates subject to change annually on January 1.

PROFESSIONAL CONSULTING SERVICES AMENDMENT NO. 1

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This **AMENDMENT**, made and entered into this 6th day of May, 2019, by and between the **CITY OF ANKENY IOWA**, hereinafter referred to as the "City", and **FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC.**, hereinafter referred to as the "Consultant", for professional services in connection with the complete design hereby amends the original Agreement dated December 17, 2018, as follows:

The City and Consultant agree to amend the original Agreement to include the following tasks:

1. SCOPE OF SERVICES

Services provided under this AMENDMENT shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Consultant	
A. Project Coordination	\$ 49,870.00
B. Design Surveys	\$ 88,500.00
C. Preliminary Design	\$ 237,115.00
D. Pre-Final (Check) Design and Plan Preparation	\$ 151,615.00
E. Final Plans	\$ 24,575.00
F. Real Estate Services	\$ 83,095.00
G. Geotechnical Services	\$ 21,120.00
II. West First Street Fiber Optic System Relocation	
A. Project Coordination	\$ 6,300.00
B. Conceptual Design	\$ 4,010.00
C. Preliminary Design	\$ 20,320.00
D. Final Design	\$ 18,180.00
E. Project Bidding	\$ 4,560.00
TOTAL	\$ 709,260.00

THIS AMENDMENT is subject to all provisions of the original AGREEMENT.

THIS AMENDMENT, together with the original AGREEMENT represents the entire and integrated AGREEMENT between the City and Consultant.

THIS AMENDMENT executed the day and year written above.

Foth Infrastructure and Environment, LLC
Project No. 18A039.01
Date: May 6, 2019

West First Street Widening and Improvements – Phase 1
SW Scott Street to SW Logan Street
Ankeny, Iowa

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC

CITY OF ANKENY, IOWA

BY: Patrick P. Kueter
Patrick P. Kueter, P.E.
Client Director

BY: Gary Lorenz
Gary Lorenz
Mayor

WITNESS

David D. Kapler

Name David D. Kapler, P.E.

Title: Sr. Vice President

ATTEST

Debra M. Arend

Name: Debra M. Arend

Interim
Title: Deputy City Clerk

Attachment No. 1 Scope of Services

The work to be performed by the **Consultant** under this agreement will encompass and include detailed work, services, materials, equipment and supplies necessary to complete analysis and design for the Project.

The project consists of reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. The Consultant has completed the data collection, functional design and existing storm sewer assessment under the original Agreement. This Amendment No. 1 to the original Agreement is to complete the public engagement activities, preliminary and final roadway design, preliminary and final design of the fiber optic system relocation, acquisition plats, real estate acquisition services, continued private utility conflict resolution, and evaluation of right-of-way needs. This scope of services is based on the following project assumptions:

- West First Street project length is approximately 3,100 LF.
- Side Streets are assumed to reconnect within 100-ft of West First Street.
- Design services for the roadway project to be completed in accordance with Iowa DOT Swap policy requirements.
- The roadway project will be let by the Iowa DOT using the Iowa DOT standard specifications and be developed as a single bid package. The roadway project submittals will follow the dates shown in Attachment A to I.M. 3.010 for a February 18, 2020 letting date.
- The fiber optic system relocation project will be let by the City using the SUDAS standard specifications and be developed as a separate bid package from the roadway project.
- The City will complete video inspection, review, and evaluation of the existing sanitary sewer and storm sewer systems. City will recommend locations of sanitary sewer and storm sewer replacement, repair, or rehabilitation improvements.
- Includes a limited corridor environmental documentation following Iowa DOT Swap guidelines.
- Construction period services will be completed under future Amendments.

The scope of services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE CONSULTANT.

The Consultant will consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and to make available pertinent existing data. The Consultant shall provide the following basic services in regard to the Project:

A. Project Coordination

The Consultant will complete the following project coordination activities:

Task 1 – Design Development Meetings

The Consultant will maintain communications with the City to review progress and discuss specific elements of the project design and receive direction from the City. The meetings will also serve to establish schedules, develop project goals, establish initial design parameters, promote a dialog between the various entities, improve the decision-making process, and expedite design development. Prepare minutes of meetings and keep documentation of other communications. For budget purposes, the Consultant will attend six (6) meetings that will be attended by three (3) staff members of the Consultant.

The following meetings are included with the scope of work:
Preliminary Plan Phase - three (3) meetings
Final Plan Phase - two (2) meetings

There is one (1) additional meeting included for miscellaneous purposes and it is understood by the parties that the Consultant will attend additional meetings as needed to complete the Project. The Consultant will also maintain communications with the City with regularly scheduled teleconferences.

Task 2 – Public Transit Coordination Meetings

The Consultant will attend meetings with Des Moines Area Regional Transit (DART) to address specific design development elements. It is anticipated that there will be two (2) meetings with representatives of DART. The first will be to review the conceptual design elements in preparation for preliminary design, and the second will be final design review and coordination meeting.

Task 3 – Overhead Electric Relocation Meetings

The Consultant will attend specific meetings with MidAmerican Energy to discuss relocation options (underground and/or overhead). It is anticipated that there will be two (2) meetings with representatives of MidAmerican Energy. The first will be to advise of the nature and extent of the improvements and any potential conflicts with existing or proposed utility systems and relocation considerations, and the second will be to further discuss relocation options including easements.

Task 4 – Utility Coordination Meetings

The Consultant will conduct one (1) joint utility meeting. The Consultant will also conduct meetings with individual utility companies to address specific conflicts. It is anticipated that there will be two (2) meetings with representatives of the various utility companies. The first will be to advise of the nature and extent of the improvements and any potential conflicts with existing or proposed utility systems, and the second will be preliminary design review and coordination meetings.

Task 5 – Project Information Meetings

The Consultant will conduct one (1) project information meeting that will be attended by four (4) staff members of the Consultant. The purpose of the meeting will be to provide a brief overview of the proposed improvements to the surrounding neighborhoods and a discussion of the reconstruction plan, as well as gather information on the concerns, priorities, and specific issues of the adjacent property owners and other affected parties. This task includes preparation of the display materials and hand out information for the meeting.

The reserving of the meeting facility and the mailing of a public notification will be completed by the City.

Task 6 – Individual Property Owner Meetings

The Consultant will conduct meetings with individual property owners to address issues of specific concern to adjacent properties. These meetings will be held in concert with the preliminary design development and property acquisition phases of the project. This will include specific discussions about access issues, changes in circulation, potential right-of-way needs, and other issues related to specific parcels.

During the scheduled individual property owner meeting times, the Consultant's project manager will meet with the affected property owner to discuss the specifics of the project as it relates to their property, obtain information regarding any issues the property owner feels is important, and get input regarding their expectations about the project. The information gathered at this time will be used in developing the project documents and negotiating the required right-of-way. It is anticipated that one (1) meeting with six (6) individual property owners involved in the right-of-way acquisitions will be required.

Task 7 – Property Acquisition Exhibit Preparation

Exhibit for property acquisition will consist of a full-size strip plot with the major property acquisition elements on the aerial photograph. Includes coloring, lettering, and other techniques to delineate the proposed property acquisition needs, including property ownership name and address, existing property lines, proposed fee title right-of-way needs, and permanent/temporary easement needs.

Task 8 – Individual Parcel Exhibits

The Consultant will prepare individual property acquisition exhibits (8.5-in by 11-in) for each parcel which will consist of aerial imagery and show the proposed roadway design elements, driveway access, and site modifications, in addition to existing right-of-way lines, proposed fee title right-of-way needs, and permanent/temporary easement needs. The exhibits will be labeled with key parcel information and reference individual easement square footage areas. The exhibits will be used for initial right-of-way discussions and verification in advance of the preparation of acquisition plats. For estimating purposes, it is assumed that twenty (20) exhibits will be prepared.

Task 9 – Project Management (12 mos. for March 2019 – February 2020)

The project manager for the Consultant will be responsible for maintaining coordination with the City, monthly progress reporting, minutes of meetings, interoffice memoranda, and project invoicing. This task also includes scheduling of staff, review of progress, and senior review of deliverables.

B. Design Surveys

The Consultant will perform field and office tasks required to collect additional topographic information deemed necessary to complete the project. The City will provide aerial photographic and other available mapping of the Project area. The Consultant will also provide environmental surveys needed to meet the Iowa DOT Swap Environmental process. The specific supplemental survey tasks to be performed include the following:

Task 1 – Permanent Monumentation of Section Corner

This task consists of monumentation of the southwest corner of Section 14. The monumentation will comply with requirements of the Iowa Code and will be performed by or under the direct supervision of a duly licensed land surveyor under the laws of the State of Iowa.

Task 2 - Preparation of Acquisition Plats and Legal Descriptions

The Consultant will prepare acquisition plats and legal descriptions for property to be permanently acquired with the project. For estimating purposes, the following numbers of acquisition plats are assumed for this agreement:

Permanent (Fee Title) Right-of-Way Acquisition Plats (FE) = 12 each
 Permanent (Sidewalk, Utility, Electric) Easements (PE) = 17 each
 Temporary Construction Easements (TE) = Not needed. City will utilize Parcel Exhibits

The following table summarizes the anticipated project acquisitions, for which this scope of service task has been developed:

Parcel No.	Owner Name Parcel Address	Fee Title (FE)	Temporary Easements (TE)	Permanent Easements (PE)
12	Irena Vrebac & Almin Habibovic 101 NW Scott St			
13	Morrison Rentals Co-Op Inc. 810 W 1st St	1	1	
14	City of Ankeny 804 W 1st St	1	1	1
15	City of Ankeny NA, Bike Trail ROW	1	1	
16	City of Ankeny NA, Bike Trail ROW	1	1	
17	City of Ankeny, Fire Station 120 NW Ash Dr	1	1	2

Parcel No.	Owner Name Parcel Address	Fee Title (FE)	Temporary Easements (TE)	Permanent Easements (PE)
18	City of Ankeny, City Hall 410 W 1st St	1	1	4
19	Ankeny Community School District 310 NW School St	1	1	1
20	Elwells Inc. 220 W 1st St	1	1	
21	Elwells Inc. 110 N Ankeny Blvd		1	1
27	Gregory J Miller 101 SW Logan St		1	1
28	George L Rieck & Marcia C Guffey 102 SW Logan St		1	1
29	Christopher C. Mahlstadt 211 W 1st St		1	
30	B&W Farms LLC, Walter & Bonita Harmon 101 SW School St	1	1	1
31	Gitta R Nelson 301 W 1st St	1	1	1
32	Ken Anderson 101 SW Pleasant St		1	1
33	Jerold J Barten 102 SW Pleasant St		1	1
34	Thomas D Wiederin & Amy R Wiederin 421 W 1st St		1	
35	BW Realty LLC 102 SW Walnut St		1	
36	Debbie Graham 101 SW Cherry St	1	1	1
37	Christopher & Sheri Houdesheldt 106 SW Cherry St	1	1	1
38	Connie L Kappos 101 SW Maple Street		1	
39	Michael W Staab & Deborah K McKittrick 701 W 1st St		1	
40	City of Ankeny NA, Bike Trail ROW		1	
41	City of Ankeny, AMP 715 W 1st St		1	
42	Todd C. Kratky 101 SW Scott St		1	
43	Paul E. & Andrea L. Boughton 814 SW 2nd St Place			
53	BG Properties Group 110 SW School St		1*	
Totals		12	26	17

* Parcel 53 easements are dependent on final lane configuration of SW School Street

Task 3 - Right-of-Way/Easement Staking

This task consists of staking the easement locations for purposes of right-of-way negotiations. The staking survey includes the marking of key easement location points in order to visualize the locations in the field and will also include marking of existing property line locations. For the purpose of this agreement, all permanent fee title, permanent easements, and temporary easements will be staked one (1) time.

Task 4 - Soil-Boring Location Surveys

Perform soil-boring location surveys to establish location and elevation of proposed geotechnical investigations consisting of approximately twelve (12) soil borings.

Task 5 – Utility Relocation Staking

Perform staking to aid in the relocation of private utilities. This task will include communication with utility companies regarding their needs and staking. This task includes (1) staking effort per each utility company. A total of eight (8) hours has been estimated for this task.

Task 6 – Threatened and Endangered (T&E) Species

Perform a field review to evaluate whether suitable habitat for the federally-listed T&E species is present. Complete the Determination of Effect for Threatened and Endangered Species for Local Public Agencies (DOE) form.

Task 7 – Cultural Resources

The Sub-Consultant will complete a Cultural Resources Evaluation (CRE) to determine whether fieldwork is needed to document potential cultural resources. If recommended by the Sub-Consultant, a Phase I Cultural Resource Survey will be performed.

Task 8 – Limited Wetland Evaluation

Perform a field review to document the lack of wetland areas within the project corridor based on wetland vegetation and hydrology indicators readily observed during the site visit. Document the findings of the limited wetland evaluation in a letter report.

C. Preliminary Design

The Consultant will perform preliminary design services with the primary focus on geometric plans and profiles, existing and proposed utility locations, and right-of-way requirements. Incorporate potential elements that may affect the corridor improvements, including property impacts, construction staging, and traffic control operations. The preparation of preliminary design plans depicting the proposed grading, drainage, paving, signing, utility relocation, and other features of the project.

The work to be performed by the Consultant under the Preliminary Design phase will consist of the following tasks:

Task 1 - Preliminary Roadway Geometrics

Refine roadway geometrics for the project based on the preferred alternative functional geometrics and approved design criteria.

Task 2 – Preliminary Operational Analysis – NW School Street

Analyze the intersection of NW/SW School Street and W First Street for traffic operations to determine the optimal intersection lane configuration. Synchro will be used to analyze existing AM, PM, and afternoon school peak hours and corridor operations. Traffic signal timings and traffic counts for the intersection will be provided by the City. A technical memorandum will summarize the analyses and provide a recommendation for the overall intersection lane configuration.

Task 3 – Preliminary Horizontal Alignments and Vertical Profiles

Utilizing the preliminary geometric layout, refine horizontal alignments and develop vertical profiles for the mainline and connecting roadways. The alignments and profiles will be developed based on the technical memorandum summarizing the design criteria.

Task 4 – Preliminary Access and Site Development Modification Design

Develop preliminary design layout for access and site development modifications. Analyze effects the proposed improvements will have on drainage, grades, and on-site traffic circulation patterns. For estimating purposes, it is assumed that one (1) property will need site modifications.

Task 5 – Preliminary Water Main and Sanitary Sewer Modification Design

Develop preliminary design modifications for existing water main and sanitary sewer systems within the project corridor. Includes minor adjustments and not complete relocation of these utilities.

Task 6 – Preliminary Storm Sewer Design

The original Agreement included an inventory of existing hydrologic and hydraulic conditions and an analysis of the impacts the proposed improvements will have on the area wide drainage patterns. Once the impacts have been quantified, develop storm sewer system layout plan and major cross road culverts based on Chapter 2 SUDAS Design Manual. Resolve potential conflicts with underground utilities and other design elements. Vertical profiles are not developed as part of this task.

Task 7 – Roadway Lighting Photometric Design

This task consists of selection of lighting poles and fixture types, design and drawing preparation of a preliminary layout, preparation of photometric analysis and reports. This task does not include any electrical circuit design. The Consultant will work closely with the City and MidAmerican Energy Company to ensure that the proposed lighting system is compatible with the overall project design, and that it will meet the needs of the City.

Task 8 - Utility Conflict Identification

The Consultant will identify utility conflicts based upon the preliminary design layout and develop a tabulation with plan sheet exhibits for the purpose of working through conflict resolution. This task includes storm sewer, water main, sanitary sewer, and fiber optic, and all private utilities including gas, electric, and communications.

Task 9 – Construction Staging Plan Development

The Consultant will develop a preliminary traffic control concept to indicate how the project will generally be constructed and traffic will be maintained during construction. The construction staging plan will take into consideration all elements of construction including roadway, storm sewer, water main, and sanitary sewer improvements, as well as property access and private utility relocations. With review and acceptance by the City, the concepts developed in preliminary plans will serve as the basis for preparing the final traffic control plan in final design.

Task 10 – Acquisition Requirements Identification

The Consultant will identify permanent right-of-way and permanent/temporary easement needs based on the preliminary design development. The requirements will take into consideration proposed utilities, construction staging and access, utility relocations, and other critical construction elements.

Task 11 - Preliminary Plan Preparation

Upon completion of the preliminary plans, the design plans will be approximately 60 percent complete. The work to be performed by the Consultant under Preliminary Design will consist of the following tasks:

Title Sheets (A Sheets)

This task consists of assembling the preliminary title and general information sheets. The preliminary title sheets will include the following: Index of Sheets, Legend, Location Map, Project Number, and Design Traffic data.

Preliminary Typical Cross Sections (B Sheets)

This task consists of assembling the Typical Cross Sections to be used for the proposed improvements as well as a preliminary determination of the limits that each Typical Section will apply. The Typical Cross Sections will include but not be limited to typical sections for the proposed grading, drainage, and paving improvements.

Preliminary Mainline/Side Road Plan and Profiles (D and E Sheets)

This task consists of the development of preliminary plan and profile sheets that will show the existing topography along with the proposed improvements based on the survey or the office relocation centerline. Proposed Right-of-Way and Construction Easement limits based on the catch point lines will be shown. Included will be the necessary CADD work to show the preliminary design features for the proposed improvements.

Preliminary Utility Plan and Profiles (DS and DW Sheets)

This task consists of the development of preliminary plan and profile sheets that will show the existing topography along with the proposed improvements of the sanitary sewer and water main. Proposed Right-of-Way and Construction Easement limits based on the catch point lines will be shown. Included will be the necessary CADD work to show the preliminary design features for the proposed improvements.

Preliminary Traffic Control and Staging (J Sheets)

Develop suitable plan for construction scheduling and staging of the Project and for traffic control measures to be implemented during construction. Staging plan will include provisions for maintaining access to adjacent properties during construction. The plan sheets will include construction staging sections and high level plan exhibits. For estimating purposes, it is assumed that the roadway will maintain a minimum of 2-lane traffic (1-lane in each direction) during construction.

Preliminary Geometric, Staking, and Jointing (L Sheets)

Develop and refine geometric layouts and provide additional horizontal and vertical survey information needed to construct the intersections.

Preliminary Storm Sewer Plan and Profiles (M Sheets)

Develop preliminary plan and profile sheets for storm sewer information.

Preliminary Traffic Signal (N Sheets)

This task consists of preliminary traffic signal improvements as listed below:

Existing Traffic Signal Reconstruction:

- NW Ash Dr/SW Cherry St and W First St
- NW/SW School St and W First St
- HAWK Signal

Temporary Traffic Signal Plans:

- NW Ash Dr/SW Cherry St and W First St
- NW/SW School St and W First St
- HAWK Signal

Existing Traffic Signal Modifications:

- Pedestrian signal at High Trestle Trail and W First St

The preliminary plans will include signal pole footing placement and other general layout information. This task also includes gathering information on the type of equipment to be used for the project using available design standards of the City and the Manual on Uniform Traffic Control Devices (MUTCD).

Preliminary Lighting Layout Sheets (P Sheets)

This task consists of development of preliminary lighting layout plan sheets showing photometric analysis.

Preliminary Removal Plans (R Sheets)

This item consists of preliminary layout of the project removal plan.

Preliminary Sidewalk Plans (S Sheets)

Develop preliminary curb ramp layout in accordance with Chapter 12 of Iowa SUDAS Design Manual. Design ramp geometric configuration alternatives, identify surface requirement, review general horizontal curb openings, and identify sidewalk width and passing space within the corridor.

Preliminary Cross Sections (W and X Sheets)

This task consists of the design and drafting associated with the assembly of detailed cross sections (25-foot increments) to illustrate typical conditions, drainage designs, and non-typical conditions as needed for guidance during design, review, and quantity estimating purposes.

Task 12 – Submit Preliminary Plans to the Iowa DOT and the City

The Consultant will prepare a cover letter and complete the required checklist for the submittal. The plans, cover letter, and checklist will be submitted to the Iowa DOT through their electronic system.

Task 13 - Preliminary Field Review

A field review will be held with the Project Development Team to discuss key issues and design concepts, including drainage, access control, traffic control/stage construction, and right of-way. The review will determine the completion of the plan design, identify needed adjustments to minimize potential property impact, and confirm the proposed staging plans. Revisions will be noted for preparation of the final design. Completion of the field review will allow preparation for Final Plans.

Task 14 - Budget Review

The Consultant will prepare a preliminary opinion of probable construction cost for the project and compare the cost to the City's current Project budget. The Consultant will make recommendations pertaining to modifications in the Project in order to address budgetary concerns. Preliminary cost estimates will be based on representative major project elements and recent bid information. Detailed quantity takeoffs will not be developed for the preliminary cost estimate.

Task 15 - Quality Control

Involve ongoing quality control input from the Project Team and the design engineer's senior technical staff throughout the development of preliminary plans. The design engineer is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the preliminary plan set to the Project Team.

Review the preliminary engineering plan set for technical accuracy, as well as for general constructability and conformance with the project design criteria.

D. Pre-Final (Check) Design and Plan Preparation

Based upon approved preliminary design, field review, and project information meeting, the Consultant shall subsequently proceed with final design, contract drawings, specifications, and opinion of probable construction cost for the award of a single Contract for the construction of the proposed improvements. Comments received from the Preliminary Design Phase plans will be implemented in the Final Design Phase plans. The work tasks to be performed include the following:

Task 1 – Check Plans

The Consultant shall provide the City with the following deliverables:

Final Title Sheets (A Sheets) - Finalize title sheet. The title sheets will include the following: Index of Sheets, Legend, Location Map, Project Number, and Design Traffic Data.

Final Typical Cross Sections and Details (B Sheets) - This item consists of final design and drafting of typical cross sections and standard details to be utilized for the improvements.

Final Quantities and General Information (C Sheets) - This item consists of final bid items to be included in the Project, as well as final quantity tabulations, and the development of the general notes and estimate reference information.

Final Plan and Profiles (D and E Sheets) - This item consists of the final design and drafting of roadway plan and profile sheets (mainline and side roads), including the detail information required for plan approvals, permitting, and construction of the proposed improvements. This task also consists of the final design and drafting for the installation of new utilities and utility adjustments that can be determined from coordination with the utility companies at the time of design.

Final Utility Plan and Profiles (DS and DW Sheets) - This item consists of the final design and drafting of sanitary sewer and water main plan and profile sheets, including the detail information required for plan approvals, permitting, and construction of the proposed improvements.

Final Erosion Control and Surface Restoration (EC Sheets) - This item includes the final design and drafting of erosion control measures and surface restoration to be provided on the Project.

Survey Sheets (G Sheets) - Finalize the plan control points and the benchmark data used to develop the plans and to be preserved throughout construction of the project. This item includes reference ties, benchmarks, and horizontal control tabulations for all alignments.

Right-of-Way Sheets (H Sheets) - Finalize right-of-way sheets showing the existing right-of-way, proposed right-of-way, permanent easement, and temporary easement information in relation to the proposed centerline, control points, and property ownership. This item includes tabulations of all found monuments within the Project limits in compliance with the requirements of Iowa Code Section 355 and the Iowa Administrative Code Section 193C.

Traffic Control, Staging, Pavement Markings, and Traffic Signing (J Sheets) - This item consists of final design and drafting of the traffic control, staging, permanent pavement markings, and traffic signing plans.

Final Geometric Staking, Jointing, and Edge Profiles (L Sheets) - This item consists of the final design and drafting of jointing details, spot elevations, and geometric layouts for all non-typical pavement areas. This item also includes edge profiles for major side road returns.

Final Design of Storm Drainage Systems (M Sheets) - This item consists of final design and drafting of storm sewers, storm sewer inlets, manholes, open ditches, culverts, and other storm drainage related facilities for the Project.

Final Traffic Signal Sheets (N Sheets) - This item consists of the final design and drafting of permanent traffic signals, temporary traffic signals, and the modifications of pedestrian signal. Included in this task will be the signal layout plans, wiring diagrams, major equipment, poles, signal heads, quantities, special provisions, fiber optic interconnect to support both temporary and permanent traffic signal locations, and other elements of the traffic signal installations, as necessary, to accommodate the roadway design, and proposed phasing and operation of traffic signals.

The Consultant will utilize a subconsultant as part of this task to complete a subsurface utility investigation (pot holing) to identify utilities marked by others in the field to establish horizontal and vertical locations near the permanent traffic pole locations. It should be noted that the Consultant is relying on private utility companies to mark their facilities in the field and cannot guarantee that all utilities will be marked. Sidewalk/trail removal and replacement is not included as part of this task.

It is assumed that up to a maximum of 30-hrs is included for sub surface utility investigations.

Final Roadway Lighting Layout (P Sheets) - Show final photometric plan and locations of poles on project plan drawings. Circuit design, utility service location, equipment location, and bill of materials to be provided by utility company is not included as part of this scope of services. These sheets will be provided for information only.

Final Removal Plans (R Sheets) - This task consists of final design and drafting of final removal plan sheets.

Final Accessible Curb Ramp Design (S Sheets) - Develop final curb ramp layout in accordance with Chapter 12 of Iowa SUDAS Design Manual. Finalize ramp geometric configurations, transitions between sidewalks and driveways, calculate horizontal curb openings, cross slopes, running slope, and label sidewalk width and passing space within the corridor.

Final Earthwork Quantities (T Sheets) - This task consists of final design and drafting of the soils information and earthwork quantities. For estimating purposes, it is assumed that the earthwork will include staged quantities consistent with the traffic control plan.

Final Special Construction Details (U Sheets) - This item consists of the final design and drafting of special project details not covered in other items. Included are such items as special grading details, channel grading, culvert details not included in the standard drawings, special storm sewer or manhole details not included in the standard drawings, special paving details, and other required miscellaneous details found to be required for completion of the project.

Final Design Cross-Sections (W and X Sheets) - This item consists of the final design and drafting of individual cross-sections for the project. Cross sections will be designed and drawn at 25-foot maximum intervals, with additional cross-sections included as necessary. Cross sections will show the existing ground elevations as well as the final project grading, including foreslope and backslope information, special sub-grade treatments, ditches, pavement replacement, and other pertinent information.

Task 2 - Project Permitting

The Consultant will assist the City in preparing applications for permits from governmental authorities that have jurisdiction to approve the design of the project and participate in consultations with such authorities, as necessary. The Consultant shall prepare the following documents for the project:

- IDNR Water Supply Section – Construction Permit Application
- IDNR NPDES Stormwater Discharge Permit
- Notice of Publication
- Pollution Prevention Plan
- IDNR Wastewater Construction Permit Application

Any fees for construction permits, licenses, or other costs associated with permits and approvals shall be the responsibility of the Consultant. The Consultant shall prepare the permit applications and other documentation and file the applications for permits.

Task 3 – Quality Control

Involve ongoing quality control input from the Project Team and the design engineer's senior technical staff throughout the development of Check Plans. The design engineer is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the Check Plans set to the Project Team.

Review the Check Plans set for technical accuracy, as well as for general constructability and conformance with the project design criteria.

Task 4 - Opinion of Probable Construction Cost

The Consultant shall prepare a Final Opinion of Probable Construction Cost for the project at the time of completion of the plans and specifications. The Opinion of Probable Construction Cost is intended for the use of the City in financing the Project.

Task 5 – Submit Check Plans to the Iowa DOT and City

The Consultant will prepare a cover letter and complete the required checklist for the submittal. The cover letter details any significant changes to the design since the last submittal, comments that were addressed, progress of the project, Public Interest Findings needed, status of Environmental clearance, and outstanding issues. The plans, cover letter, and checklist will be submitted to the Iowa DOT through their electronic system.

E. Final Plans

The Consultant will coordinate and manage the final project development submittals to the Iowa DOT and City for the project. The work tasks to be performed or coordinated by the Consultant will include the following:

Task 1 – Incorporate Iowa DOT and City Comments from Check Plans Submittal

The Consultant will respond to comments resulting from the Check Plans review. Recommended modifications will be incorporated into the plan set.

Task 2 – Prepare Public Interest Finding (PIF)

The Consultant will prepare Public Interest Finding (PIF) documentation on behalf of the City. The PIF requests special consideration be made for use of specific products or special circumstances that require a delay in submission of Final Plans. For budgetary purposes, it is anticipated that there will be one (1) PIF prepared.

Task 3 – Complete Project Development Certificate

The Consultant will complete and submit the required Iowa DOT documentation to finalize the project plans and secure the letting date. This involves verifying utility relocations and right-of-way impacts.

Task 4 – Final Plan Submittal

The Consultant will submit Final Plans and the Project Development Certification.

Task 5 – Bidding Phase Activities

The Consultant shall be available to answer questions from contractors through the Iowa DOT prior to the letting and shall aid in the issuance of addenda as appropriate to interpret, clarify, or append the bidding documents.

Task 6 - Bid Tabs and Award Recommendation

The Consultant shall make tabulations of bid for the City, shall advise the City on the responsiveness of the bidders, and assist the City in making the award of contract.

F. Real Estate Services (JCG Land Services, Inc.)

The Consultant will retain the services of JCG Land Services, Inc. (JCG) to provide Real Estate Services required for the project as a Sub-Consultant to serve as the professional representative for both the Consultant and the City. The Consultant, with the assistance of JCG, will coordinate and manage the right-of-way acquisition process as an integral part of the management and scheduling of the project. Milestones and critical dates for completion of key elements of the right-of-way acquisition process will be identified and made a part of the project development plan and schedule. The objective is to start the acquisition process early and proceed to a timely conclusion of right-of-way acquisition. The Consultant, with the assistance of JCG, will coordinate specialists and subconsultants involved in right-of-way acquisition.

The real estate acquisition services will follow the Iowa DOT's Office of Right-of-Way's instructional manual for property acquisition, Right-of-Way Information Packet for Local Public Agency Federal/State-Aid Projects.

The following table summarizes the anticipated project right-of-way acquisitions, for which this scope of service task has been developed:

Parcel No.	Owner Name Parcel Address	Appraisal	Comp. Estimate	Fee Title (FE)	Temp. Ease. (TE)	Perm. Ease. (PE)
12	Irena Vrebac & Almin Habibovic 101 NW Scott St					
13	Morrison Rentals Co-Op Inc. 810 W 1st St	1		1	1	
14	City of Ankeny 804 W 1st St			1	1	1
15	City of Ankeny NA, Bike Trail ROW			1	1	
16	City of Ankeny NA, Bike Trail ROW			1	1	
17	City of Ankeny, Fire Station 120 NW Ash Dr			1	1	2
18	City of Ankeny, City Hall 410 W 1st St			1	1	4
19	Ankeny Community School District 310 NW School St		1	1	1	
20	Elwells Inc. 220 W 1st St	1		1	1	1
21	Elwells Inc. 110 N Ankeny Blvd		1		1	1
27	Gregory J Miller 101 SW Logan St		1		1	1
28	George L Rieck & Marcia C Guffey 102 SW Logan St		1		1	1
29	Christopher C. Mahlstadt 211 W 1st St		1		1	
30	B&W Farms LLC, Walter & Bonita Harmon 101 SW School St	1		1	1	1
31	Gitta R Nelson 301 W 1st St	1		1	1	1
32	Ken Anderson 101 SW Pleasant St		1		1	1
33	Jerold J Barten 102 SW Pleasant St		1		1	1
34	Thomas D Wiederin & Amy R Wiederin 421 W 1st St		1		1	1
35	BW Realty LLC 102 SW Walnut St		1		1	1
36	Debbie Graham 101 SW Cherry St	1		1	1	1
37	Christopher & Sheri Houdesheldt 106 SW Cherry St	1		1	1	1
38	Connie L Kappos 101 SW Maple Street		1		1	

Parcel No.	Owner Name Parcel Address	Appraisal	Comp. Estimate	Fee Title (FE)	Temp. Ease. (TE)	Perm. Ease. (PE)
39	Michael W Staab & Deborah K McKittrick 701 W 1st St		1		1	
40	City of Ankeny NA, Bike Trail ROW				1	
41	City of Ankeny, AMP 715 W 1st St				1	
42	Todd C. Kratky 101 SW Scott St		1		1	
43	Paul E. & Andrea L. Boughton 814 SW 2nd St Place		1			
53	BG Properties Group 110 SW School St		1		1	
Totals		6	14	12	26	17

The work tasks to be performed by the Sub-Consultant under Real Estate Services shall include the following:

Task 1 - Preparation of Parcel Files

Parcels will be established based upon unity of ownership, unity of use, and contiguous land. Once the parcel has been defined, two separate files will be established according to the Iowa DOT Right-of-way Design Section Manual. It is estimated that parcel files will be prepared for 27 parcels. The parcel file records shall demonstrate compliance with applicable state/federal laws and requirements. The files shall include the following items:

- All Correspondence
- Title Documents
- Design Summary Information & Plat
- Appraisals and Review Appraisals
- Negotiator's Notes
- Administrative Settlement (if used)
- Copy of Signed Contracts
- Title Opinion
- Conveyance & Closing Documents
- Relocation Forms (if used)
- Relocation Agent's Notes (if used)
- Condemnation Documents (if used)
- Right-of-Way Record Checklist

Task 2 - Appraisals and Compensation Estimates

The Sub-Consultant shall obtain the services from an independent fee appraiser for the purpose of preparing a value finding appraisal that determines the fair market value of the land and improvements to be acquired for the project, unless in the appraiser's professional opinion a "before and after" type of appraisal is required that addresses the severance damage to the remainder. The appraisals shall be completed using Iowa DOT forms or formats acceptable to the Iowa DOT and meet their standards.

It is estimated that a value-finding appraisal will be obtained for six (6) properties. Per IDOT I.M. No. 3.605, Compensation Estimates may be used for minor, uncomplicated acquisitions that are estimated between \$10,001 and \$25,000; however, if the landowner requests an appraisal, the LPA shall provide an appraisal. For this reason we have included an extra two (2) appraisals and appraisal review reports in our estimates. Any landowner-requested appraisals beyond what has been assumed herein will be invoiced as a pass-through, reimbursable cost. In addition, compensation estimates to offer just

compensation will be prepare to acquire minor temporary acquisitions using Iowa DOT forms and standards. It is estimated that a compensation estimate will be prepared for fourteen (14) properties.

Task 3 - Appraisal Review

Independent property appraisal review will be obtained from qualified professionals for each value finding type appraisal and for each before and after type of appraisal. Findings for compensation estimate types of evaluations will be reviewed by an independent right-of-way professional.

Task 4 - Right-of-Way Negotiations/Acquisitions

The Sub-Consultant shall serve as the Consultant's and the City's professional representative for right-of-way negotiations/acquisitions. The Sub-Consultant shall abide by the provisions of the Iowa Code Chapter 543B regarding the requirements for persons who purchase real estate for another, including disclosure of agency provisions. The Sub-Consultant shall provide proof of valid Iowa licenses and proof of required errors and omissions insurance, and shall document the parcel files that the disclosure of agency was made.

The Sub-Consultant shall prepare all acquisition contracts and other documents necessary to secure the required right-of-way in compliance with state and federal law.

The Sub-Consultant shall deliver to each owner of interest, including tenants, acquisition brochures, offers to purchase, proposed contracts, and offers of relocation, and answer acquisition related questions from each owner of interest. The Sub-Consultant shall not offer an owner of interest an amount in excess of the approved compensation estimate without the prior approval of the City.

Upon successful completion of negotiations on a parcel, the Sub-Consultant shall audit the contract for correctness and verify all appropriate interests were acquired from the proper parties prior to submission to the City for approval.

When an agreement cannot be reached with an owner of interest through normal negotiation procedures, the Sub-Consultant shall review the parcel, giving full consideration to all pertinent data and make a recommendation as to whether a settlement should be attempted at an amount in excess of the original offer or whether to acquire the parcel by condemnation proceedings.

Task 5 - Closing

The Sub-Consultant shall serve as the Consultant's and the City's professional representative as the closing agent during the performance of the closing process. The Sub-Consultant shall abide by the provisions of Iowa Code Chapter 543B regarding the requirements of persons who perform closings of real estate transactions (including the disclosure of agency provisions). The Sub-Consultant shall provide proof of valid Iowa licenses and proof of required errors and omissions insurance.

The Sub-Consultant shall prepare all documents necessary to secure the required right-of-way in compliance with state and federal law. The Sub-Consultant shall notify all mortgage(s), liens(s), and security interest(s) holders of the pending transaction, and prepare and obtain releases necessary to obtain merchantable title to real and personal property acquired.

The Sub-Consultant shall provide closing payment information and payee instructions to the City (acquiring authority) in their transmittal letter with the completed parcel file for the closing and payment process to be performed by the City. The City shall complete final closing and transfer document recording.

The Sub-Consultant shall schedule closings, obtain signatures of each owner of interest on conveyance documents and explain and answer questions related to the closing process. The City shall provide proper and prompt payment to owners of interest.

The City shall comply with all Internal Revenue Service (IRS) rules and regulations pertaining to Form 1099 reporting requirements. The City shall gather data required for reporting, report data to property

owners, the IRS, and the Iowa Department of Revenue, and deliver the City these records for the period of time required by the IRS.

The City shall record each document necessary to transfer title.

Task 6 - Condemnation Services (Task Not Included)

Condemnation Services are not included in this Scope of Services and these services will be completed under a supplemental agreement to this contract and shall include any appraisal service updates, updating of title opinions, and testimony required for the condemnation process.

G. Geotechnical Services

The Sub-Consultant will complete geotechnical exploration along the project corridor. These services will be in general accordance with the standard specifications for subsurface investigations and design. This task includes the necessary field and office services to provide a geotechnical report for the project. The task involves completing the following twelve (12) borings to a depth of 10-15 feet below existing grade:

- Roadway borings (250-ft intervals alternating EB/WB lanes) = 8 borings
- Roadway boring (NW Ash Drive) = 1 boring
- Roadway boring (SW Cherry Street) = 1 boring
- Roadway borings (NW/SW School Street) = 2 borings

The purposes of the borings include determination of existing pavement sections, roadway/utility design, moisture contents, groundwater levels (for 4 of above borings), pavement depths (cores), laboratory testing, and engineering analysis. The borings will include all City/State required traffic control measures including coordination, permits, and arranging a utility locate through Iowa One Call. The backfilling of the boreholes will be performed following the borings and meet City/State requirements.

This subsurface exploration will include laboratory testing, engineering analysis, pavement design, and a written report.

The results of our field and laboratory programs will be evaluated by a professional geotechnical engineer licensed in the State of Iowa. Based on the results of our evaluation, an engineering report will be prepared and include the following information:

- Description of the project.
- Computer generated boring logs with soil stratification based on visual soil classification
- Summarized laboratory data on the boring logs
- Groundwater levels observed during and shortly after completion of drilling
- Boring location diagram
- Subsurface exploration procedures
- Subsurface soil conditions

In addition, geotechnical recommendations for the project will include:

- Bearing soils for culverts
- Settlement and global slope stability review (as defined above)
- Earthwork construction
- Expansive soil design considerations, if applicable
- Cut and fill construction
- Excavation and backfill
- Site preparation, including the suitability of the existing on-site soils for use as structural fill
- Subsurface drainage recommendations

- Subgrade preparation recommendations for grade supported pavements

II. WEST FIRST STREET FIBER OPTIC SYSTEM RELOCATION

The project consists of relocation of a fiber optic interconnection system within the West First Street corridor, thereby allowing access to Ankeny Community School's building, City of Ankeny's buildings, and allowing the interconnection of traffic signals within the corridors. The proposed projects consist of installation of conduit and/or fiber along the following street corridors:

Conduit Installation

- W First Street from SW Scott Street to Ankeny Blvd (2,700-ft conduit, City)
- W First Street from SW Scott Street to Ankeny Blvd (2,700-ft conduit, School)

Fiber Installation

- W First Street from State Street to Ankeny Blvd (5,750-ft fiber, City Network)
- W First Street from State Street to Ankeny Blvd (5,750-ft fiber, City Traffic)
- S Ankeny Blvd from W First Street to SW 3rd Street (850-ft fiber, City Network)
- S Ankeny Blvd from W First Street to SW 3rd Street (850-ft fiber, City Traffic)
- S Ankeny Blvd from W First Street to SW 3rd Street (850-ft fiber, School)
- W First Street from Northwest Elementary School to Ankeny Blvd (4,100-ft fiber, School)
- Alley from Parkview Middle School to District Administrative Office (1,250-ft fiber, School)

Other Installations

- New handholes for the City Network and Traffic systems along W First Street between SW Scott Street and Ankeny Blvd
- New handholes for the School system along W First Street between SW Scott Street and Ankeny Blvd
- New handholes for the City Network and Traffic systems along S Ankeny Blvd between W First Street and SW 3rd Street
- New handholes for the School system along S Ankeny Blvd between W First Street and SW 3rd Street

Approximately 5,400 linear feet of conduit and 19,400 linear feet of fiber is anticipated to be installed.

A. Project Coordination

Task 1 – Project Development Meetings

The Consultant will maintain communications with the City and others to review progress and discuss specific elements of the project design and receive direction from the City. The meetings will also serve to establish schedules, develop project goals, establish initial design parameters, promote a dialog between the various entities, improve the decision-making process, and expedite design development. Prepare minutes of meetings and keep documentation of other communications. For budget purposes, it is assumed that the meetings will be attended by one (1) staff member(s) of the Consultant. The following meetings are included with the scope of work:

Preliminary Design Phase – two (2) meetings

Final Plan Phase – one (1) meeting

Task 2 – Utility Coordination Meetings – Included in the Basic Services of the Consultant.

Task 3 – Project Management – Included in the Basic Services of the Consultant.

B. Conceptual Design

The Consultant will complete an assessment of the existing system in order to develop master plan for the improvements. The work to be performed by the Consultant under Conceptual Design shall consist of the following tasks:

Task 1 – Data Collection

The following information, materials, and services, shall be provided to the Consultant by the City without cost to the Consultant:

- Record drawings of existing City and School fiber systems at each project intersection and along the corridors showing the conduits, handholes, and wiring.
- Copies of all specifications, standards, and details that are to be incorporated in the project.

Task 2 – Review of Existing Equipment

The Consultant shall review available information and perform field reviews of existing fiber optic system equipment, including existing handholes.

Task 3 – Develop Alignments for the Fiber Corridors

This task consists of development of ideal conduit paths and definition of connections to existing buildings and project requirements using a Consultant's base map. The alignments will be developed based on the needs stated by the City and School District. The conceptual design will incorporate potential elements that may affect the fiber paths including property impacts. The conceptual design will be used as a reference in preparing preliminary and final plans for the fiber optic system. The City will review the conceptual design. Suggested revisions or design modifications would be addressed in the preliminary design phase.

Task 4 – Project Utility Review - Included in the Basic Services of the Consultant.

C. Preliminary Design

The Consultant will perform preliminary design services in the preparation of design plans and specifications depicting the proposed utility relocation and other features of the project. The preliminary plans will include but not be limited to the following tasks:

Task 1 – Preliminary Design Development

This task consists of preparation of preliminary location plans for the fiber optic improvements. The primary focus will be on fiber optic locations, including identification of related fiber hub cabinet modifications, and other necessary construction elements. The plans will show existing aerial imagery and available GIS features including right-of-way lines and public utilities.

Develop Preliminary Fiber Optic System Design

The Consultant will develop a preliminary fiber system plan with typical fiber design standards. This will include conduit system, fiber optic, and access to fiber hub cabinets and/or traffic signal controllers, and building entries.

Develop Preliminary Intersection Modifications - Included in the Basic Services of the Consultant.

Task 2 – Preliminary Plan Preparation

Upon completion of the preliminary plans, the design plans will be approximately 60 percent complete. The work to be performed by the Consultant under Preliminary Design shall consist of the following tasks:

Title and General Information Sheets (A Sheets)

This task consists of assembling the preliminary title and general information sheets. The preliminary title sheets will include the following: Index of Sheets, Legend, Location Map, and Project Number.

Preliminary Typical Cross Sections (B Sheets)

This task consists of assembling the typical cross sections to be used for the proposed improvements as well as a preliminary determination of the limits that each Typical Section will apply. The typical cross sections will include but not be limited to typical sections for the proposed grading, drainage, utility trench, and paving improvements.

Preliminary Fiber Optic Location Plans (N Sheets)

This task consists of the development of preliminary fiber optic system location plans. The Consultant anticipates using technical special provisions consistent with those used for the typical fiber optic system projects and SUDAS Standard Specifications.

Task 3 – Budget Review

The Consultant shall prepare a preliminary opinion of probable construction cost for the project and compare the cost to the City and School's current Project budget. The Consultant shall, if necessary, make recommendations pertaining to modifications in the Project in order to address budgetary concerns. Preliminary cost estimates shall be based on representative major project elements and recent bid information. Detailed quantity takeoffs will not be developed for the preliminary cost estimate.

Task 4 – Quality Control

Involve ongoing quality control input from the City, School District, and the Consultant's senior technical staff throughout the development of preliminary plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the preliminary plan set to the City.

Review the preliminary engineering plan set for technical accuracy, as well as for general constructability and conformance with the project design criteria.

Task 5 – Preliminary Field Review

A field review will be held with the City and School to discuss key issues and design concepts, including traffic control/stage construction and right-of-way. The review will determine the completion of the plan design, identify needed adjustments to minimize potential property impact, and confirm the proposed staging plans. Revisions will be noted for preparation of the final design. Completion of the field review will allow preparation for Final Plans.

D. Final Design

Based upon approved preliminary design and field review, the Consultant shall subsequently proceed with final design, contract drawings, specifications, and opinion of probable construction cost for the award of a single Contract for the construction of the proposed improvements. The work tasks to be performed include the following:

Task 1 – Incorporate Comments from Preliminary Plan Review and Field Review

The Consultant will respond to comments resulting from the preliminary plan review and field review. Recommended modifications will be incorporated into the plan set. The Consultant will revise preliminary construction plans and special provisions to incorporate City, School District, and utility company comments.

Task 2 - Final Construction Plans

The Consultant shall provide the City and School District with the following deliverables:

Final Title Sheets (A Sheets) - This item consists of finalizing the title sheet. The title sheets will include the following: Index of Sheets, Index of Standard Road Plans, Legend, Location Map, Project Number, Letting Date, and Design Designation

Final Typical Cross Sections (B Sheets) - This item consists of final design and drafting of typical cross sections (if necessary for joint utility trench construction) and special details to be utilized for the improvements.

Final Quantities (C Sheets) - This item consists of final bid items to be included in the Project, as well as final quantity tabulations, and the development of the general notes and estimate reference information.

Final Traffic Control and Staging (J Sheets) - This item consists of the final plan for construction scheduling and staging of the Project and for final traffic control measures to be implemented during construction.

Final Fiber Optic Location Plans (N Sheets) - This task consists of the final design and drafting of the fiber optic location plans. Included in this task will be the conduit layout, major equipment locations, special provisions, and other elements of the fiber optic installation as necessary to accommodate the detailed design.

Final Splice Diagrams (U Sheets) - This task consists of the final design and documentation of the fiber splice diagrams. Included in this task will be individual splice diagrams for hub cabinet locations, handhole splice enclosure locations, building entry locations, and other diagrams needed to accommodate the detailed design of the modifications to the fiber system.

Task 3 - Project Manual

The task consists of preparation of a Project Manual utilizing the standard City front-end documents, including Notice to Bidders, Notice of Public Hearing, Instruction to bidders, Bid forms, Bond Forms, Agreement Forms, General Conditions of Construction Contract, Supplementary General Conditions, and Detailed Construction Specifications. The SUDAS Standard Specifications shall also be utilized for this project.

Task 4 - Opinion of Probable Construction Cost

An updated Opinion of Probable Construction Cost shall be prepared at the time of completion of the plans and specifications. The Opinion of Probable Construction Cost is intended for the use of the City in financing the Project.

Task 5 - Quality Control

Involve ongoing quality control input from the City, School District, and the Consultant's senior technical staff throughout the development of final plans. The Consultant is responsible for making specific recommendations and ensuring that critical issues are discussed and resolved prior to submittal of the final plan set to the City and School District.

E. Project Bidding

The Consultant will coordinate and manage the letting process for the project. For estimating purposes, one (1) letting has been included as part of this Agreement. The work tasks to be performed or coordinated by the Consultant shall include the following:

Task 1 - Printing of Plans and Specifications

This task consists of printing and handling of the Plans and Specifications. For budget purposes it is estimated that ten (10) half-size (11"x17") plan sets and specifications will be duplicated and assembled by the Consultant. This task also includes dissemination of the contract documents utilizing the QuestCDN system and maintaining a plan holders list during the bidding phase.

Task 2 - Notice of Project

The Consultant shall prepare the formal Notice to Bidders and Notice of Public Hearing. The City shall handle publication and posting.

Task 3 - Plan Clarification and Addenda

The Consultant shall be available to answer questions from contractors prior to the letting and shall issue addenda as appropriate to interpret, clarify, or expend the bidding documents.

Task 4 - Letting, Bid Tabs, and Award Recommendation

The Consultant shall have a representative present when the bids are opened, shall make tabulations of bid for the Owner, shall advise the Owner on the responsiveness of the bidders, and assist the Owner in making the award of contract, including preparation of necessary contract documents.

PROJECT DELIVERABLES

The scope of services shall be considered complete upon completion and delivery of the following items to the satisfaction of the City:

- Threaten and Endangered Species DOE form
- Cultural Resources CRE form or Phase I Cultural Resource Survey, if needed
- Limited Wetland Evaluation
- Preliminary Plans and Preliminary Opinion of Probable Construction Costs for the roadway project
- Preliminary Plans and Preliminary Opinion of Probable Construction Costs for the fiber optic project
- Project Information Displays in PDF format and three (3) printed copies for the roadway project
- Acquisition Plats and Legal Descriptions
- Permanent Sidewalk and Utility Easements
- Public Interest Finding Letter(s)
- Project Development Certification
- Check Plan submittal to the Iowa DOT and City for the roadway project
- Final Plan submittal to the Iowa DOT and City for the roadway project.
- Five (5) paper sets of the original Final Construction drawings (half-size 11"x17") for the roadway project
- Five (5) paper sets of the original Final Construction drawings (half-size 11"x17") for the fiber optic project
- Electronic copy in PDF format of the original electronic signed final drawings (half-size 11"x17") that includes special provisions and engineer's final opinion of probable cost for the roadway and fiber optic projects
- ROW/Easement linework in electronic format (.dgn file)
- Final geometry/linework in electronic format (.dgn file)
- Proposed public utility structures and pipes in electronic format (.dgn file)

ADDITIONAL SERVICES:

Additional Services are **not** included in this Agreement. If authorized under a Supplemental Agreement the Consultant shall furnish or obtain from others the following services:

- 1.) Eminent Domain proceedings
- 2.) Threaten and Endangered Species presence/absence surveys, such as mist netting, acoustic surveys, emergence surveys, or botanical surveys
- 3.) Phase II Archeological Investigations
- 4.) Wetland Delineation/Mitigation and 404 Permitting
- 5.) Structural/Retaining Wall Design
- 6.) Special Geotechnical Considerations
- 7.) Subsurface Utility Investigations outside the proposed traffic signal pole locations
- 8.) Temporary Construction Easements and Descriptions
- 9.) Construction Period Services (Administration, Resident Engineering/Observation, Survey, and Testing)
- 10.) Project Information in GIS Database
- 11.) Updated Environmental Assessment (EA)
- 12.) Coordinated Traffic Signal Timing Plans

CITY'S RESPONSIBILITIES:

The City shall provide the following:

1. Provide existing utility plans and studies.
2. Provide existing street and utility plans/record drawings and utility maps for the project area.
3. Provide televising of storm sewer and sanitary sewer as needed.

Attachment No. 2 Schedule

The Consultant will complete the following phases of the Project in accordance with the schedule shown; assuming notice to proceed is issued by the City on or before May 6, 2019. If notice to proceed is given at a later date, time of completion will be extended accordingly.

Roadway Project Submittal Dates

Consultant Contract Approval	May 6, 2019
Preliminary Plan Design	May 2019 – June 2019
Project Information Meeting	June 2019
Acquisition Plat Preparation	June 2019 – July 2019
Property Acquisitions	July 2019 – October 2019
Final Design & Plan Preparation	August 2019 – November 2019
Utility Relocations	August 2019 – June 2020

Iowa Department of Transportation – Project Development Submittal Dates

Preliminary Plan Submittal, Major (Optional)	August 13, 2019
Check Plan Submittal	October 8, 2019
Final Plans and Project Development Cert	November 19, 2019
Contracts Turn-in	December 3, 2019
Project Letting (Iowa DOT)	February 18, 2020

Fiber Optic Relocation Project Development Submittal Dates

Preliminary Plan Design	May 2019 – June 2019
Final Design & Plan Preparation	June 2019 – July 2019
Project Letting (Local)	August 2019
Fiber Optic Relocations	September 2019 – June 2020

Attachment No. 3 Standard Rate Table

FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC 2019 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Director	\$198.00
Project Manager	\$165.00-\$193.00
Project Scientist	\$114.00-\$140.00
Project Engineer	\$139.00-\$184.00
Staff Engineer	\$112.00-\$137.00
Planner	\$112.00-\$184.00
Technology Manager	\$160.00
Technician	\$78.00-\$131.00
Construction Manager	\$160.00
Land Surveyor	\$129.00-\$164.00
Project Administrator	\$78.00-\$98.00
Administrative Assistant	\$60.00

REIMBURSABLE EXPENSES

1. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2019. Rates subject to change annually on January 1.

AGREEMENT FOR PROFESSIONAL CONSULTING SERVICES

West First Street Widening and Improvements – Phase 1 SW Scott Street to SW Logan Street

This Agreement is made and entered into this 17th day of December, 2018, by and between the CITY OF ANKENY, a municipal corporation, hereinafter referred to as "City", and FOTH INFRASTRUCTURE AND ENVIRONMENT, LLC., (Fed. I.D. #20-5814224), a limited liability company licensed under the laws of the State of Iowa, party of the second part, hereinafter referred to as "Consultant" as follows:

THE CITY HEREBY AGREES TO RETAIN THE CONSULTANT FOR THE PROJECT AS DESCRIBED IN THIS AGREEMENT AND CONSULTANT AGREES TO PERFORM THE PROFESSIONAL SERVICES AND FURNISH THE NECESSARY DOCUMENTATION FOR THE PROJECT AS GENERALLY DESCRIBED IN THIS AGREEMENT.

1. SCOPE OF SERVICES

Services provided under this Agreement shall be as further described in Attachment 1, Scope of Services.

2. SCHEDULE

The schedule of the professional services to be performed shall conform to the Schedule set forth in Attachment 2. Any deviations from the Schedule shall be approved by the authorized City representative. The City agrees that the Consultant is not responsible for delays arising from a change in the scope of services, a change in the scale of the Project or delays resulting from causes not directly or indirectly related to the actions of the Consultant.

3. COMPENSATION

- A. In consideration of the professional services provided herein, the City agrees to pay the Consultant the following fee, a maximum NOT-TO-EXCEED, including any authorized reimbursable expenses, pursuant to the Schedule of Fees set forth in Attachment 3.

I. Basic Services of the Consultant	
A. Project Coordination	\$ 29,460.00
B. Design Survey and Mapping	\$ 94,260.00
C. Functional Design	\$ 114,000.00
Total	\$ 237,720.00

- B. The Consultant shall invoice the City monthly for services, any reimbursable expenses and any approved amendments to this Agreement, based upon services actually completed at the time of the invoice. Final payment shall be due and payable within 30 days of the City's acceptance of Consultant's submission of final deliverables in accordance with the Scope of Services.

- C. In consideration of the compensation paid to the Consultant, the Consultant agrees to perform all professional services to the satisfaction of the City by performing the professional services in a manner consistent with that degree of care and skill ordinarily exercised by members of Consultant's profession currently practicing under similar circumstances. If the performance of this Agreement involves the services of others or the furnishing of equipment, supplies, or materials, the Consultant agrees to pay for the same in full.

4. INSURANCE

- A. Consultant shall provide insurance as specified in the City of Ankeny Insurance Requirements For Professional Services provisions attached to and made part of this Agreement.
- B. Failure of Consultant to maintain any of the insurance coverages set forth above shall constitute a material breach of this Agreement.

5. NOTICE

Any notice to the parties required under this agreement shall be in writing, delivered to the person designated below, by United States mail or in hand delivery, at the indicated address unless otherwise designated in writing.

FOR THE CITY:

Name: City of Ankeny
Attn: Mark Mueller, P.E.
Address: 220 W. 1st Street
City, State: Ankeny, IA 50023-1751

FOR THE CONSULTANT:

Name: Foth Infrastructure and Environment, LLC
Attn: Patrick Kueter, P.E.
Address: 8191 Birchwood Court, Suite L
City, State: Johnston, IA 50131

6. GENERAL COMPLIANCE

In the conduct of the professional services contemplated hereunder, the Consultant shall comply with applicable state, federal, and local law, rules, and regulations, technical standards, or specifications issued by the City. Consultant must qualify for and obtain any required licenses prior to commencement of work, including any professional licenses necessary to perform work within the State of Iowa.

7. STANDARD OF CARE

Services provided by the Consultant under this Agreement shall be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

8. INDEPENDENT CONTRACTOR

Consultant understands and agrees that the Consultant and Consultant's employees and representatives are not City employees. Consultant shall be solely responsible for payment of salaries, wages, payroll taxes, unemployment benefits, or any other form of compensation or benefit to Consultant or Consultant's employees, representatives or other personnel performing the professional services specified herein, whether it be of a direct or indirect nature. Further, it is expressly understood and agreed that for such purposes neither Consultant nor Consultant's employees, representatives or other personnel shall be entitled to any City payroll, insurance, unemployment, worker's compensation, retirement, or any other benefits whatsoever.

9. NON-DISCRIMINATION

Consultant will not discriminate against any employee or applicant for employment because of race, color, sex, national origin, religion, age, handicap, or veteran status. Consultant will, where appropriate or required, take affirmative action to ensure that applicants are employed, and that employees are treated, during employment, without regard to their race, color, sex, or national origin, religion, age, handicap, or veteran status. Consultant will cooperate with the City in using Consultant's best efforts to ensure that Disadvantaged Business Enterprises are afforded the maximum opportunity to compete for subcontracts of work under this Agreement.

10. HOLD HARMLESS

Consultant agrees to indemnify and hold harmless the City, its officers, agents, and employees from any and all claims, settlements and judgments, to include all reasonable investigative fees, attorney's fees, and court costs for any damage or loss which is due to or arises from a breach of this Agreement, or from negligent acts, errors or omissions in the performance of professional services under this Agreement and those of its sub consultants or anyone for whom Consultant is legally liable.

11. ASSIGNMENT

Consultant shall not assign or otherwise transfer this Agreement or any right or obligations therein without first receiving prior written consent of the City.

12. APPROPRIATION OF FUNDS

The funds appropriated for this Agreement are equal to or exceed the compensation to be paid to Consultant. The City's continuing obligations under this Agreement may be subject to appropriation of funding by the City Council. In the event that sufficient funding is not appropriated in whole or in part for continued performance of the City's obligations under this Agreement, or if appropriated funding is not expended due to City spending limitations, the City may terminate this Agreement without further compensation to the Consultant. To the greatest extent allowed by law, the City shall compensate Consultant as provided in Section 18(B) of this Agreement.

13. AUTHORIZED AMENDMENTS TO AGREEMENT

- A. The Consultant and the City acknowledge and agree that no amendment to this Agreement or other form, order or directive may be issued by the City which requires additional compensable work to be performed if such work causes the aggregate amount payable under the amendment, order or directive to exceed the amount appropriated for this Agreement as listed in Section 3, above, unless the Consultant has been given a written assurance by the City that lawful appropriation to cover the costs of the additional work has been made.
- B. The Consultant and the City further acknowledge and agree that no amendment to this Agreement or other form, order or directive which requires additional compensable work to be performed under this Agreement shall be issued by the City unless funds are available to pay such additional costs, and the Consultant shall not be entitled to any additional compensation for any additional compensable work performed under this Agreement. The Consultant expressly waives any right to additional compensation, whether in law or equity, unless prior to commencing the additional work the Consultant was given a written amendment, order or directive describing the additional compensable work to be performed and setting forth the amount of compensation to be paid, such amendment, order or directive to be signed by the authorized City representative. It is the Consultant's sole responsibility to know, determine, and ascertain the authority of the City representative signing any amendment, directive or order.

14. OWNERSHIP OF CONSULTING DOCUMENTS

All sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall become the property of the City; a reproducible set shall be delivered to the City at no additional cost to the City upon completion of the plans or termination of the services of the Consultant. All drawings and data shall be transmitted in a durable material, with electronic files provided when feasible to do so. The Consultant's liability for use of the sketches, tracings, plans, specifications, reports, and other data prepared under this Agreement shall be limited to the Project.

15. INTERPRETATION

No amendment or modification of this Agreement shall be valid unless expressed in writing and executed by the parties hereto in the same manner as the execution of the Agreement. This is a completely integrated Agreement and contains the entire agreement of the parties; any prior written or oral agreements shall be of no force or effect and shall not be binding upon either party. The laws of the State of Iowa shall govern and any judicial action under the terms of this Agreement shall be exclusively within the jurisdiction of the district court for Polk County, Iowa.

16. COMPLIANCE WITH FEDERAL LAW

To the extent any federal appropriation has or will be provided for the Project, or any federal requirement is imposed on the Project, Consultant agrees that Consultant will comply with all relevant laws, rules and regulations imposed on City and/or Consultant necessary for receipt of the federal appropriation. Consultant shall provide appropriate certification regarding Consultant's compliance.

17. SOLICITATION AND PERFORMANCE

- A. The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working for the Consultant, to solicit or secure this Agreement, and that the Consultant has not paid or agreed to pay any company or person other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or contingent fee.
- B. The Consultant shall not engage the services of any person or persons in the employ of the City at the time of commencing such services without the written consent of the City.

18. SUSPENSION AND TERMINATION OF AGREEMENT

- A. The right is reserved by the City to suspend this Agreement at any time. Such suspension may be affected by the City giving written notice to the Consultant, and shall be effective as of the date established in the suspension notice. Payment for Consultant's services shall be made by the City for services performed to the date established in the suspension notice. Should the City reinstate the work after notice of suspension, such reinstatement may be accomplished by thirty (30) days written notice within a period of six (6) months after such suspension, unless this period is extended by written consent of the Consultant.
- B. Upon ten (10) days written notice to the Consultant, the City may terminate the Agreement at any time if it is found that reasons beyond the control of either the City or Consultant make it impossible or against the City's interest to complete the Agreement. In such case, the Consultant shall have no claims against the City except for the value of the work performed up to the date the Agreement is terminated.

- C. The City may also terminate this Agreement at any time if it is found that the Consultant has violated any material term or condition of this Agreement or that Consultant has failed to maintain workers' compensation insurance or other insurance provided for in this Agreement. In the event of such default by the Consultant, the City may give ten (10) days written notice to the Consultant of the City's intent to terminate the Agreement. Consultant shall have ten (10) days from notification to remedy the conditions constituting the default.
- D. In the event that this Agreement is terminated in accordance with paragraph 3 of this section, the City may take possession of any work and may complete any work by whatever means the City may select. The cost of completing said work shall be deducted from the balance which would have been due to the Consultant had the Agreement not been terminated and work completed in accordance with the contract documents.
- 5) The Consultant may terminate this Agreement if it is found that the City has violated any material term or condition of this Agreement. In the event of such default by the City, the Consultant shall give ten (10) days written notice to the City of the Consultant's intent to terminate the Agreement. City shall have ten (10) days from notification to remedy the conditions constituting the default.

19. TAXES

The Consultant shall pay all sales and use taxes required to be paid to the State of Iowa on the work covered by this Agreement. The Consultant shall execute and deliver and shall cause any sub-consultant or subcontractor to execute and deliver to the City certificates as required to permit the City to make application for refunds of said sales and use taxes as applicable. The City is a municipal corporation and not subject to state and local tax, use tax, or federal excise taxes.

20. SEVERABILITY

If any portion of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, the remaining portions of this Agreement shall continue in full force and effect.

21. MISCELLANEOUS HEADINGS

Title to articles, paragraphs, and subparagraphs are for information purposes only and shall not be considered a substantive part of this Agreement.

22. FURTHER ASSURANCES

Each party hereby agrees to execute and deliver such additional instruments and documents and to take all such other action as the other party may reasonably request from time to time in order to effect the provisions and purposes of this Agreement.

23. COUNTERPARTS

This Agreement may be executed in any number of counterparts, each of which shall constitute an original document, no other counterpart needing to be produced, and all of which when taken together shall constitute the same instrument.

Foth Infrastructure and Environment, L.L.C.
Project No. 18A039.01
Date: December 17, 2018

West First Street Widening and Improvements – Phase 1
SW Scott Street to SW Logan Street
Ankeny, Iowa

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly authorized officers or agents on the day and year first above written.

Foth Infrastructure and Environment, LLC

CITY OF ANKENY, IOWA

BY: Patrick P. Kueter
Patrick P. Kueter, P.E.
Client Director

BY: Gary Lorenz
Gary Lorenz, Mayor

WITNESS

Molly Long
Name: Molly D. Long, P.E.
Title: Lead Engineer

ATTEST

Pamela DeMouth
Name: Pamela DeMouth
Title: City Clerk

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ATTACHMENT 1

SCOPE OF SERVICES

The work to be performed by the Consultant under this Agreement shall encompass and include detailed work, services, materials, equipment and supplies necessary to complete the following Scope of Services for the Project.

The Project consists of the reconstruction of West First Street from just east of SW Scott Street to just east of SW Logan Street in Ankeny, Iowa. Services to be completed by the Consultant as part of this initial Scope of Services includes initial project coordination, design survey and mapping, drainage study of the project area, and functional layout out of the proposed roadway improvements.

This Scope of Services is based on the following project assumptions:

- West First Street project length is approximately 3,100 LF.
- Side Streets are assumed to reconnect within 100-ft of West First Street.
- Preliminary design including preparation of acquisition plats and easements, final design, and construction period services will be completed under future Amendments to this Professional Services Agreement.

The Scope of Services to be performed by the Consultant shall be completed in accordance with generally accepted standards of practice and shall include the services to complete the following tasks:

I. BASIC SERVICES OF THE CONSULTANT.

The Consultant shall consult on a regular basis with the City to clarify and define the City's requirements for the Project and review available data. The City agrees to furnish to the Consultant full information with respect to the City's requirements, including any special or extraordinary considerations for the Project or special services needed, and also to make available pertinent existing data. The Consultant shall provide the following basic services in regards to the Project:

A. Project Coordination

The Consultant will complete the following project coordination activities as part of this initial Scope of Services.

Task 1 – Design Development Coordination

The Consultant will maintain communications with the City to review progress and discuss specific elements of the project design and receive direction from the City. The meetings will also serve to establish schedules, develop project goals, establish initial design parameters, promote a dialog between the various entities, improve the decision-making process, and expedite design development. Prepare minutes of meetings and keep documentation of other communications. For budget purposes, the Consultant will attend three (3) meetings that will be attended by three (3) staff members of the Consultant.

Task 2 – Iowa DOT Coordination – Future task.

Task 3 – Public Transit Coordination

The Consultant will attend a meeting with Des Moines Area Regional Transit (DART) to address specific design development elements. The Consultant will prepare meeting minutes and keep documentation of other communications. It is anticipated that there will be one (1) meeting(s) with representatives of DART to review the functional design elements in preparation for preliminary design.

Task 4 - Utility Coordination Meetings

The Consultant will conduct two (2) utility coordination meetings with representatives of various utility companies. The first meeting will be to advise the utility of the nature and extent of the

proposed improvements and solicit mapping and input from the utility to develop an understanding of the order of magnitude and limitations of their facilities located within the project corridor. The second meeting will be to review the collected field data, identify any missing information, share with each utility the proposed functional layout of the project, and begin initial assessments of impacts to each utility. The Consultant shall document all communications and correspondence with each utility company and share with the City prior to the start of preliminary design. Known utilities in the corridor include:

- MidAmerican Energy Company
- CenturyLink Communications
- Aureon Network Services
- Windstream Communications
- Unite Private Network
- City of Ankeny
- Ankeny Community Schools
- Mediacom Communications

It is anticipated that additional utility coordination meetings will be completed as part of the future preliminary and final design tasks.

Task 5 – Project Information Meetings – Future task.

Task 6 – Periodic Meetings with Local Elected Officials – Task completed by City Staff.

Task 7 – Maintain and Update Project Mailing List

The Consultant will maintain the project mailing list and update it as needed to include all local officials, agencies, and interested parties. The City will provide the initial list of interested parties.

Task 8 - Project Management

The project manager for the Consultant will be responsible for maintaining coordination with the City, monthly progress reporting, minutes of meetings, interoffice memoranda, and project invoicing. This task also includes scheduling of staff, review of progress, and senior review of deliverables.

Project duration is anticipated to be three (3) months for this phase of the project.

B. Design Survey and Mapping

The Consultant shall perform field and office tasks required to collect topographic information deemed necessary to complete the Project. The City shall provide aerial photographic information and other available mapping of the Project area. The specific supplemental survey tasks to be performed include the following:

Task 1 – Project Control

Establish supplemental horizontal and vertical control for the Project area based on the City permanent Horizontal and Vertical Control monuments and prior Ankeny Boulevard and First Street Intersection project control. Each permanent control point or benchmark shall have horizontal coordinates or elevation, recovery information, and monument description. Accurate descriptions of the horizontal control points and benchmarks will be created and recorded on the plan sheets.

Mobile LiDAR Control

Utilize a base/rover GNSS survey system to establish coordinates on approximately 15 pavement locations. Each photo control point will be observed twice separated by a 3-4 hour window to allow different satellite geometry to verify coordinate accuracy.

Task 2 - Topographic Survey

Perform topographic surveys required for the development of the Project. Horizontal and vertical accuracies shall be adequate to produce a map that is compatible with the topographic data for incorporation into the existing mapping.

Mobile LIDAR Scan and Support

When working within the City right-of-way, safety of the traveling public and the field crews are of primary concern. On the day of the scan mission, the Consultant will provide a survey vehicle equipped with safety lights to assist the Mobile LIDAR Scan Vehicle (MLSV) with on-site logistics. Coordinate with the City and local law enforcement to request assistance with a rolling traffic break (during non-peak hours) behind the MLSV for added level of safety and to minimize interruption of normal traffic flow. The rolling traffic break minimizes the presence of potential obstructions in the scan data that may block the scanner's line-of-sight and prevent the capture of the full roadway prism and critical design features. The speed of the MLSV and rolling traffic break is typically just below the posted speed limit and will result in minimal disruption of normal traffic flow.

Mobile LIDAR Data Adjustment

The scan data will initially be tied to a project specific control point, by use of a static GNSS base station, on-board GNSS, and Inertial Measurement Unit (IMU) sensors. Scan data for this project will further be constrained to the Mobile LIDAR Control set in above tasks.

Task 3 - Utility Survey

Utilize the Iowa One-Call Design Request System to identify utility owners of record, obtain existing utility mapping information, and request that buried utilities be marked in the field. Field survey marked utilities, incorporate into project base map, and document utility name and contact information on the utility legend. This task includes establishing manhole and intake elevations for existing sanitary sewer, storm sewer, and roadway culverts. Excavating to expose buried utilities is not part of this agreement.

Anticipated utilities to be surveyed include phone, gas, fiber optic, water main and water valves, overhead/underground electrical, and sanitary sewer and storm sewer manholes.

Task 4 - Wetland Delineation Survey – Task not used.

Task 5 - Property Ownership and Research

Research City and County records including right-of-way strip maps, subdivision plats, section corner ties, and surveys; locate existing boundary corner monuments; establish property lines, right-of-way lines, section lines, and easements; and determine ownership of the properties affected by the project. Prepare a drawing with property lines, right-of-way lines, section lines, and easements within the project area as shown on the existing plats and other documents of record along with the land corner monuments and boundary corner monuments located in field. Review property ownership information from public records and add property owner names to the project mapping for public display and plan preparation purposes.

Task 6 - Right-of-Way Survey

Perform right-of-way surveys required for the development of the project. The right-of-way surveys shall be in-depth legal surveys for which acquisition plats are to be developed.

This task includes a thorough search of City, County, and State records to review all surveys of record pertaining to the survey corridor, including County Auditor's Subdivision Plats, original government surveys, early surveys made by County Surveyors, all irregular land survey, and road establishment records. Copies of such records are to be included in the project file for future reference.

This task also includes obtaining sufficient field data to locate or establish property lines affected by the project to enable the preparation of the improvement plans. This includes locating section corners, property pins, and visible lines of occupation such as fences, field divisions, or any other lines, indicating possession. A diligent effort must be made to recover existing land corner monuments necessary to describe the right-of-way along the project corridor.

The task includes incorporation of property lines, right-of-way lines, and ownership of properties affected by the project into the base mapping for the project. The base mapping will identify the owners and approximate boundaries of all appropriate parcels within the survey limits.

Task 7 - Project Base Map

Incorporate field surveys into an electronic base map to be used for the design of the project. Incorporate property lines, right-of-way lines, and property ownership for parcels located within the project limits into the base map.

For budgetary purposes, it is assumed that twenty-eight (28) parcels are within the project limits.

Task 8 - Soil-Boring Location Survey – Future task.

Task 9 – Pond Sediment Survey - Task not included.

Task 10 - Public Notice of Project

Prepare project notice letter for property owners directly adjacent to the project. This letter will provide a brief project description, notification of property surveys, anticipated schedule, and contact information. Distribute the notice letter following the City review and approval.

Task 11 – Report of Record Ownership and Liens (Title Searches)

For preliminary land survey purposes and for preparation of acquisition documents, place an order with a Polk County abstractor for the form of record of property ownership and liens certificates to identify and fulfill title vesting requirements. These reports will be used during the project design to identify ownership information, existing rights of way, and other encumbrances of record. Such reports are also required for properties that will have fee acquisitions or will be encumbered by an easement as part of the project.

Report of record ownership and liens will be obtained for up to twenty-eight (28) parcels.

C. Functional Design

Complete functional design layout for the proposed improvements. The primary focus will be on development of roadway geometrics, identify existing and proposed utility locations, identify existing and proposed right-of-way needs, and develop a general staging concept to construct the improvements. The work to be performed by the Consultant under the Functional Design phase shall consist of the following tasks:

Task 1 - Develop Design Criteria

The Consultant will summarize and submit to the City design criteria used to develop the project. Criteria will conform to the City, Iowa DOT, SUDAS, and AASHTO design standards. The criteria to be addressed include:

- Functional classification and design type
- Design speed and Regulatory speed
- Design vehicles for intersection design
- Widths of travel lanes, parking areas, and right-of-way
- Preferred Clear Zone
- Acceptable Clear Zone
- Provisions for pedestrians and/or bicycles
- Street lighting requirements
- Utility corridor locations

Prepare a brief technical memorandum documenting the proposed criteria. The memorandum will be reviewed, revised, and approved by the City prior to proceeding with subsequent tasks.

Task 2 - Develop Typical Sections

Develop typical sections for the mainline street improvements. This task includes lane widths, curb section/type, sidewalk widths, right-of-way widths, pavement types, and clear-zones. This task does not include pavement and subgrade design. This task also includes identifying potential storm sewer, sanitary sewer, water main, fiber optics, and other utility locations in the development of the typical sections. Detailed design calculations and capacity analysis for storm sewer, water main, or sanitary sewer is not included as part of this task.

It is anticipated that three (3) typical cross sections will be developed for West First Street that includes widening to the north, widening to the south, or a symmetrical widening about the centerline of the existing roadway. Typical cross sections will also be developed for each of the side street connections.

Task 3 - Develop Functional Geometrics

Develop functional geometrics that includes intersection return radii, sidewalk locations, and driveway locations for the project. Included as part of this task is turning design vehicle templates at the intersections.

Task 4 - Develop Horizontal Alignments

Utilizing functional geometrics and design survey, develop horizontal alignments for the mainline and connecting roadways. The alignments will be developed based on the technical memorandum summarizing the design criteria.

Task 5 – Preliminary Drainage Analysis

Review record plans and previous projects to inventory existing stormwater system and established existing drainage patterns. Field located stormwater structures and measure pipe sizes outside of the vicinity of the West First Street project limits to incorporate into hydraulic model. Complete preliminary TR-20 hydraulic analysis of the drainage basin based on Chapter 2 SUDAS Design Manual. Quantify stormwater runoff for the 5-yr, 10-yr, 50-yr, and 100-yr recurrence intervals. Review preliminary analysis with City and identify potential deficiencies. Determine order of magnitude storm sewer size, costs, and/or potential detention facility storage requirements for stated recurrence intervals. Review and determine capacity improvements to take forth into preliminary and final design.

Based on review of the City GIS information and available mapping, it is assumed that the drainage basin limits for this project are generally bounded by SW 3rd Street on the south, West First Street on the north, SW Des Moines Street on the west, and S Ankeny Boulevard on the east. In general, the current outlets for the existing West First Street system drains east down East First Street as well as north towards Hawkeye Pond.

Complete additional field work to validate/resolve GIS storm sewer invert and flowline information outside the immediate Project limits but within the defined drainage basin flowing to the Project. Additional field work will be limited to the major public infrastructure only and will not include minor structures such as roof drains or cleanouts or accessing private property or private infrastructure. Assumed additional field effort is based on two (2) field members for 80-hrs each to complete this task.

Task 6 – Water Main Layout

Review the existing water distribution system with City staff and identify changes that the proposed roadway improvements will have on the existing system. Determine locations of hydrants, valves, water services, and other key connections and develop a staging plan to maintain water service throughout the duration of construction. No water main demand and sizing is anticipated as part of this project.

Task 7 – Sanitary Sewer Review

Review existing sanitary sewer video inspections provided by the City and identify deficiencies and locations of repair or replacement. Review and identify existing manhole structures that need to be replaced. No sanitary sewer flow calculations or sizing is anticipated as part of this project.

Task 8 – Functional Design Exhibit

Prepare functional design exhibit that will consist of a full-size aerial strip map that shows the major project features. Include new roadway features, driveway locations, sidewalk locations, water main locations, storm sewer locations, sanitary sewer locations, fiber optic locations, property lines, property ownership, anticipated right-of-way needs, changes in accesses, and major structure locations.

Task 9 – Functional Staging Plan Exhibit

Prepare high-level overview of anticipated staging necessary to construct the project. Identify the number of major stages and how traffic, utility service, and property access will be maintained during construction. Document any special consideration that public or private utilities will require during construction. Prepare memorandum that documents staging constraints, anticipated construction effort, and any special considerations that will be incorporated into the preliminary and final design.

PROJECT DELIVERABLES

The scope of services shall be considered complete upon completion and delivery of the following items to the satisfaction of the City:

- Design Criteria Technical Memorandum
- Preliminary Drainage Report
- Typical Sections Exhibit
- Functional Design Exhibit
- Functional Staging Plan Exhibit

ADDITIONAL SERVICES:

Additional Services are **not** included in this Agreement. If authorized under a Supplemental Agreement the Consultant shall furnish or obtain from others the following services:

- 1.) Preliminary Design
- 2.) Final Design
- 3.) Traffic Operation Analysis
- 4.) Preparation of Acquisition Plats and Easement Documents
- 5.) Real Estate Acquisition Services
- 6.) Environmental Evaluation and Documentation
- 7.) Historical and Archeological Preservation Investigations (Section 106)
- 8.) Geotechnical Exploration
- 9.) Subsurface Utility Investigations
- 10.) Construction Period Services

CITY'S RESPONSIBILITIES:

The City shall provide the following:

1. Provide existing utility plans and studies.
2. Provide existing street and utility plans/record drawings and utility maps for the project area.

Foth Infrastructure and Environment, L.L.C.
Project No. 18A039.01
Date: December 17, 2018

West First Street Widening and Improvements – Phase 1
SW Scott Street to SW Logan Street
Ankeny, Iowa

3. Provide televising of storm sewer or sanitary sewer if needed.
4. Provide existing topographic base mapping, aerial photo images, and other available electronic files pertinent to the Project.

ATTACHMENT 2

SCHEDULE

The Consultant shall complete the following phases of the Project in accordance with the schedule shown; assuming notice to proceed is issued by the City on or before December 17, 2018. If notice to proceed is given at a later date, time of completion shall be extended accordingly.

Project Coordination	October 2018 – February 2018
Design Survey and Mapping	October 2018 – December 2018
Functional Design	December 2018 – February 2019

ATTACHMENT 3 SCHEDULE OF FEES

FOTH INFRASTRUCTURE AND ENVIRONMENT, L.L.C 2018 STANDARD HOURLY RATE SCHEDULE

<u>CLASSIFICATION</u>	<u>HOURLY RATE</u>
Director	\$191.00
Project Manager	\$160.00-\$186.00
Project Scientist	\$110.00-\$135.00
Project Engineer	\$134.00-\$178.00
Staff Engineer	\$108.00-\$132.00
Planner	\$108.00-\$178.00
Technology Manager	\$155.00
Technician	\$75.00-\$134.00
Construction Manager	\$155.00
Land Surveyor	\$125.00-\$158.00
Project Administrator	\$75.00-\$95.00
Administrative Assistant	\$60.00

REIMBURSABLE EXPENSES

1. All materials and supplies used in the performance of work on this project will be billed at cost plus 10%.
2. Auto mileage will be reimbursed per the standard mileage reimbursement established by the Internal Revenue Service. Service vehicle mileage will be reimbursed on the basis of \$0.88 per mile.
3. Charges for outside services such as soils and materials testing, fiscal, legal will be billed at their invoice cost plus 15%.
4. All other direct expenses will be invoiced at cost plus 10%.

ADJUSTMENTS TO FEE SCHEDULE

1. Fee schedule effective January 1, 2018. Rates subject to change annually on January 1.

City of Ankeny Insurance Requirements for Professional Services

1. Foth Infrastructure and Environment, LLC shall furnish a signed Certificate of Insurance to the City of Ankeny, Iowa for the coverage required in Exhibit A prior to commencing work and at the end of the project if the term of work is longer than 60 days. Providers presenting annual certificate shall present a Certificate at the end of each project with the final billing. Each Certificate shall be prepared on the most current ACORD form approved by the Iowa Department of Insurance or an equivalent. Each Certificate shall include a statement under Description of Operations as to why issued. Eg: Project # __ or Lease of premises at _____ or construction of _____.
2. All policies of insurance required hereunder shall be with a carrier authorized to do business in Iowa and all carriers shall have a rating of A or better in the current A.M. Best's Rating Guide.
3. Each Certificate shall be furnished to the contracting department of the City of Ankeny.
4. Failure to provide minimum coverage shall not be deemed a waiver of these requirements by the City of Ankeny. Failure to obtain or maintain the required insurance shall be considered a material breach of this agreement.
5. Subcontractors and sub subcontractor performing work or service shall provide a Certificate of Insurance in accord with Exhibit A.
6. All required endorsements to various policies shall be attached to Certificate of Insurance.
7. Whenever a specific ISO form is listed, an equivalent form may be substituted subject to the provider identifying and listing in writing all deviations and exclusions that differ from the ISO form.
8. Provider shall be required to carry the minimum coverage / limits, or greater if required by law or other legal agreement, in Exhibit A.
9. Whenever an ISO form is referenced the current edition of the form must be used.
10. By requiring such insurance, the City of Ankeny shall not be deemed or construed to have assessed the risk that may be applicable to the Contractor its agents, representatives, employees, or sub-consultants under this Contract. The insurance requirements herein for this Contract in no way limit the indemnity covenants contained in the Contract.
11. The City of Ankeny in no way warrants that the limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, its agents, representatives, employees, or subcontractors. The Contractor shall assess its own risks and if it deems appropriate and/or prudent, maintain higher limits and/or broader coverages. The Contractor is not relieved of any liability or other obligations assumed or pursuant to the Contract by reason of its failure to obtain or maintain insurance in sufficient amounts, duration, or types.

Exhibit A

A) COMMERCIAL GENERAL LIABILITY

General Aggregate Limit	\$ 2,000,000
Products-Completed Operations Aggregate Limit	\$ 1,000,000
Personal and Advertising Injury Limit	\$ 1,000,000
Each Occurrence	\$ 1,000,000
Fire Damage Limit (any one occurrence)	\$ 50,000
Medical Payments	\$ 5,000

- a) Coverage shall be written on an occurrence, not claims made, form. All deviations from the standard ISO commercial general liability form CG 0001, or Business owners form BP 0002, shall be clearly identified.
- b) Include endorsement indicating that coverage is primary and non-contributory.
- c) Include endorsement to preserve Governmental Immunity. (Sample attached).
- d) Include an endorsement that deletes any fellow employee exclusion.
- e) Include additional insured endorsement for:
The City of Ankeny, including all its elected and appointed officials, all its employees and volunteers, all its boards, commissions and/or authorities and their board members, employees and volunteers. Use ISO form CG 2026.

B) AUTOMOBILE LIABILITY \$ 1,000,000 (Combined Single Limit)

C) WORKERS' COMPENSATION & EMPLOYERS LIABILITY

Statutory benefits covering all employees injured on the job by accident or disease as prescribed by Iowa Code Chapter 85 as amended.

Coverage A	Statutory – State of Iowa
Coverage B	Employers Liability

Each Accident	\$100,000
Each Employee-Disease	\$100,000
Policy Limit-Disease	\$500,000

Policy shall include an endorsement providing a waiver of subrogation to the City of Ankeny.
Coverage B limits shall be greater if required by Umbrella Carrier.

D) UMBRELLA LIABILITY \$ 4,000,000

Umbrella liability coverage must be at least following form with the underlying policies included herein.

E) PROFESSIONAL LIABILITY

\$ 2,000,000

- The Contractor shall maintain Errors and Omissions Liability covering negligent acts, errors and/or omissions, including design errors of the Contractor for damage sustained by reason of or in the course of operations under this Contract.
- In the event that any professional liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of three (3) years beginning at the time work under this Contract is completed.
- Policy shall contain a waiver of subrogation against the City of Ankeny.

F) CONTRACTOR'S ENVIRONMENTAL LIABILITY

\$ 2,000,000

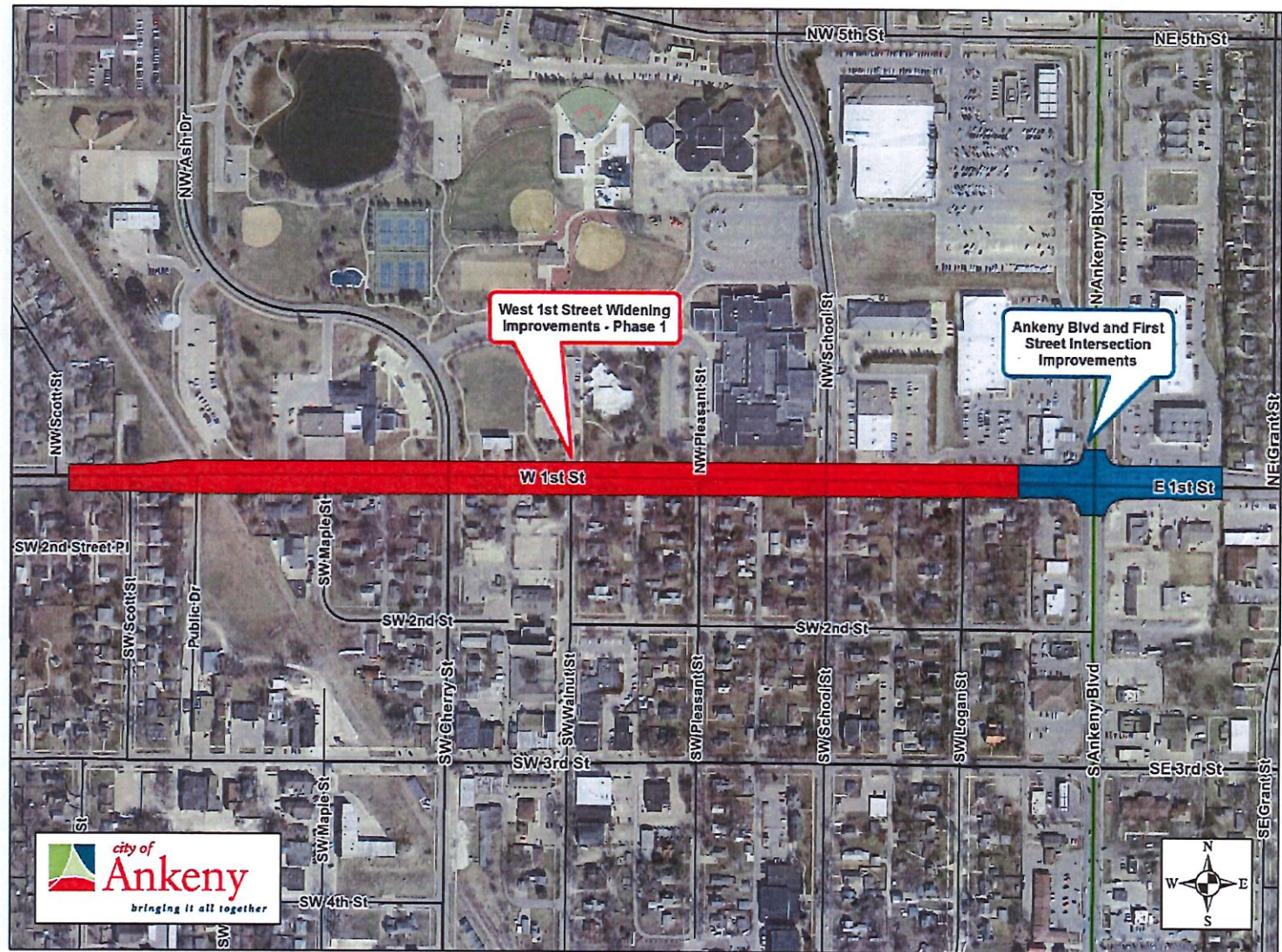
- Applicable if Professional Services performed includes Environmental activities included but not limited to: use or application of hazardous materials, environmental testing, monitoring, assessment or cleanup, transportation of hazardous materials, pesticide spraying and certain recycling and waste reduction activities.

Preservation of Governmental Immunities Endorsement

1. Nonwaiver of Governmental Immunity. The insurance carrier expressly agrees and states that the purchase of this policy and the including of the City of Ankeny, Iowa as an Additional Insured does not waive any of the defenses of governmental immunity available to the City of Ankeny, Iowa under Code of Iowa Section 670.4 as it now exists and as it may be amended from time to time.
2. Claims Coverage. The insurance carrier further agrees that this policy of insurance shall cover only those claims not subject to the defense of governmental immunity under the Code of Iowa Section 670.4 as it now exists and as it may be amended from time to time. Those claims not subject to Code of Iowa Section 670.4 shall be covered by the terms and conditions of this insurance policy.
3. Assertion of Governmental Immunity. The City of Ankeny, Iowa shall be responsible for asserting any defense of governmental immunity, and may do so at any time and shall do so upon the timely written request of the insurance carrier.
4. Non-Denial of Coverage. The insurance carrier shall not deny coverage under this policy and the insurance carrier shall not deny any of the rights and benefits accruing to the City of Ankeny, Iowa under this policy for reasons of governmental immunity unless and until a court of competent jurisdiction has ruled in favor of the defense(s) of governmental immunity asserted by the City of Ankeny, Iowa.
5. No Other Change in Policy. The above preservation of governmental immunities shall not otherwise change or alter the coverage available under this policy.



West First Street Widening Improvements – Phase 1 Project Limits





ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:

Consider motion to approve Amendment No. 1 to the Professional Services Agreement increasing the contract amount by \$528,787.00 with HDR Engineering, Inc. (HDR), for construction services on the NW Elevated Water Storage Tank Project.

EXECUTIVE SUMMARY:

The Municipal Utilities Department proposes to continue using HDR to provide construction services for this project. The scope of the construction services along with the corresponding fees are shown in the attached Amendment No.1 to the Professional Services Agreement. A copy of the original Professional Services agreement is attached for reference. The fee for the construction services for the NW Elevated Water Storage Tank Project is \$528,787.00. The original Professional Services Agreement for design engineering services was \$462,000.00. Adding Amendment #1 to the Professional Services Agreement increases the total contract to \$990,787.00.

This construction services amendment covers the intended 2-year duration of construction of the new NW Elevated Water Storage Tank. It will include other sub-contracting companies for survey, construction materials testing, and welding/painting inspection services. Nilles and Associates will be completing the survey

work for \$15,000.00. Terracon will be completing all materials testing including concrete, soils, etc. for \$12,517.00. Dixon Engineering will be completing the welding/painting inspection for \$106,225.00. HDR will have construction administration and observation services for \$395,045.00. All of these together total the \$528,787.00 for this construction services amendment.

It is recommended that the City Council approve Amendment No. 1 to the Professional Services Agreement with HDR in the amount of \$528,787.00 for the NW Elevated Water Storage Project.

FISCAL IMPACT: No

This project was included in the City of Ankeny's CIP for 2024 - 2025 construction.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the City Council approve Amendment No. 1 to the Professional Services Agreement with Foth in the amount of \$528,787.00 for the NW Elevated Water Storage Tank Project.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Amendment #1
 Professional Services Agreement

AMENDMENT TO AGREEMENT
FOR
ENGINEERING SERVICES

WHEREAS:

HDR ENGINEERING, INC. ("ENGINEER OR CONSULTANT") entered into an Agreement on 6th day of June, 2022 to perform engineering services for the CITY OF ANKENY, IOWA ("OWNER");

The OWNER to amend this Agreement in order for HDR to perform services beyond those previously contemplated;

HDR is willing to amend the agreement and perform the additional engineering services.

NOW, THEREFORE, the OWNER and ENGINEER do hereby agree:

The Agreement and the terms and conditions therein shall remain unchanged other than those sections and exhibits listed below;

Modify Exhibit A by adding the following to Task 4.2, after Item 4.h.:

- g. City Planning and Zoning Commission requirements, including City planning application, public utility easement, public sanitary easement, Mid-American electric utility metes and bounds, stormwater management easement, and final plat survey.

Modify Exhibit A by adding the following to Task 4.2, under "HDR Deliverables":

- 6. City Planning and Zoning applications, easement, and final plat documents

Modify Exhibit A by adding the following scope documents (which are attached):

Exhibit A-1, Scope of Services, (Amendment 1) for NW Irvinedale Drive Elevated Water Storage Tank, City of Ankeny, Iowa, and Exhibit A-2, Duties, Responsibilities, And Limitations Of Authority Of Resident Project Representative (Amendment 1)

Modify Section IV. By adding the following two paragraphs:

"Compensation for ENGINEER'S services added to Design Task 4.2 shall be on the basis of lump sum. The amount of the lump sum to be added to the Design Task 4.2 is eleven thousand, seven hundred fifty and 00/100 dollars (\$11,750).

Compensation for ENGINEER'S services added for Construction phase services shall be on the basis of time and material with a multiplier of 3.18 and a not-to-exceed amount of five

hundred seventeen thousand, thirty-seven and 00/100 dollars (\$517,037.00).

The grand total additional cost included in this amendment is five hundred twenty-eight thousand, seven hundred eighty-seven and 00/100 Dollars (\$528,787.00). "

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year written below:

HDR ENGINEERING, INC. ("ENGINEER")

CITY OF ANKENY, IOWA ("OWNER")

By: Matthew B. Tondl

By: _____

Name: Matthew B. Tondl

Name: _____

Title: Senior Vice President

Title: _____

Date: 12/01/2023

Date: _____

EXHIBIT A-1 (AMENDMENT 1)

SCOPE OF SERVICES

FOR

NW ELEVATED STORAGE TANK

CITY OF ANKENY, IOWA

PROJECT DESCRIPTION:

The City of Ankeny ("Owner" or "City") desires to provide a new elevated water storage tank on a previously acquired site ("Project"). The proposed Elevated Storage Tank (EST) site is located along the east side of NW Irvinedale Drive north of NW 36th Street within the City. The City also desires to locate new Public Works salt storage and brine makeup facilities on the common site. Coordination with Public Works for incorporation of the salt storage and brine makeup facilities into the overall site plan will be provided. However, design of the salt storage building and brine makeup facilities will not be provided in this Scope of Services. HDR Engineering, Inc. ("HDR" or "Engineer") provided design and bid phase services for the Project. This scope specifically addresses those construction phase services to be provided under Amendment 1 to the preceding Agreement.

SCOPE OF SERVICES TO BE PERFORMED BY HDR ON THE PROJECT, UNDER THIS AMENDMENT:

ARTICLE 1— CONSTRUCTION ADMINISTRATION

1.01 Upon successful completion of the Bidding/Proposal Phase, and upon written authorization from Owner, Engineer shall provide the following services:

- A. General Administration of Construction Contract: Consult with Owner and act as Owner's representative as provided in this Agreement and the Construction Contract. Unless otherwise set forth in the Agreement, Section I. Scope of Services (as duly modified), the extent and limitations of the duties, responsibilities, and authority of Engineer shall be as assigned in SUDAS, Section 1050, and the City of Ankeny's Supplemental Specifications to SUDAS. Except as otherwise provided in the Construction Contract, Owner's communications to Contractor will be issued through Engineer.
 - 1) If the responsibilities of Engineer as set forth in the Construction Contract are greater than those expressly required of Engineer herein, as duly modified, then Owner shall either (1) expand the scope of the Construction Phase services to match those of the Construction Contract, and compensate Engineer for any related increases in the cost to provide Construction Phase services, pursuant to the provisions for compensating Additional Services, or (2) identify a qualified individual or entity (other than Engineer) responsible for the additional responsibilities in the Construction Contract.

- 2) If Owner, or Owner and Contractor, modify the duties, responsibilities, and authority of Engineer in the Construction Contract, or modify other terms of the Construction Contract having a direct bearing on Engineer, or if Owner requires Engineer's services for construction that extends longer than the anticipated Construction Contract Times, then Owner shall compensate Engineer for any related increases in the cost to provide Construction Phase services, pursuant to the provisions for compensating Additional Services.
 - 3) Engineer shall not be required to furnish or perform services contrary to Engineer's responsibilities as a licensed professional.
- B. Resident Project Representative (RPR): Provide the services of an RPR at the Site to assist Engineer and to provide more extensive observation of Contractor's Work. Duties, responsibilities, and authority of the RPR are as set forth in SUDAS Section 1050 and Exhibit A-2. The furnishing of such RPR's services will not limit, extend, or modify Engineer's responsibilities or authority.
 - C. Pre-Construction Conference: Participate in and chair a pre-construction conference prior to commencement of Work at the Site; prepare and distribute agenda for the conference and prepare and distribute minutes of such conference.
 - D. Schedules: Receive, review, and, and, subject to the criteria of the Construction Contract, determine the acceptability of any and all schedules that Contractor is required to submit to Engineer, including the progress schedule, schedule of submittals, and schedule of values. Advise Contractor in writing of Engineer's comments or acceptance of schedules.
 - E. Schedules will be acceptable to Engineer as to form and substance:
 - a) Progress Schedule: if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work, nor interfere with or relieve Contractor from Contractor's full responsibility therefor.
 - b) Contractor's Schedule of Submittals: if it provides a workable arrangement for reviewing and processing the required Submittals.
 - F. Baselines and Benchmarks: As appropriate, establish baselines and benchmarks for locating the Work which in Engineer's judgment are necessary to enable Contractor to proceed.
 - G. Permits: Provide Owner with copies of technical information and supporting data previously obtained or developed by Engineer for Owner's use, or for Owner to provide to Contractor, in obtaining required permits and licenses delegated to Contractor by Owner.

- H. Visits to Site and Observation of Construction: In connection with observations of Contractor's Work while it is in progress:
- 1) Make visits to the Site at intervals appropriate to the various stages of the Work, as Engineer deems necessary, to observe as an experienced and qualified design professional, the progress of Contractor's executed Work. Such visits and observations by Engineer, including its RPR, if any, are not intended to be exhaustive or to extend to every aspect of the Work or to involve detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement and the Construction Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment, as assisted by its RPR, if any. Based on information obtained during such visits and observations, Engineer will determine in general if the Work is proceeding in accordance with the Construction Contract Documents, and Engineer shall keep Owner informed of the progress of the Work. Engineer will make a report of Engineer's visit, summarizing Engineer's general observations and any significant findings.
 - 2) The purpose of Engineer's visits to the Site, and representation by the Resident Project Representative, if any, at the Site, will be to enable Engineer to better carry out the duties and responsibilities assigned to by this Agreement and undertaken by Engineer during the Construction Phase, and, in addition, by the exercise of Engineer's efforts as an experienced and qualified design professional, to provide for Owner a greater degree of confidence that the completed Work will conform in general to the Construction Contract Documents and that Contractor has implemented and maintained the integrity of the design concept of the completed Project as a functioning whole as indicated in the Construction Contract Documents. Engineer will not, during such visits or as a result of such observations of the Work, supervise, direct, or have control over the Work, nor will Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to any Constructor's work in progress, for the coordination of the Constructors' work or schedules, nor for any failure of any Constructor to comply with Laws and Regulations applicable to furnishing and performing of its work. Accordingly, Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish or perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents.
 - 3) Visits shall be at least monthly and the Engineer shall document all visits to the project and make documentation available to the Owner and Agency.
- I. Defective Work: If, on the basis of Engineer's observations or as indicated in documentation available to Engineer, Engineer believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents, Engineer will promptly issue written notice to Contractor (with copy to

Owner) of such defective Work. Such notice will communicate the scope, extent (to Engineer's understanding) of defect, and associated provisions of the Construction Contract Documents.

- 1) Provide recommendations to Owner regarding whether Contractor should correct such Work or remove and replace such Work, or whether Owner should consider accepting the defective Work in accordance with the provisions of the Construction Contract Documents. Engineer shall give notice to Contractor regarding whether the defective Work should be repaired, replaced, or will be accepted by Owner.
 - 2) However, Engineer's authority to provide this information to Owner or Engineer's decision to exercise or not exercise such authority will not give rise to a duty or responsibility of the Engineer to Contractors, Subcontractors, material and equipment suppliers, their agents or employees, or any other person(s) or entities performing any of the Work, including but not limited to any duty or responsibility for Contractors' or Subcontractors' safety precautions and programs incident to the Work.
- J. Compatibility with Design Concept: If Engineer has express knowledge that a specific part of the Work that is not defective under the terms and standards set forth in the Construction Contract Documents is nonetheless not compatible with the design concept of the completed Project as a functioning whole, then inform Owner of such incompatibility, and provide recommendations for addressing such Work.
- K. Clarifications and Interpretations: Accept from Contractor and Owner submittal of all matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. Receive and log requests for information (RFI) from Contractor and Owner. With reasonable promptness, render a written clarification, interpretation, or decision on the issue submitted, or initiate an amendment or supplement to the Construction Contract Documents.
- L. Non-reviewable Matters: If a submitted matter in question concerns the Engineer's performance of its duties and obligations, or terms and conditions of the Construction Contract Documents that do not involve (a) the performance or acceptability of the Work under the Construction Contract Documents, (b) the design (as set forth in the Drawings, Specifications, or otherwise), or (c) other engineering or technical matters, then Engineer will promptly give written notice to Owner and Contractor that Engineer will not provide a decision or interpretation.
- M. Field Orders: Subject to any limitations in the Construction Contract Documents, Engineer may prepare and issue Field Orders requiring minor changes in the Work.

- N. Change Orders and Work Change Directives: Recommend Change Orders and Work Change Directives to Owner, as appropriate, and prepare Change Orders and Work Change Directives as required.
- O. Change Proposals and Claims
- 1) Review and respond to Change Proposals. Review each duly submitted Change Proposal from Contractor and, within 30 days after receipt of the Contractor's supporting data, either deny the Change Proposal in whole, approve it in whole, or deny it in part and approve it in part. Such actions must be in writing, with a copy provided to Owner and Contractor. If the Change Proposal does not involve the design (as set forth in the Drawings, Specifications, or otherwise), the acceptability of the Work, or other engineering or technical matters, then Engineer will notify the parties that the Engineer will not resolve the Change Proposal.
 - 2) Provide information or data to Owner regarding engineering or technical matters pertaining to Claims.
 - 3) Review Change Proposals to ensure compliance with American and Iron Steel requirements and subsequent statutes mandating domestic preference to verify the products were produced in the United States.
- P. Differing Site Conditions: Respond to any notice from Contractor of differing site conditions, including conditions relating to Underground Facilities such as utilities, and hazardous environmental conditions. Promptly conduct reviews and prepare findings, conclusions, and recommendations for Owner's use subject to limitations of Engineer's obligations under this Agreement.
- Q. Contractor's Submittals: Review and approve or take other appropriate action with respect to required Contractor Submittals, but only to determine if the items covered by the Submittals will, after installation or incorporation in the Work, comply with the requirements of the Construction Contract Documents, and for compatibility with the design concept of the completed Project as a functioning whole as indicated by the Construction Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer shall meet Contractor's Submittal schedule that Engineer has accepted; assuming that Contractor has included reasonable schedule conditions and provided specific submittal dates.
- 1) Engineer shall include review of American Iron and Steel compliance letters with applicable submittals that the Contractor is required to provide with submittals.
- R. Delegated Designs: Engineer's review, approval, and other determinations regarding design drawings, calculations, specifications, certifications, and other Submittals furnished by Contractor pursuant to an Owner-delegated design will be only for the following limited purposes:
- 1) Checking for conformance with the requirements of the Contract Documents.

- 2) Delegated design shall be provided pursuant to the professional standard of care by a properly licensed design professional, whose signature and seal must appear on all drawings, calculations, specifications, certifications, and Submittals prepared by such design professional. Such design professional must issue all certifications of design required by the Laws and Regulations of the State of Iowa.
 - 3) Confirming that Contractor (through its design professionals) has used the performance and design criteria specified in the Contract Documents
 - 4) Establishing that the design furnished by Contractor is consistent with the design concept expressed in the Contract Documents
 - 5) Receive and review all Manufacturers' Certification Letters for materials required to comply with American and Iron Steel requirements and subsequent statutes mandating domestic preference to verify the products were produced in the United States.
 - 6) Maintain log of submittals received, returned, and status.
- S. Substitutes and "Or-equals": Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor.
- T. For inspections and testing not specifically provided within the Engineer's scope of services:
- 1) Receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Construction Contract Documents. Engineer's review of such certificates will be for the purpose of determining whether the results certified indicate compliance with the Construction Contract Documents and will not constitute an independent evaluation that the content or procedures of such inspections, tests, or approvals comply with the requirements of the Construction Contract Documents. Engineer shall be entitled to rely on the results of such inspections and tests.
- U. Reply to Contractor requests for written concurrence that specific portions of the Work that are to be inspected, tested, or approved may be covered.
- V. Issue written requests to Contractor that specific portions of the Work remain uncovered.
- W. As deemed reasonably necessary, request that Contractor uncover Work that is to be inspected, tested, or approved.
- X. Pursuant to the terms of the Construction Contract, require additional inspections or testing of the Work, whether or not the Work is fabricated, installed, or completed.
- Y. Contractor's Applications for Payment: Based on Engineer's observations as an experienced and qualified design professional and on review of Applications for Payment and accompanying supporting documentation:

- 1) In accordance with SUDAS, Section 1090. Determine the amounts that Engineer recommends Contractor be paid. Recommend reductions in payment (set offs) based on the provisions for set offs stated in the Construction Contract. Such recommendations of payment will be in writing and will constitute Engineer's representation to Owner, based on such observations and review, that, within the limits of Engineer's knowledge, information and belief, Contractor's Work has progressed to the point indicated, the Work is generally in accordance with the Construction Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Construction Contract Documents, and to any other qualifications stated in the recommendation), and the conditions precedent to Contractor's being entitled to such payment appear to have been fulfilled in so far as it is Engineer's responsibility to observe the Work. In the case of unit price Work, Engineer's recommendations of payment will include final determinations of quantities and classifications of the Work (subject to any subsequent adjustments allowed by the Construction Contract Documents).
 - 2) By recommending payment, Engineer shall not thereby be deemed to have represented that observations made by Engineer to check the quality or quantity of Contractor's Work as it is performed and furnished have been exhaustive, extended to every aspect of Contractor's Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to Engineer in this Agreement. Neither Engineer's review of Contractor's Work for the purposes of recommending payments nor Engineer's recommendation of any payment including final payment will impose on Engineer responsibility to supervise, direct, or control the Work, or for the means, methods, techniques, sequences, or procedures of construction or safety precautions or programs incident thereto, or Contractor's compliance with Laws and Regulations applicable to Contractor's furnishing and performing the Work. It will also not impose responsibility on Engineer to make any examination to ascertain how or for what purposes Contractor has used the money paid to Contractor by Owner; to determine that title to any portion of the Work, including materials or equipment, has passed to Owner free and clear of any liens, claims, security interests, or encumbrances; or that there may not be other matters at issue between Owner and Contractor that might affect the amount that should be paid.
- Z. Contractor's Completion Documents: Receive from Contractor, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Construction Contract Documents, certificates of inspection, tests and approvals, Shop Drawings, Samples, and other data collected during Construction. Receive from Contractor and review the annotated record documents which are to be assembled by Contractor in accordance with the Construction Contract Document to obtain final payment. The Engineer shall prepare Record Drawings, and furnish such Record Drawings to Owner.

AA. Substantial Completion: Promptly after notice from Contractor that Contractor considers the entire Work complete and ready for its intended use, Engineer shall visit the Site in company with Owner and Contractor to review the Work. Engineer shall provide a punch list of items to be completed or corrected. Engineer shall determine if corrections made by Contractor are acceptable per the Contract's requirements.

BB. Other Tasks: Perform or provide the following other Construction Phase tasks or deliverables:

1) Startup Services

- a) Project Engineer will participate in and observe initial operation of the project (startup) and review operation and performance tests required by the contract specifications.
- b) Process, electrical, and instrumentation engineers will be made available to resolve startup issues as required.

2) State Revolving Fund (SRF) compliance

- a) Engineer's RPR shall review weekly payrolls from each contractor and subcontractor working on site for compliance with Davis-Bacon law requirements.
- b) Engineer's RPR shall conduct on-site interview with one randomly selected worker from each contractor for Davis-Bacon Compliance once every six (6) months.
- c) Engineer shall review American Iron and Steel compliance summaries prepared by the Contractor, such as waiver requests, minor components costs/lists, and de minimus costs/lists.

1.02 The following includes a list of Owner Activities that correspond to the aforementioned engineering services scope:

- A. Participate in the pre-construction conference.
- B. Participate in construction site visits by Engineer personnel.
- C. Provide review of meeting minutes within 15 days.
- D. Review and approve finalized payment requests.
- E. Review and approve finalized change order requests.
- F. Participate in project startup and training activities.
- G. Participate in site visits of the completed work and preparation of a punch list of items to be completed or remedied by Contractor.
- H. Verify completion of punch list items by Contractor.
- I. Execute final acceptance of the project.
- J. Conduct warranty reviews for the completed project.

1.03 The following is a list of Deliverables associated with the above scope of services:

- A. Monthly project status reports and invoices.

- B. Pre-construction conference agenda to invitees and minutes to attendees.
- C. Reviewed submittals with comments or approval to Contractor and Owner.
- D. Responses to RFIs to Contractor and Owner.
- E. Payment request comments to Contractor.
- F. Finalized payment requests to Owner.
- G. Change order request comments to Contractor.
- H. Finalized change order requests to Owner.
- I. Engineer site visit observation reports.
- J. Meeting minutes for meetings between Owner, Contractor, and Engineer.
- K. Punch list to Contractor and Owner.
- L. Recommendation of substantial completion to Owner.
- M. Certificate of substantial completion to Contractor.
- N. Recommendation of final completion to Owner.
- O. Certificate of final completion to Contractor.
- P. Record drawings to Owner.
- Q. Resident Project Representative daily field reports.

R. Key Understandings and Assumptions:

1. Duration of Construction and associated engineering services is assumed to be twenty-four (24) months. Services provided beyond this period will be considered Additional Services.
2. RPR services will focus on the work outside of the elevated water storage tank work, or the Project's sitework. Sitework is assumed to occur in one construction season. RPR hours assumed to be part-time for twelve (12) months, or 1,040 hours.
3. Budget labor hours for submittal review is based on seventy (70) total submittals/resubmittals of shop drawings and O&Ms and is budgeted for 258 hours.
4. Budget labor hours to review and response to RFIs is budgeted for 120 hours over 24 months.
5. Change order requests will be submitted no more frequently than monthly. Budget labor hours based on four (4) change orders.
6. Payment requests will be submitted monthly, budgeted for 60 hours over 24 months.
7. One site visit per month by Engineer, budgeted for 200 hours over 24 months.
8. Startup services from the Design Team are budgeted up to 44 hours.
9. Observation after the Work is complete to develop punch list is budgeted for 54 hours and includes Project Manager, engineers of Process, Civil, Structural, Electrical disciplines.
10. Construction final review is budgeted for 24 hours and includes Project Manager, engineers of Process, Civil, Structural, Electrical disciplines.
11. One (1) full-size and two (2) half size paper copies of record drawings and electronic CAD and PDF files will be furnished to Owner.
12. Completion and Acceptability of the Work: After notice from Contractor that the Work is complete.
13. Standards for Certain Construction-Phase Decisions: Engineer will render decisions regarding the requirements of the Construction Contract Documents, and judge the acceptability of the Work, pursuant to the specific procedures set forth in the Construction Contract for initial interpretations, Change Proposals, and acceptance of the Work. In rendering such decisions and judgments, Engineer will not show partiality to Owner or Contractor, and will not be liable to Owner, Contractor, or others in connection with any proceedings, interpretations, decisions, or judgments conducted or rendered in good faith.

- S. Duration of Construction Phase: The Construction Phase will commence with the execution of the Construction Contract for the Project and will terminate upon written recommendation by Engineer for final payment to Contractor. Engineer shall be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the Construction Contract.

ARTICLE 2—CONSTRUCTION SURVEY SERVICES

- 2.01 The following elevated storage tank construction staking and survey services are provided by subconsultant (Nilles Associates) under HDR and this Scope of Services:

- A. Provide site control points for machine grading.
- B. Staking site utilities including sanitary sewer, storm sewer, water main, and electric conduit.
- C. Staking site pavement and sidewalks. Engineer will set hub and lath with grades at offset locations necessary to construct the paving per the approved site plan.
- D. Staking of building to include building corners and/or building gridlines at appropriate offsets.
- E. Staking of elevated storage tank gridlines.

- 2.02 Record document survey services:

- A. Provide survey of location and elevation of site utilities including manholes, intakes, hydrants, and above ground appurtenances. Invert elevations will be provided for underground structures.
- B. As-built topography of the on-site detention basin will be collected and sent to the Owner to verify storage volume and elevations.
- C. Provide two full-size hard copies of record drawings and electronic files to Engineer and Owner.

- 2.03 The following is a list of Deliverables associated with the above scope of services:

- A. Record documents from item 2.02 above.

- 2.04 Key Understandings and Assumptions:

- A. Construction staking that the Engineer is responsible for will be performed by a subconsultant to Engineer.

ARTICLE 3—ELEVATED WATER STORAGE TANK INSPECTIONS AND TESTING

3.01 The following elevated storage tank testing and inspection services are provided by subconsultant (Dixon Engineering & Inspection Services) under HDR and this Scope of Services:

- A. Furnish a Tank Resident Representative (“TRR”) Engineer in observing the progress and quality of the Work, with particular emphasis on the portions of the elevated storage tank work.
 - 1) TRR shall primarily communicate and coordinate with Engineer. TRR communications directed to Contractor and Subcontractors shall only be through Engineer or as authorized by Engineer. TRR generally will not directly communicate with Owner.
 - 2) Safety compliance: TRR will comply with Site safety programs, as they apply to TRR, and if required to do so by such safety programs, receive safety training specifically related to TRR’s own personal safety while at the Site.
 - 3) Furnish daily observation reports
 - 4) Immediately inform Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, possible force majeure or delay events, damage to property by fire or other causes
 - 5) Observations – Weld Observe, Record, Report the following:
 - a) Observe steel delivered to Site for thickness, conformance to specifications, and quantity.
 - b) Review initial erection procedures and qualifications of all welders.
 - c) Observe welding procedures and practices and completed welding. Select locations for radiographic observation of steel welded at ground level.
 - d) Observe welding procedures and practices and welding completed in the air. Select locations on completed aerial construction for radiographic observation of erected steel.
 - e) X-rays located and taken by the Contractor, located, and observed by TRR are the property of the Owner. TRR will collect all x-rays, transmit to subconsultant’s (Dixon’s) certified welding inspector (CWI) for final review and report. After reviewing, x-rays and the CWI’s report will be provided to Engineer.
 - f) Review construction for completeness, installation of tank appurtenances, and final observation of all welding prior to withdrawal of the erection crew and removal of access equipment.
- B. Hold Point Coating Wet Interior - Observe, Record, Report the following:
 - 1) Set standard for spent abrasive cleaning and examine surface profile created.

- 2) Abrasive blast cleaning prior to application of the prime coat.
 - 3) Primer coat prior to application of the intermediate coat.
 - 4) Intermediate coating prior to application of the stripe or topcoat.
 - 5) Stripe coat prior to application of topcoat.
 - 6) Test Wet Interior coating using high/low voltage holiday detection.
 - 7) Topcoat for compliance with specifications.
- C. Exterior- Observe, Record, Report the following:
- 1) Low Pressure Water Cleaning (LPWC) for thoroughness and compliance with a set standard for abrasive blast cleaning.
 - 2) Abrasive blast cleaning prior to primer application.
 - 3) Prime coating prior to application of the intermediate coat.
 - 4) Intermediate epoxy coat prior to application of the next urethane intermediate coat.
 - 5) Intermediate urethane prior to application of the topcoat.
 - 6) Topcoat for compliance with specifications. Check foundations coating for compliance with specifications.
 - 7) Application of the lettering/logo for thoroughness, dimensions (visual only) and aesthetic appearance in accordance with specification requirements.
- D. Dry Interior- Observe, Record, Report the following:
- 1) LPWC for thoroughness and compliance with specifications.
 - 2) Set standard for abrasive cleaning and examine surface profile created.
 - 3) Prime coat prior to application of the intermediate coat.
 - 4) Stripe coat prior to application of topcoat.
 - 5) Topcoat for compliance with specifications. Review all contract items to ensure they have been completed according to contract requirements.
- E. Pit Piping- Observe, Record, Report the following:
- 1) Epoxy Prime coat, prior to application of the topcoat.
 - 2) Topcoat for compliance with specifications.
- F. Hold Point - Project Finalization
- 1) Examine entire project for damage that occurred during construction or post construction from rigging and de-rigging or other causes.
 - 2) Complete Observation of immediate neighbors from air for any possible roof damage.
 - 3) Observe the installation of screens, light bulbs, etc.
 - 4) Observe Site for restoration to pre-project conditions.
 - 5) Formulate a punch list of items to complete.
 - 6) Create a second punch list if needed before finalization.
 - 7) Finalize the project to ensure all items in the contract specifications have been completed, and the quality of workmanship meets contract requirements.

G. Hold Point General

- 1) The quantity of site visits is one trip to perform one of the functions above. The number of site visits required are estimates. If two Job Tasks are performed during the same trip, there is no additional charge (i.e. exterior intermediate and pit piping primer).

H. Schedule of TRR Services Shop Observation Services:

- 1) Review Contractor's crew size and equipment for ability to meet specification requirements.
- 2) Review coating mixing, thinning, and manufacturer's application requirements.
- 3) Monitor environmental conditions prior to and during coating application (i.e. ambient temperature, surface temperature, relative humidity, and dew point).
- 4) Observe applied coating for dry film thickness, coverage, uniformity, and cure.
- 5) Verify cure prior to stacking and loading panels.
- 6) Prepare Daily Reports detailing above mentioned items and daily progress.

I. Post Construction Phase - Basic Services Warranty Inspection

- 1) Remotely Operated Vehicle (ROV) Warranty Observation- ROV and/or Exterior: Observation only
 - a) Review all wet or dry interior surfaces for corrosion and/or damage, qualify and quantify damage for repairs. All coating repairs needed are to be quantified by extrapolation of a measured area and compared with warranty requirements.
 - b) Observe the exterior coating and quantify damages.
 - c) Review all exterior appurtenances for damage due to corrosion or construction.
 - d) Review exterior of the exposed foundations.
 - e) Review all health aspects of the tank, including screening of the vent, overflow pipe, and other possible contamination sources.
 - f) Prepare a report documenting all items found that meet or fail to meet warranty requirements and recommendations for repair. The report will be letter format.
- 2) Post Construction Phase-Owner's Responsibilities
 - a) Fill the tank to overflow or higher capacity and isolate it from the system during the ROV activities or as a minimum, maintain positive flow (NO water withdrawal from tank).
 - b) Perform free chlorine residual and bacteriological testing after removal of ROV.

3.02 The following is a list of Deliverables associated with the above scope of services:

- A. TRR daily observation reports on site and in shop.
- B. X-ray inspection reports.
- C. Welding observation reports.

- D. Hold point, wet interior coating inspection reports.
- E. Exterior coating inspection reports.
- F. Dry interior coating inspection reports.
- G. Pit piping coating inspection reports.
- H. Final elevated area inspection report (tank screens, lighting lamps, roof damage etc.), including ROV report.

3.03 Key Understandings and Assumptions:

- A. Elevated water storage tank welding and coatings inspections will be performed by a subconsultants to Engineer.

ARTICLE 4—CONSTRUCTION MATERIALS TESTING AND SPECIAL INSPECTION SERVICES

4.01 The following on-call construction materials testing and inspection services are provided by subconsultant (Terracon) under HDR and this Scope of Services:

- A. Earthwork observation and compaction testing
 - 1) Site preparation observation
 - 2) Site grading fill placement
 - 3) Floor slab and pavement subgrade preparation
 - 4) Foundation wall backfill
 - 5) Utility trench backfill
- B. Laboratory soil/aggregate testing
 - 1) Standard Proctors
 - 2) Atterberg limits
 - 3) Relative densities
- C. Reinforced concrete special inspection
 - 1) Document the size, length, quantity, cleanliness, and lap length of reinforcing bars used
 - 2) Observe and document methods of concrete placement (i.e. conveyance and consolidation) and protection
 - 3) Anchor bolt placement
- D. Portland cement concrete testing
 - 1) Casting of cylinders and performing temperature, slump & air content testing
 - 2) Laboratory compressive strength testing of cylinders
- E. Asphalt testing and observation
 - 1) Monitor temperature during placement and rolling operations
 - 2) Perform in-situ nuclear density tests to determine the percent compaction of the asphalt during placement.
- F. Project Management

- 1) Attend pre-construction meetings and periodic project meetings at Engineer's or Owner's request.
 - 2) Supervision of laboratory and field services
 - 3) Preparation and review of project reports and monthly invoices
- G. Engineer will schedule on-call construction materials testing and inspection services based on communications with the Contractor and attempt to minimize trips.
- H. Field technicians for on-call construction materials testing and inspection services are responsible to provide a daily report identifying what work was found to be in compliance with the project specifications and drawings and report any non-conformances. Field technicians are required to immediately communicate any non-conformances to the site superintendent and the testing services company's project manager. Project manager will be responsible to review each report and to keep non-conformance lists up to date and communicate all test results to the Engineer and Owner.

4.02 The following is a list of Deliverables associated with the above scope of services:

- A. Reinforcement bar inspections.
- B. Site inspection and test reports for proofroll, pavement subgrade, utility backfill, foundation wall backfill and soil/aggregates.
- C. Nuclear gauge test reports.
- D. Portland cement concrete testing for foundation and pavement (4" by 8" cylinders).
- E. Asphalt testing reports.

4.03 Key Understandings and Assumptions:

- A. Soils, concrete, and other construction materials testing and special inspections during construction will be performed by a subconsultants to Engineer.

ARTICLE 5— ADDITIONAL SERVICES

5.01 Additional Services Not Requiring Owner's Written Authorization

- A. Engineer shall advise Owner that Engineer is commencing to perform or furnish the Additional Services of the types listed below. For such Additional Services, Engineer need not request or obtain specific advance written authorization from Owner. Engineer shall cease performing or furnishing such Additional Services upon receipt of written notice to cease from Owner. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Section II. of the Agreement and Exhibit B.
 1. Substantive design and other technical services in connection with Work Change Directives, Change Proposals, and Change Orders to reflect changes requested by Owner.
 2. Services essential to the orderly progress of the Construction Phase and not wholly quantifiable prior to those Phases or otherwise dependent on the actions of prospective individual bidders or contractors and including:

- a) making revisions to Drawings and Specifications occasioned by the acceptance of substitute materials or equipment other than "or equal" items;
 - b) services after the award of the Construction Contract in evaluating and determining the acceptability of a proposed "or equal" or substitution which is found to be inappropriate for the Project;
 - c) evaluation and determination of an excessive number of proposed "or equals" or substitutions, whether proposed before or after award of the Construction Contract; and
 - d) providing to the Contractor or Owner additional or new information not previously prepared or developed by the Engineer for their use in applying for or obtaining required permits and licenses, in responding to agency comments on such applications, or in the administration of any such permits or licenses.
- 3. Services resulting from significant delays, changes, or price increases occurring as a direct or indirect result of materials, equipment, or energy shortages.
 - 4. Additional or extended services arising from (a) the presence at the Site of any Constituent of Concern or items of historical or cultural significance, (b) emergencies or acts of God endangering the Work, (c) damage to the Work by fire or other causes during construction, (d) a significant amount of defective, neglected, or delayed Work, (e) acceleration of the progress schedule involving services beyond normal working hours, or (f) default by Contractor.
 - 5. Implement coordination of Engineer's services with other parts of the Project that are not planned or designed by Engineer or its Subconsultants, unless Owner furnished to Engineer substantive information about such other parts of the Project prior to the parties' entry into this Agreement, in the Baseline Information section of this Exhibit A, or otherwise in Exhibit A; if such substantive information has been so provided, coordination of Engineer's services will be part of Basic Services.
 - 6. Services (other than Basic Services during the Post-Construction Phase) in connection with any partial utilization of the Work by Owner prior to Substantial Completion.
 - 7. Evaluating unreasonable or frivolous requests for interpretation or information (RFIs), Change Proposals, or other demands from Contractor or others in connection with the Work, or an excessive number of RFIs, Change Proposals, or demands.
 - 8. Reviewing a Shop Drawing or other Contractor submittal more than three times, as a result of repeated inadequate submissions by Contractor.
 - 9. While at the Site, compliance by Engineer and its staff with those terms of Owner's or Contractor's safety program provided to Engineer subsequent to the Effective Date that exceed those normally required of engineering personnel by federal, State, or local safety authorities for similar construction sites.
 - 10. To the extent the Project is subject to Laws and Regulations governing public or government records disclosure or non-disclosure, Engineer will comply with provisions applicable to Engineer, and Owner will compensate Engineer as

Additional Services for Engineer's costs to comply with any disclosure or non-disclosure obligations beyond those identified in the Basic Services.

11. Services directly attributable to changes in Engineer's Electronic Documents obligations after the effective date of the Agreement.

5.02 Additional Services Requiring Owner's Written Authorization

- A. If authorized in writing by Owner, Engineer shall provide Additional Services of the types listed below. These services are not included as part of Basic Services and will be paid for by Owner as indicated in Section II. of the Agreement and Exhibit B.
 1. Obtain or provide specified additional Project-related information and data to enable Engineer to complete its Basic and Additional Services.
 2. Preparation of special and customized reporting, invoicing, and related support documentation in addition to that identified to be provided under Basic Services.
 3. Preparation of applications and supporting documents (in addition to those furnished under Basic Services) for private or governmental grants, loans, or advances in connection with the Project; preparation or review of environmental assessments and impact statements, other than what is specifically defined under Basic Services; review and evaluation of the effects on the design requirements for the Project of any such statements and documents prepared by others; and assistance in obtaining approvals of authorities having jurisdiction over the anticipated environmental impact of the Project.
 4. Services to make measured drawings of existing conditions or facilities, to conduct tests or investigations of existing conditions or facilities, or to verify the accuracy of drawings or other information furnished by Owner or others.
 5. Services resulting from significant changes in the scope, extent, or character of the portions of the Project designed or specified by Engineer, or the Project's design requirements, including, but not limited to, changes in size, complexity, Owner's schedule, character of construction, or method of financing; and revising previously accepted studies, reports, Drawings, Specifications, or Construction Contract Documents when such revisions are required by changes in Laws and Regulations enacted subsequent to the Effective Date or are due to any other causes beyond Engineer's control.
 6. Providing renderings or models for Owner's use, including development, management, and other services in support of building information modeling or civil integrated management.
 7. Undertaking investigations and studies including, but not limited to:
 - a) Supplementing Record Drawings with information regarding the completed Project, Site, and immediately adjacent areas obtained from field observations, Owner, utility companies, and other reliable sources.
 - b) Conducting surveys, investigations, and field measurements to verify the accuracy of Record Drawing content obtained from Contractor, Owner,

utility companies, and other sources; revise and supplement Record Drawings as needed.

8. Preparation of operation, maintenance, and staffing manuals.
9. Protracted or extensive assistance in refining and adjusting of Project equipment and systems (such as initial startup, testing, and balancing).
10. Preparing to serve or serving as a consultant or witness for, or producing documents for or on behalf of, Owner in any litigation, arbitration, mediation, lien or bond claim, or other legal or administrative proceeding involving the Project (but not including disputes between Owner and Engineer).
11. Overtime work requiring higher than regular rates.
12. Providing construction surveys and staking to enable Contractor to perform its work other than as required in this Exhibit A-1; any type of property surveys or related engineering services other than as required in this Exhibit A-1 and needed for the transfer of interests in real property; providing construction and property surveys to replace reference points or property monuments lost or destroyed during construction; and providing other special field surveys.
13. Providing more extensive services required to enable Engineer to issue notices or certifications requested by Owner.
14. Extensive services required during any correction period, or with respect to monitoring Contractor's compliance with warranties and guarantees called for in the Construction Contract (except as agreed to under Basic Services).
15. Other additional services performed or furnished by Engineer not otherwise provided for in this Agreement.

DRAFT EXHIBIT A-2—DUTIES, RESPONSIBILITIES, AND LIMITATIONS OF AUTHORITY OF RESIDENT PROJECT REPRESENTATIVE (AMENDMENT 1)

ARTICLE 1—RESIDENT PROJECT REPRESENTATIVE SERVICES

Section I of the Agreement, Services of Engineer, and Exhibit A-1, Engineer's Services, are supplemented to include Exhibit A-2 Paragraphs 1.01, 1.02, and 1.03, as follows:

1.01 Resident Project Representative

- A. Engineer shall furnish a Resident Project Representative ("RPR") to observe progress and quality of the Work. RPR is Engineer's representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions.
- B. The RPR will provide part-time representation unless requested in writing by the Owner and waived in writing by the Funding Agency.
- C. Subject to the scope of RPR's observations of the Work, which may include field checks of materials and installed equipment, Engineer shall endeavor to identify defects and deficiencies in the Work. However, Engineer shall not, as a result of such RPR observations of the Work, supervise, direct, inspect, or have control over the Work, nor shall Engineer (including the RPR) have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, for security or safety at the Site, for safety precautions and programs incident to the Work or any Constructor's work in progress, for the coordination of the Constructors' work or schedules, or for any failure of any Constructor to comply with Laws and Regulations applicable to the performing and furnishing of its work. The Engineer (including RPR) neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform the Work, or any portion of the Work, in accordance with the Construction Contract Documents. In addition, the specific terms set forth in Exhibit A Paragraph 1.04 are applicable.

1.02 Duties and Responsibilities of RPR

- A. The duties and responsibilities of the RPR are as follows:
 - 1. General: RPR's dealings in matters pertaining to the Work in general will be with Contractor. RPR's dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
 - 2. Schedules: Review the progress schedule, schedule of Shop Drawing and Sample submittals, schedule of values, and other schedules prepared by Contractor and consult with Engineer concerning acceptability of such schedules.
 - 3. Conferences and Meetings: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences, and other Project-related meetings (but not including Contractor's safety meetings), and as appropriate prepare and circulate copies of minutes thereof.

4. Safety Compliance: Comply with Site safety programs, as they apply to RPR, and if required to do so by such safety programs, receive safety training specifically related to RPR's own personal safety while at the Site.
5. Liaison
 - a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the provisions and intent of the Construction Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
6. Clarifications and Interpretations: Receive from Contractor submittal of any matters in question concerning the requirements of the Construction Contract Documents (sometimes referred to as requests for information or interpretation—RFIs), or relating to the acceptability of the Work under the Construction Contract Documents. Report to Engineer regarding such RFIs. Report to Engineer when clarifications and interpretations of the Construction Contract Documents are needed, whether as the result of a Contractor RFI or otherwise. Transmit Engineer's clarifications, interpretations, and decisions to Contractor.
7. Shop Drawings, Samples, and other Submittals
 - a. Review Samples that are furnished at the Site by Contractor.
 - b. Review Contractor-approved Shop Drawings and other Submittals from Contractor.
 - c. Notify Engineer of availability of Samples for examination.
 - d. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal, if RPR believes that the submittal has not been received from Contractor, or has not been approved by Contractor or Engineer.
8. Proposed Modifications: Consider and evaluate Contractor's suggestions for modifications to the Drawings or Specifications, and report such suggestions, together with RPR's recommendations, if any, to Engineer. Transmit Engineer's response (if any) to such suggestions to Contractor.
9. Review of Work; Defective Work
 - a. Report to Engineer whenever RPR believes that any part of the Work is defective under the terms and standards set forth in the Construction Contract Documents, and provide recommendations as to whether such Work should be corrected, removed and replaced, or accepted as provided in the Construction Contract Documents.
 - b. Inform Engineer of any Work that RPR believes is not defective under the terms and standards set forth in the Construction Contract Documents, but is nonetheless

not compatible with the design concept of the completed Project as a functioning whole, and provide recommendations to Engineer for addressing such Work.

- c. Advise Engineer of that part of the Work that RPR believes should be uncovered for observation, or requires special testing, inspection, or approval.

10. Inspections, Tests, and System Start-ups

- a. Consult with Engineer in advance of scheduled inspections, tests, and systems start-ups.
- b. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
- c. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
- d. Observe whether Contractor has arranged for inspections required by Laws and Regulations, including but not limited to those to be performed by public or other agencies having jurisdiction over the Work.
- e. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Work, record the results of these inspections, and report to Engineer.
- f. Nothing in this Agreement will be construed to require RPR to conduct inspections.

11. Records

- a. Maintain orderly files for correspondence, reports of job conferences, copies of Construction Contract Documents including all Change Proposals, Change Orders, Field Orders, Work Change Directives, Addenda, additional Drawings issued subsequent to the execution of the Construction Contract, RFIs, Engineer's clarifications and interpretations of the Construction Contract Documents, progress reports, approved Shop Drawing and Sample submittals, and other Project-related documents.
- b. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, Subcontractors present at the Site, weather conditions, data relative to questions of Change Proposals, Change Orders, Field Orders, Work Change Directives, or changed conditions, Site visitors, deliveries of equipment or materials, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.
- c. Upon request from Owner to Engineer, photograph or video Work in progress or Site conditions.
- d. Record and maintain accurate, up-to-date lists of the company names and points of contact for Contractors, Subcontractors, and major Suppliers of materials and equipment.
- e. Maintain records for use in preparing Project documentation.

- f. Upon completion of the Work, furnish original set of all RPR Project documentation to designated recipients.

12. Reports

- a. Furnish periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
- b. Furnish to Engineer and Owner copies of all inspection, test, and system start-up reports.
- c. Immediately inform appropriate parties of the occurrence of any Site accidents, emergencies, natural catastrophes endangering the Work, possible force majeure or delay events, damage to property by fire or other causes, or the discovery of any potential differing site condition or Constituent of Concern.

13. Payment Requests: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

14. Certificates, Operation and Maintenance Manuals: During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

15. Completion

- a. Participate in Engineer's visits to the Site regarding completion of the Work, assist in the determination of completion, and prior to the issuance of a Certificate of Completion submit a punch list of observed items requiring completion or correction.
- b. Participate in Engineer's visit to the Site in the company of Owner and Contractor, to determine completion of the Work, and prepare a final punch list of items to be completed or corrected by Contractor.
- c. Observe whether all items on the final punch list have been completed or corrected, and make recommendations to Engineer concerning acceptance and issuance of the Notice of Acceptability of the Work (Exhibit E).

1.03 Limitations of Authority

A. Resident Project Representative shall not:

- 1. Authorize any deviation from the Construction Contract Documents or substitution of materials or equipment (including "or-equal" items).
- 2. Exceed limitations of Engineer's authority as set forth in this Agreement or SUDAS Section 1050.

3. Undertake any of the responsibilities of Contractor, Subcontractors, or Suppliers, or any Constructor.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of the Work, by Contractor or any other Constructor.
5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept Shop Drawing or Sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

**SHORT FORM AGREEMENT BETWEEN OWNER AND
HDR ENGINEERING, INC. FOR PROFESSIONAL SERVICES
AGREEMENT NUMBER _____**

THIS AGREEMENT is made as of this 6th day of June, 2022, between CITY OF ANKENY, IOWA ("OWNER") a municipal corporation, and HDR ENGINEERING, INC., ("ENGINEER" or "CONSULTANT") for services in connection with the project known as NW Irvinedale Elevated Storage Tank ("Project");

WHEREAS, OWNER desires to engage ENGINEER to provide professional engineering, consulting and related services ("Services") in connection with the Project; and

WHEREAS, ENGINEER desires to render these Services as described in SECTION I, Scope of Services.

NOW, THEREFORE, OWNER and ENGINEER in consideration of the mutual covenants contained herein, agree as follows:

SECTION I. SCOPE OF SERVICES

ENGINEER will provide Services for the Project, which consist of the Scope of Services as outlined on the attached Exhibit A.

SECTION II. TERMS AND CONDITIONS OF ENGINEERING SERVICES

The HDR Engineering, Inc. Terms and Conditions, which are attached hereto in Exhibit B, are incorporated into this Agreement by this reference as if fully set forth herein.

SECTION III. RESPONSIBILITIES OF OWNER

The OWNER shall provide the information set forth in paragraph 6 of the attached "HDR Engineering, Inc. Terms and Conditions for Professional Services."

SECTION IV. COMPENSATION

Compensation for ENGINEER'S services under this Agreement shall be on the basis of lump sum. The amount of the lump sum is four hundred sixty-two thousand and 00/100 Dollars (\$462,000.00).

The amount of any sales tax, excise tax, value added tax (VAT), or gross receipts tax that may be imposed on this Agreement shall be added to the ENGINEER'S compensation as Reimbursable Expenses.

Compensation terms are defined as follows:

Lump Sum shall mean a fixed amount which shall be the total compensation agreed upon in advance for Scope of Services. The Lump Sum amount shall not be exceeded unless approved by both parties.

SECTION V. PERIOD OF SERVICE

Upon receipt of written authorization to proceed, ENGINEER shall perform the services within the time period(s) described in Exhibit A.

Unless otherwise stated in this Agreement, the rates of compensation for ENGINEER'S services have been agreed to in anticipation of the orderly and continuous progress of the project through completion. If any specified dates for the completion of ENGINEER'S services are exceeded through no fault of the ENGINEER, the time for performance of those services shall be automatically extended for a period which may be reasonably required for their completion and all rates, measures and amounts of ENGINEER'S compensation shall be equitably adjusted.

SECTION VI. SPECIAL PROVISIONS

None.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first written above.

CITY OF ANKENY, IOWA

“OWNER”

BY:

DocuSigned by:



4C9E47CBE956471...

NAME:

Mark E. Holm

TITLE:

Mayor

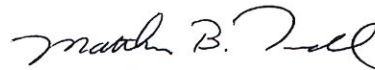
ADDRESS:

410 W. 1st St
Ankeny, IA 50023

HDR ENGINEERING, INC.

“ENGINEER”

BY:



NAME:

Matthew B. Tondl, P.E.

TITLE:

Senior Vice President

ADDRESS:

1917 South 67th Street
Omaha, NE 68106

EXHIBIT A
SCOPE OF SERVICES

FOR
NW IRVINEDALE ELEVATED STORAGE TANK
CITY OF ANKENY, IOWA

PART 1.0 PROJECT DESCRIPTION:

The City of Ankeny ("CITY") desires to provide a new elevated water storage tank on a previously acquired site ("PROJECT"). The proposed Elevated Storage Tank (EST) site is located along the east side of NW Irvinedale Drive north of NW 36th Street within the CITY. A new bulk water sales station will also be included on the site; however, no building structure/facility will be included with the bulk water sales station. The CITY also desires to locate new Public Works salt storage and brine makeup facilities on the common site. Coordination with Public Works for incorporation of the salt storage and brine makeup facilities into the overall site plan will be provided. However, design of the salt storage building and brine makeup facilities will not be provided in this Scope of Services. HDR Engineering, Inc. ("HDR") will assist the CITY with design and bid phase services for the PROJECT as described herein. It is anticipated that construction phase services will be negotiated and provided by amendment to this Agreement upon successful bidding and award of the construction contract.

PART 2.0 SCOPE OF SERVICES TO BE PERFORMED BY HDR ON THE PROJECT:

Task 1 – Project Management, Project Initiation Meeting and Site Investigation Visit

For this Task, HDR will provide the following services:

1. Provide team management and project control throughout the project duration, including budget and invoice management, schedule monitoring and updating, and resource management and allocation based on project schedules and activities.
2. Provide project planning consisting of the internal Project Management Plan for the project, which will document project activities, constraints, guidelines, schedule, budget, and procedures. Maintain, update, and distribute Project Management Plan as activities dictate.
3. Attend one Project Initiation Meeting and Site Investigation Visit with the CITY for field investigation of the PROJECT. The meeting and site visit is expected last 4 hours total and will occur on the same day. HDR Project Manager and Project Engineer will attend.

At the Site Investigation Visit, HDR will perform visual observations to identify visible features at the PROJECT site to assist in establishing elements of the PROJECT.

4. Request and compile the background data provided by CITY in electronic format as available, and hard copy. HDR will provide a list of requested data to CITY prior to Project Initiation Meeting.
5. Provide monthly progress invoices for services provided during the prior month.
6. Provide brief, memo-style, monthly progress report that enumerates activities completed during the prior month and anticipated for the coming month, provides updated project schedule, and identifies key issues that could impact the delivery of the PROJECT design and bidding. This report will be submitted to CITY with the monthly progress invoice.
7. Conduct required internal quality control activities to provide independent quality control reviews for drawings, specifications, and other project deliverables. These quality control activities are budgeted in each project task as follows.

HDR Deliverables:

1. Project Initiation Meeting minutes
2. Site Investigation Visit minutes and photographs
3. Monthly progress reports
4. Monthly progress invoices

Task 2 – Survey

For this Task, HDR will provide the following services:

1. HDR will engage the services of a surveying subconsultant to perform topographic and utilities site survey of the project site.
2. Subconsultant will locate existing horizontal and vertical control datum and provide appropriate benchmarks at the site.
3. Subconsultant will identify and locate visible surface features of the site and adjoining street right-of-way and obtain surface elevations to develop topographic mapping and contours of elevations of the site.
4. Subconsultant will obtain buried utility locations based upon marked locations by utility companies in the field as well as using drawings provided by utility companies if refused to mark in the field.

5. No legal or property boundary survey will be provided.
6. Subconsultant will prepare electronic topographic and utilities mapping to be used by HDR for project design.

HDR Deliverables:

1. Electronic topographic and utilities mapping by survey subconsultant.

Task 3 – Geotechnical Investigation and Recommendations

For this Task, HDR will provide the following services:

1. HDR will engage the services of a geotechnical subconsultant to drill five (5) exploratory borings to the depths identified below to collect samples and perform geotechnical laboratory tests. The drilling program will include:
 - a. Four (4) 60-foot borings around the EST perimeter
 - b. One (1) 120-foot boring at the center of the EST
2. Survey subconsultant will stake boring locations for geotechnical subconsultant at the site.
3. The field and laboratory testing results will be compiled into a geotechnical data and design report by the geotechnical subconsultant.
4. Geotechnical subconsultant will provide recommendations for design and construction of the EST foundation and driveway pavement section, to be included in the geotechnical data and design report.
5. HDR's geotechnical engineers will review the geotechnical data and design report and provide comments and questions to the geotechnical subconsultant.
6. HDR will incorporate the final geotechnical recommendations into the Construction Documents for the EST foundation.
7. If, during this task, poor soil conditions are discovered that could have a potential negative impact on the foundation design and cost of the EST, HDR will stop progress and meet with the CITY to develop a revised approach to complete this project.

HDR Deliverables:

1. Geotechnical Data and Design Report by geotechnical subconsultant with excavation and foundation recommendations, along with the geotechnical data (field and laboratory test results, boring logs, and a plan of borings).

Task 4.1 – Preliminary Design

For this Task, HDR will provide the following services:

1. EST Design
 - a. Provide design and specifications for both all-steel and composite concrete-pillar/steel-tank types so that both alternatives of EST can be bid.
 - b. Coordinate with EST contractors to determine preliminary EST dimensions (diameters of bowl and pillar, head range, etc.).
 - c. Develop interior piping and valving scheme.
 - d. Develop interior tank mixing scheme, anticipated to be internal riser and not mechanical mixer.
 - e. Identify 120/240V power supply needs for interior and exterior lighting, power, instrumentation, and controls.
 - f. Identify FAA requirements for lighting.
 - g. Cell phone equipment capabilities on the EST and site will not be provided.
 - h. Identify radio telemetry or fiber communications to be used.
 - i. Identify SCADA reporting needs.
 - j. Maintenance access platforms, ladders, and hatches will be identified.
2. Civil/Site Design
 - a. Design site grading for positive drainage, including emergency overflow water from the EST by overland flow in open channel/ditch/swale.
 - b. Design stormwater detention facilities required for the site development.
 - c. Design water main, valves, fittings, and restraints from EST to connection to existing 24" main inside property line, anticipated to include removal of existing fire hydrant at connection and replacement of hydrant on new EST main.
 - d. Locate electrical and fiber buried service lines to the facilities on the site as necessary.
 - e. Driveway and parking areas on the EST site will be PCC concrete material. Entrance driveway from Irvinedale Drive near the north property line with frontage driveway south along the west side of the site to tie into the existing frontage driveway of Casey's General Store near the south property line is

anticipated. Frontage driveway will also serve the Public Works salt storage and brine makeup facilities on the west side of the site. Driveway to the EST to the east interior of the site from the frontage driveway is anticipated.

- f. Security fencing including gates will be provided, anticipated to be fencing around the combined EST and Public Works salt storage and brine makeup facilities. Gates will be manually operated without electric actuation and key card access control.
- g. Design bulk water sales station and locate on the site.
- h. Develop erosion control scheme.

3. Opinion of Probable Construction Cost

- i. HDR will prepare an Opinion of Probable Construction Cost (OPCC) for the improvements.
- j. OPCC will be in accordance with an AACE Class 3 Estimate.

4. Permitting Summary

- a. HDR will identify permitting requirements for the EST including IDNR and FAA.

5. Preliminary Design Presentation

- a. Prepare and submit a draft Preliminary Design (50%) Technical Memorandum that encapsulates the activities of this Task and submit to CITY for review and comment. HDR assumes CITY will provide review and comment within 10 business days. CITY review comments will be provided in a log along with HDR's responses to comments.
- b. Provide in-house QC review of the Technical Memorandum.
- c. Present Preliminary Design Technical Memorandum in a 2-hour design review meeting with CITY with HDR's Project Manager and Project Engineer.
- d. Respond to the CITY's comments and issue final Preliminary Design (50%) Technical Memorandum.
- e. Provide the CITY with electronic PDF of the Final Technical Memorandum with 50% drawings and OPCC.

HDR Deliverables:

1. Preliminary Design (50%) Technical Memorandum (Draft and Final)
2. 50% Design OPCC
3. Permitting Summary
4. Design Review Meeting minutes

Task 4.2 – Final Design

For this task, HDR will provide the following services:

1. Advance the design of the site and EST with construction plans and technical specifications. CITY Front End Documents will be used.
2. Final design will include the following percent complete milestones and reviews:
 - a. 90%
 - b. 100% (ready for bidding)
3. EST Design
 - a. Coordinate with EST contractors to finalize EST dimensions and details for both all-steel and composite concrete-pillar/steel-tank alternatives.
 - b. Finalize interior piping and valving scheme.
 - c. Finalize interior tank mixing scheme.
 - d. Provide PCC concrete interior floor with floor drains for condensation drainage.
 - e. Finalize 120/240V power supply for interior and exterior lighting, power, instrumentation, and controls.
 - f. Finalize FAA requirements for lighting.
 - g. Finalize cell phone equipment capabilities, if any.
 - h. Finalize instrumentation and SCADA, including door switches, level transmitter, radio telemetry/antenna and/or fiber connection, cables/conduits, control panel, etc. SCADA screen programming and integration with the existing SCADA system are anticipated to be provided by Jetco under separate contract with the CITY, but estimated costs for these services will be included in the overall project OPCC.

- i. EST control panel will be designed which will house a micro PLC, radio modem and/or fiber connection, relays, and terminals. Panel will be installed inside the base (pillar) of the EST. Radio antenna will be installed at the top of the tank. Radio will connect to CITY's existing and nearest radio repeater.
- j. Finalize maintenance access platforms, ladders, and hatches.

4. Civil/Site Design

- a. Finalize site grading.
- b. Finalize stormwater detention facilities.
- c. Finalize water main, valves, fittings, and restraints.
- d. Finalize electrical and fiber buried service lines to facilities on the site.
- e. Finalize PCC concrete driveway and parking areas.
- f. Finalize security fencing and gates.
- g. Finalize bulk water sales station.
- h. Finalize erosion control.

5. Opinion of Probable Construction Cost

- a. At 90% milestone, HDR will prepare an Opinion of Probable Construction Cost (OPCC) for the improvements. OPCC will be in accordance with an AACE Class 2 Estimate.
- b. At 100% milestone, HDR will prepare an Opinion of Probable Construction Cost (OPCC) for the improvements. OPCC will be in accordance with an AACE Class 1 Estimate.

6. Permitting

- a. HDR will finalize permitting requirements for the EST including IDNR and FAA.
- b. HDR will submit 100% plans and specifications on behalf of the CITY to IDNR for review, approval, and permit issuance.
- c. CITY will pay for permit applications directly to agencies.

7. Design Presentations

- a. For each milestone (90% and 100%) HDR will submit construction plans and specifications to CITY for review and comment. HDR assumes CITY will provide

review and comment within 10 business days. CITY review comments will be provided in a log along with HDR's responses to comments.

- b. Provide in-house QC review of each milestone deliverable.
- c. After each milestone submittal, HDR will attend a 2-hour design review meeting with CITY with Project Manager and Project Engineer.
- d. HDR will provide CITY with official printed hard copies of final signed and sealed 100% documents (five copies of half-size plans and two bound copies of specifications) as well as electronic PDF files ready for bidding.

HDR Deliverables:

- 1. Electronic PDF files of the 90% and 100% construction drawings, technical specifications, and CITY front end documents.
- 2. 90% and 100% OPCC.
- 3. 90% and 100% Design Review Meeting minutes
- 4. One official printed hard copy of final signed and sealed 100% plans and specifications ready for bidding.
- 5. Electronic PDF files of final 100% plans and specifications ready for bidding.

Task 5 – Bid Phase Services

For this task, HDR will provide the following services:

- 1. Advertise the project to contractors and suppliers. CITY will pay for advertisement costs.
- 2. Provide electronic PDF files of Issued for Bids plans and specifications to Quest CDN for official distribution to bidders and suppliers.
- 3. Pre-Bid Meeting will not be performed.
- 4. Correspond with prospective bidders and suppliers and respond to questions.
- 5. Prepare required addenda containing clarifications and modifications to the Issued for Bids Documents and distribute addenda via Quest CDN.
- 6. Attend the bid opening to be conducted by CITY.
- 7. Prepare a tabulation of bids and distribute to CITY and plan holders.

8. Review bids for conformance to the contract documents.
9. Provide a recommendation of award of the construction contract.
10. After award of the construction contract by CITY, issue Notice of Award to Contractor.
11. Prepare the construction contract documents and submit to Contractor for execution.
12. Review the executed contract documents from Contractor and provide comments to Contractor for correction if necessary.
13. Submit final executed contract documents to CITY for final review and approval.

HDR Deliverables:

1. Notice of Project
2. Notice of Hearing and Letting
3. Addenda
4. Bid tabulation
5. Recommendation of award of the construction contract to CITY
6. Notice of Award to Contractor
7. Construction contract documents to Contractor for execution
8. Final executed construction contract documents to CITY for review and approval

Task 6 – Base Water Distribution System Modeling for EST Design

For this task, HDR will provide the following services:

1. Model update to support final sizing of the NW Irvinedale Elevated Storage Tank.
Update model to reflect the best available GIS data for new and updated mains within the distribution system. Update model to reflect abandoned, new, or altered facilities.

Assumptions:

- Mains that have been upsized or added since 2015 will be identified in the GIS database provided by the CITY
- Populations and locations associated with full buildout condition will be provided
- Extended period simulation to be run (96 hours)

- Previously established curves and patterns (diurnals, pumps, metered locations) will remain consistent from previous modeling efforts or updated information to be provided via SCADA data
- Peaking factors will remain consistent from previous modeling efforts or be provided by the CITY
- Site limitations (elevations) will be provided

HDR Deliverables:

- Updated model to reflect the current GIS database mains
- Model scenario for full pressure zone buildout
- Storage and pumping analysis for current and full buildout condition
- Large scale PDF map with minimum observed pressures (EPS)
- Large scale PDF map with maximum observed pressures (EPS)
- Elevated Storage Tank parameters (overflow elevation, fill and draw flowrates, and water main diameters)
- Draft and final TM documenting project

Task 7 – Additional Water Distribution System Modeling and Updated CIP

For this task, HDR will provide the following services:

1. Beginning with the CIP prepared in 2017, perform a review of completed, obsolete, or pending capital improvement projects. Update all pending projects to reflect a current start date (2023-2027) or performance trigger for when design is expected.

Assumptions:

- Updated model from base scope to be used (NW pressure zone build out already completed)
- List of completed or obsolete projects to be provided by the CITY
- Existing model scenario 2025 to be used

HDR Deliverables:

- Updated 5-year CIP with current dates, opinions of probable costs, and project definition
- Draft and final TM documenting project

Task 8 – Additional Water Distribution System Modeling and Updated Master Plan

For this task, HDR will provide the following services:

1. Perform additional water distribution system modeling and provide an updated Water Distribution System Master Plan, updated from the previous Water Distribution System Master Plan by HDR in 2017.

Assumptions:

- Updated model from base scope to be used (NW pressure zone build out already completed)
- Future Land Use is available in GIS polygons
- City limit boundaries are available in GIS
- Population per land use type is available via the Comprehensive Plan or attainable through current density data (to be applied for full buildout)

HDR Deliverables:

- Updated water demand projections for the CITY and by pressure zone (necessary storage)
- EPS scenario for full buildout condition
- Static maps of minimum pressure, maximum pressure, fire flow
- Identify transmission and fire flow areas of concern
- Propose transmission and fire flow related projects with installation date and opinion of probable cost (projected)
- Draft and final Master Plan documenting project

PART 3.0 PERIODS OF SERVICE:

<u>Task</u>	<u>Time After Notice to Proceed</u>
Task 1 – Project Initiation Meeting and Site Investigation Visit	1 Month (July 5, 2022)
Task 2 – Survey	1 Month (July 5, 2022)
Task 3 – Geotechnical Investigation	2 Months (August 2, 2022)
Task 4.1 – Preliminary Design	4 Months (October 4, 2022)
Task 4.2 – Final Design	6 Months (December 6, 2022)
Task 5 – Bid Phase Services	12 Months (June 6, 2023)

Notice to Proceed date is assumed to be June 7, 2022.

EXHIBIT B**HDR Engineering, Inc. Terms and Conditions
for Professional Services****1. STANDARD OF PERFORMANCE**

The standard of care for all professional engineering, consulting and related services performed or furnished by ENGINEER and its employees under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under the same or similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.

2. INSURANCE/INDEMNITY

ENGINEER agrees to procure and maintain, at its expense, Workers' Compensation insurance as required by statute; Employer's Liability of \$250,000; Automobile Liability insurance of \$1,000,000 combined single limit for bodily injury and property damage covering all vehicles, including hired vehicles, owned and non-owned vehicles; Commercial General Liability insurance of \$1,000,000 combined single limit for personal injury and property damage; and Professional Liability insurance of \$1,000,000 per claim for protection against claims arising out of the performance of services under this Agreement caused by negligent acts, errors, or omissions for which ENGINEER is legally liable. If flying an Unmanned Aerial System (UAS or drone), ENGINEER will procure and maintain aircraft unmanned aerial systems insurance of \$1,000,000 per occurrence. OWNER shall be made an additional insured on Commercial General and Automobile Liability insurance policies and certificates of insurance will be furnished to the OWNER. ENGINEER agrees to indemnify OWNER for third party personal injury and property damage claims to the extent caused by ENGINEER's negligent acts, errors or omissions. However, neither Party to this Agreement shall be liable to the other Party for any special, incidental, indirect, or consequential damages (including but not limited to loss of use or opportunity; loss of good will; cost of substitute facilities, goods, or services; cost of capital; and/or fines or penalties), loss of profits or revenue arising out of, resulting from, or in any way related to the Project or the Agreement from any cause or causes, including but not limited to any such damages caused by the negligence, errors or omissions, strict liability or breach of contract.

3. OPINIONS OF PROBABLE COST (COST ESTIMATES)

Any opinions of probable project cost or probable construction cost provided by ENGINEER are made on the basis of information available to ENGINEER and on the basis of ENGINEER's experience and qualifications, and represents its judgment as an experienced and qualified professional engineer. However, since ENGINEER has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s) methods of determining prices, or over competitive bidding or market conditions, ENGINEER does not guarantee that proposals, bids or actual project or construction cost will not vary from opinions of probable cost ENGINEER prepares.

4. CONSTRUCTION PROCEDURES

ENGINEER's observation or monitoring portions of the work performed under construction contracts shall not relieve the contractor from its responsibility for performing work in accordance with applicable contract documents. ENGINEER shall not control or have charge of, and shall not be responsible for, construction means, methods, techniques, sequences, procedures of construction, health or safety programs or precautions connected with the work and shall not manage, supervise, control or have charge of construction. ENGINEER shall not be responsible for the acts or omissions of the contractor or other parties on the project. ENGINEER shall be entitled to review all construction contract documents and to require that no provisions extend the duties or liabilities of ENGINEER

beyond those set forth in this Agreement. OWNER agrees to include ENGINEER as an indemnified party in OWNER's construction contracts for the work, which shall protect ENGINEER to the same degree as OWNER. Further, OWNER agrees that ENGINEER shall be listed as an additional insured under the construction contractor's liability insurance policies.

5. CONTROLLING LAW

This Agreement is to be governed by the law of the state where ENGINEER's services are performed.

6. SERVICES AND INFORMATION

OWNER will provide all criteria and information pertaining to OWNER's requirements for the project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations. OWNER will also provide copies of any OWNER-furnished Standard Details, Standard Specifications, or Standard Bidding Documents which are to be incorporated into the project.

OWNER will furnish the services of soils/geotechnical engineers or other consultants that include reports and appropriate professional recommendations when such services are deemed necessary by ENGINEER. The OWNER agrees to bear full responsibility for the technical accuracy and content of OWNER-furnished documents and services.

In performing professional engineering and related services hereunder, it is understood by OWNER that ENGINEER is not engaged in rendering any type of legal, insurance or accounting services, opinions or advice. Further, it is the OWNER's sole responsibility to obtain the advice of an attorney, insurance counselor or accountant to protect the OWNER's legal and financial interests. To that end, the OWNER agrees that OWNER or the OWNER's representative will examine all studies, reports, sketches, drawings, specifications, proposals and other documents, opinions or advice prepared or provided by ENGINEER, and will obtain the advice of an attorney, insurance counselor or other consultant as the OWNER deems necessary to protect the OWNER's interests before OWNER takes action or forebears to take action based upon or relying upon the services provided by ENGINEER.

7. SUCCESSORS, ASSIGNS AND BENEFICIARIES

OWNER and ENGINEER, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither OWNER nor ENGINEER will assign, sublet, or transfer any interest in this Agreement or claims arising therefrom without the written consent of the other. No third party beneficiaries are intended under this Agreement.

8. RE-USE OF DOCUMENTS

All documents, including all reports, drawings, specifications, computer software or other items prepared or furnished by ENGINEER pursuant to this Agreement, are instruments of service with respect to the project. ENGINEER retains ownership of all such documents. OWNER may retain copies of the documents for its information and reference in connection with the project, however, none of the documents are intended or represented to be suitable for reuse by OWNER or others on extensions of the project or on any other project. Any reuse without written verification or adaptation by ENGINEER for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to ENGINEER, and OWNER will defend, indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses, including attorney's fees, arising or resulting therefrom. Any such verification or adaptation will

entitle ENGINEER to further compensation at rates to be agreed upon by OWNER and ENGINEER.

9. TERMINATION OF AGREEMENT

OWNER or ENGINEER may terminate the Agreement, in whole or in part, by giving seven (7) days written notice to the other party. Where the method of payment is "lump sum," or cost reimbursement, the final invoice will include all services and expenses associated with the project up to the effective date of termination. An equitable adjustment shall also be made to provide for termination settlement costs ENGINEER incurs as a result of commitments that had become firm before termination, and for a reasonable profit for services performed.

10. SEVERABILITY

If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.

11. INVOICES

ENGINEER will submit monthly invoices for services rendered and OWNER will make payments to ENGINEER within thirty (30) days of OWNER's receipt of ENGINEER's invoice.

ENGINEER will retain receipts for reimbursable expenses in general accordance with Internal Revenue Service rules pertaining to the support of expenditures for income tax purposes. Receipts will be available for inspection by OWNER's auditors upon request.

If OWNER disputes any items in ENGINEER's invoice for any reason, including the lack of supporting documentation, OWNER may temporarily delete the disputed item and pay the remaining amount of the invoice. OWNER will promptly notify ENGINEER of the dispute and request clarification and/or correction. After any dispute has been settled, ENGINEER will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only.

OWNER recognizes that late payment of invoices results in extra expenses for ENGINEER. ENGINEER retains the right to assess OWNER interest at the rate of one percent (1%) per month, but not to exceed the maximum rate allowed by law, on invoices which are not paid within thirty (30) days from the date OWNER receives ENGINEER's invoice. In the event undisputed portions of ENGINEER's invoices are not paid when due, ENGINEER also reserves the right, after seven (7) days prior written notice, to suspend the performance of its services under this Agreement until all past due amounts have been paid in full.

12. CHANGES

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of this Agreement. The execution of the change shall be authorized and signed in the same manner as this Agreement. Adjustments in the period of services and in compensation shall be in accordance with applicable paragraphs and sections of this Agreement. Any proposed fees by ENGINEER are estimates to perform the services required to complete the project as ENGINEER understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the initial planning. In any event, as the project progresses, the facts developed may dictate a change in the services to be performed, which may alter the scope. ENGINEER will inform OWNER of such situations so that changes in scope and adjustments to the time of performance and compensation can be made as required. If such change, additional services, or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, an equitable adjustment shall be made, and the Agreement modified accordingly.

13. CONTROLLING AGREEMENT

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, contract, purchase order, requisition, notice-to-proceed, or like document.

14. EQUAL EMPLOYMENT AND NONDISCRIMINATION

In connection with the services under this Agreement, ENGINEER agrees to comply with the applicable provisions of federal and state Equal Employment Opportunity for individuals based on color, religion, sex, or national origin, or disabled veteran, recently separated veteran, other protected veteran and armed forces service medal veteran status, disabilities under provisions of executive order 11246, and other employment, statutes and regulations, as stated in Title 41 Part 60 of the Code of Federal Regulations § 60-1.4 (a-f), § 60-300.5 (a-e), § 60-741 (a-e).

15. HAZARDOUS MATERIALS

OWNER represents to ENGINEER that, to the best of its knowledge, no hazardous materials are present at the project site. However, in the event hazardous materials are known to be present, OWNER represents that to the best of its knowledge it has disclosed to ENGINEER the existence of all such hazardous materials, including but not limited to asbestos, PCB's, petroleum, hazardous waste, or radioactive material located at or near the project site, including type, quantity and location of such hazardous materials. It is acknowledged by both parties that ENGINEER's scope of services do not include services related in any way to hazardous materials. In the event ENGINEER or any other party encounters undisclosed hazardous materials, ENGINEER shall have the obligation to notify OWNER and, to the extent required by law or regulation, the appropriate governmental officials, and ENGINEER may, at its option and without liability for delay, consequential or any other damages to OWNER, suspend performance of services on that portion of the project affected by hazardous materials until OWNER: (i) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the hazardous materials; and (ii) warrants that the project site is in full compliance with all applicable laws and regulations. OWNER acknowledges that ENGINEER is performing professional services for OWNER and that ENGINEER is not and shall not be required to become an "arranger," "operator," "generator," or "transporter" of hazardous materials, as defined in the Comprehensive Environmental Response, Compensation, and Liability Act of 1990 (CERCLA), which are or may be encountered at or near the project site in connection with ENGINEER's services under this Agreement. If ENGINEER's services hereunder cannot be performed because of the existence of hazardous materials, ENGINEER shall be entitled to terminate this Agreement for cause on 30 days written notice. To the fullest extent permitted by law, OWNER shall indemnify and hold harmless ENGINEER, its officers, directors, partners, employees, and subconsultants from and against all costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by, arising out of or resulting from hazardous materials, provided that (i) any such cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or injury to or destruction of tangible property (other than completed Work), including the loss of use resulting therefrom, and (ii) nothing in this paragraph shall obligate OWNER to indemnify any individual or entity from and against the consequences of that individual's or entity's sole negligence or willful misconduct.

16. EXECUTION

This Agreement, including the exhibits and schedules made part hereof, constitute the entire Agreement between ENGINEER and OWNER, supersedes and controls over all prior written or oral

understandings. This Agreement may be amended, supplemented or modified only by a written instrument duly executed by the parties.

17. ALLOCATION OF RISK

OWNER AND ENGINEER HAVE EVALUATED THE RISKS AND REWARDS ASSOCIATED WITH THIS PROJECT, INCLUDING ENGINEER'S FEE RELATIVE TO THE RISKS ASSUMED, AND AGREE TO ALLOCATE CERTAIN OF THE RISKS, SO, TO THE FULLEST EXTENT PERMITTED BY LAW, THE TOTAL AGGREGATE LIABILITY OF ENGINEER (AND ITS RELATED CORPORATIONS, SUBCONSULTANTS AND EMPLOYEES) TO OWNER AND THIRD PARTIES GRANTED RELIANCE IS LIMITED TO THE LESSER OF \$1,000,000 OR ITS FEE, FOR ANY AND ALL INJURIES, DAMAGES, CLAIMS, LOSSES, OR EXPENSES (INCLUDING ATTORNEY AND EXPERT FEES) ARISING OUT OF ENGINEER'S SERVICES OR THIS AGREEMENT REGARDLESS OF CAUSE(S) OR THE THEORY OF LIABILITY, INCLUDING NEGLIGENCE, INDEMNITY, OR OTHER RECOVERY.

18. LITIGATION SUPPORT

In the event ENGINEER is required to respond to a subpoena, government inquiry or other legal process related to the services in connection with a legal or dispute resolution proceeding to which ENGINEER is not a party, OWNER shall reimburse ENGINEER for reasonable costs in responding and compensate ENGINEER at its then standard rates for reasonable time incurred in gathering information and documents and attending depositions, hearings, and trial.

19. NO THIRD PARTY BENEFICIARIES

No third party beneficiaries are intended under this Agreement. In the event a reliance letter or certification is required under the scope of services, the parties agree to use a form that is mutually acceptable to both parties.

20. UTILITY LOCATION

If underground sampling/testing is to be performed, a local utility locating service shall be contacted to make arrangements for all utilities to determine the location of underground utilities. In addition, OWNER shall notify ENGINEER of the presence and location of any underground utilities located on the OWNER's property which are not the responsibility of private/public utilities. ENGINEER shall take reasonable precautions to avoid damaging underground utilities that are properly marked. The OWNER agrees to waive any claim against ENGINEER and will indemnify and hold ENGINEER harmless from any claim of liability, injury or loss caused by or allegedly caused by ENGINEER's damaging of underground utilities that are not properly marked or are not called to ENGINEER's attention prior to beginning the underground sampling/testing.

21. UNMANNED AERIAL SYSTEMS

If operating UAS, ENGINEER will obtain all permits or exemptions required by law to operate any UAS included in the services. ENGINEER's operators have completed the training, certifications and licensure as required by the applicable jurisdiction in which the UAS will be operated. OWNER will obtain any necessary permissions for ENGINEER to operate over private property, and assist, as necessary, with all other necessary permissions for operations.

22. OPERATIONAL TECHNOLOGY SYSTEMS

OWNER agrees that the effectiveness of operational technology systems ("OT Systems") and features designed, recommended or assessed by ENGINEER are dependent upon OWNER's continued operation and maintenance of the OT Systems in accordance with all standards, best practices, laws, and regulations that govern the operation and maintenance of the OT Systems. OWNER shall be solely responsible for operating and maintaining the OT System in accordance with applicable industry standards (i.e. ISA, NIST, etc.)

and best practices, which generally include but are not limited to, cyber security policies and procedures, documentation and training requirements, continuous monitoring of assets for tampering and intrusion, periodic evaluation for asset vulnerabilities, implementation and update of appropriate technical, physical, and operational standards, and offline testing of all software/firmware patches/updates prior to placing updates into production. Additionally, OWNER recognizes and agrees that OT Systems are subject to internal and external breach, compromise, and similar incidents. Security features designed, recommended or assessed by ENGINEER are intended to reduce the likelihood that OT Systems will be compromised by such incidents. However, ENGINEER does not guarantee that OWNER's OT Systems are impenetrable and OWNER agrees to waive any claims against ENGINEER resulting from any such incidents that relate to or affect OWNER's OT Systems.

23. FORCE MAJEURE

ENGINEER shall not be responsible for delays caused by factors beyond ENGINEER's reasonable control, including but not limited to delays because of strikes, lockouts, work slowdowns or stoppages, government ordered industry shutdowns, power or server outages, acts of nature, widespread infectious disease outbreaks (including, but not limited to epidemics and pandemics), failure of any governmental or other regulatory authority to act in a timely manner, failure of the OWNER to furnish timely information or approve or disapprove of ENGINEER's services or work product, or delays caused by faulty performance by the OWNER's or by contractors of any level or any other events or circumstances not within the reasonable control of the party affected, whether similar or dissimilar to any of the foregoing. When such delays beyond ENGINEER's reasonable control occur, the OWNER agrees that ENGINEER shall not be responsible for damages, nor shall ENGINEER be deemed in default of this Agreement, and the parties will negotiate an equitable adjustment to ENGINEER's schedule and/or compensation if impacted by the force majeure event or condition.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #5 in the amount of \$345,787.70 to Absolute Concrete Construction, Inc. for construction services on the Oralabor Gateway Trail - SW State Street Underpass and SW Oralabor Road and SW State Street Intersection Improvements project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #5

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Oralabor Gateway Trail - SW State Stret Underpass and SW Oralabor Road and SW State Street Intersection Improvements
Contractor: Absolute Concrete Construcion
Address:
Finance Budget Code: 998.3998.4451 Finance Project #: 998.4451
Vendor Project #: 4997 Purchase Order #:
Original Contract Date: March 6, 2023 Vendor Account #:

Date of Council Meeting: December 18, 2023

Payment Application #: 5

Payment Period: From: October 7, 2023 Through: December 6, 2023

Contract Summary:

Original Contract Amount:	\$	6,369,694.05	
Net Change by Change Orders:	\$	11,484.00	
Contract Amount to Date: (line 1 ± 2)	\$	6,381,178.05	
Total Completed and Stored to Date:	\$	1,599,127.51	
Retainage: 3 % of Completed Work:	\$	30,000.00	
Total Earned Less Retainage:	\$	1,569,127.51	
Less Previous Applications for Payment:	\$	1,223,339.80	
SUBTOTAL:	\$	345,787.71	
OTHER CHARGES:	\$	-	
CURRENT PAYMENT DUE:	\$	345,787.71	
Balance to Finish, Including Retainage:	\$	4,812,050.54	

Contract Time Remaining: 131.00 Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Absolute Concrete Construcion

Signature:

Firm Name

Date: 12/7/2023

Engineer / Consultant Approval:

HR Green, Inc.

Signature: Tony Babcock

Firm Name

Digitally signed by Tony Babcock
DN: C=US, E=tbabcock@hrgreen.com, O=HR Green, Inc., CN=Tony Babcock
Location: Ankeny - Oralabor & State
Reason: Pay Estimate 05
Date: 2023.12.07 09:41:22-05'00'

Date: 12/7/2023

Date

City of Ankeny Staff Approval:

Signature:

Date: 12/8/2023

Date

Submit to:

Jim Haberichter

E-mail:

jhaberichter@ankenyiowa.gov

Phone Number:

515-963-3536

Date Printed: 12/7/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	July 17, 2023	\$ 340,429.59
2	August 21, 2023	\$ 528,180.42
3	October 2, 2023	\$ 286,373.28
4	November 6, 2023	\$ 68,356.54
5		
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 1,223,339.84

Record of Change Orders:

No.	Date	Amount
1	December 18, 2023	\$ 11,484.00
2		
3		
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CHANGE ORDER TOTAL = \$ 11,484.00

Contract Time Remaining:

Contract Period:	Working Days
Construction Start Date:	June 5, 2023

Stages 1-5

Contract Working Days:	90.0
Added by Change Order:	1.0
Total Working Days:	91.0
Working Days Used to Date:	90.0
Working Days Remaining:	1.0

Stages 6-9

Contract Working Days:	130.0
Added by Change Order:	
Total Working Days:	130.0
Working Days Used to Date:	0.0
Working Days Remaining:	130.0

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	ITEM ID	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF WORK	REMAINING QUANTITY	PERCENT COMPLETE
10	2101-0850001	CLEARING AND GRUBBING	ACRE	0.35		0.35	\$ 20,000.00	\$ 7,000.00	0.00	\$ -	0.00	0.00	\$ -	0.35	0.00%
20	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	261.00		261.00	\$ 9.00	\$ 2,349.00	0.00	\$ -	261.00	261.00	\$ 594.00	195.00	28.29%
30	2102-2710070	EXCAVATION, CLASS 10, WASTEW	CY	8,124.00		8,124.00	\$ 23.50	\$ 193,170.00	988.00	\$ 23,216.00	2567.00	3,555.00	\$ 83,542.50	4,685.00	43.29%
40	2109-8225100	SPECIAL COMPACTION OF SUBGRADE	STA	21.50		21.50	\$ 465.00	\$ 9,997.50	0.00	\$ -	17.54	17.54	\$ 8,156.57	3.96	81.59%
50	2115-0100000	MODIFIED SUBBASE	CY	954.00		954.00	\$ 78.00	\$ 81,900.00	0.00	\$ -	641.38	641.38	\$ 50,027.64	408.62	61.08%
60	2121-7425010	GRANULAR SHOULDERS, TYPE A	TON	179.80		179.80	\$ 50.00	\$ 8,990.00	0.00	\$ -	101.74	101.74	\$ 5,087.00	78.06	56.59%
70	2122-5100007	PAVED SHOULDER, P.C. CONCRETE, 7 IN.	SY	337.30		337.30	\$ 74.00	\$ 24,960.20	0.00	\$ -	0.00	0.00	\$ -	337.30	0.00%
80	2123-7430000	SHOULDER CONSTRUCTION, EARTH	STA	13.90		13.90	\$ 930.00	\$ 12,827.00	0.00	\$ -	0.00	0.00	\$ -	13.90	0.00%
90	2123-7430000	SHOULDER FINISHING, EARTH	STA	5.20		5.20	\$ 325.00	\$ 1,690.00	0.00	\$ -	0.00	0.00	\$ -	5.20	0.00%
100	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	SY	865.20		865.20	\$ 120.00	\$ 103,824.00	1,191.30	\$ 142,950.00	2,108.10	3,209.40	\$ 305,028.00	3,422.10	40.09%
110	2301-6745000	MEDIAN, P.C. CONCRETE, 6 IN.	SY	889.20		889.20	\$ 75.00	\$ 66,690.00	0.00	\$ -	188.70	188.70	\$ 14,132.50	696.50	21.32%
120	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	8.00		8.00	\$ 800.00	\$ 6,400.00	0.00	\$ -	1.00	1.00	\$ 800.00	7.00	12.50%
130	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	7.00		7.00	\$ 610.00	\$ 4,270.00	0.00	\$ -	1.00	1.00	\$ 610.00	6.00	14.29%
140	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	2.00		2.00	\$ 730.00	\$ 1,460.00	0.00	\$ -	2.00	2.00	\$ 14,600.00	0.00	100.00%
150	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
160	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
170	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
180	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
190	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
200	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
210	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
220	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
230	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
240	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
250	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
260	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
270	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
280	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
290	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
300	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
310	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
320	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
330	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
340	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
350	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
360	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
370	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
380	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
390	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
400	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
410	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
420	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
430	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
440	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
450	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
460	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
470	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
480	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
490	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
500	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
510	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
520	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
530	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
540	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
550	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
560	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
570	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
580	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
590	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
600	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
610	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
620	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
630	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
640	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
650	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
660	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
670	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
680	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
690	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
700	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%
710	2301-6745000	REMOVE EXISTING PAVEMENT, 18 IN. DIA.	EACH	1.00		1.00	\$ 4,425.00	\$ 4,425.00	0.00	\$ -	1.00	1.00	\$ 4,425.00	0.00	100.00%

[illegible]

COMPLETED = \$1,569,127.81

25.06%



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #1 in the amount of \$53,934.59 to Alpha Landscapes, for construction services on the NW 36th Street Widening - NW Ash Dr to N Ankeny Blvd: Landscape Improvements project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #1

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NW 36th Street Widening- NW Ash Dr to N Ankeny Blvd: Landscape Improvements
Contractor: Alpha Landscapes
Address: 31273 510th Ave, Slater, IA 50244
Finance Budget Code: 992.3992.4405 **Finance Project #** 992.4405
Vendor Project or Invoice #: N/A **PO #** N/A
Original Contract Date: June 19th, 2023 **Vendor #** 11844

Date of Council Meeting: 12/18/23 **PAYMENT REQUEST #** 1
PAYMENT PERIOD: From: 09/05/23 Through: 12/01/23

Contract Summary

Original Contract Amount:	\$	79,988.00
Net change by Change Orders:	\$	-
Contract Amount to Date: (line 1 ± 2)	\$	79,988.00
Total completed and stored to date:	\$	56,773.25
Retainage: 5 % of Completed Work:	\$	2,838.66
Total Earned less Retainage:	\$	53,934.59
Less previous applications for payment:		
SUBTOTAL	\$	53,934.59

OTHER CHARGES (Attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 53,934.59

Balance to finish, including retainage: \$ 26,053.41

Contract Time Remaining (If applicable) N/A ## April 15th, 2024

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Alpha Landscapes
Firm Name
Signature: Andrew Doyle Date: 12/11/2023

Engineer / Consultant Approval: Snyder & Associates
Firm Name
Signature: [Signature] Date: December 11, 2023

City of Ankeny Staff Approval:
Signature: Adam Lust Date: 12/11/23

Submit to: Adam Lust
E-mail: alust@ankenyiowa.gov **Phone:** 515-965-6400 **Fax:** 515-963-3548

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	Alpha Landscapes	REMAINING QUANTITY	PERCENT COMPLETE
LANDSCAPING														
1	Mobilization	LS	1		1	\$ 7,425.00	\$ 7,425.00	0.75	\$ 5,568.75			\$ 5,568.75	0	75.00%
2	Temporary Traffic Control	LS	1		1	\$ 2,500.00	\$ 2,500.00	0.75	\$ 1,875.00			\$ 1,875.00	0	75.00%
3	Perennials, 1 Gallon Container, w/ Warranty	EA	181		181	\$ 22.00	\$ 3,982.00	126.00	\$ 2,772.00			\$ 2,772.00	55	69.61%
4	Ornamental Grasses, 1 Gallon Container, w/ Warranty	EA	58		58	\$ 22.00	\$ 1,276.00	40.00	\$ 880.00			\$ 880.00	18	68.97%
5	Understory Trees, 1.5" Caliper, w/ Warranty	EA	9		9	\$ 475.00	\$ 4,275.00	6.00	\$ 2,850.00			\$ 2,850.00	3	66.67%
6	Overstory Trees, 1.5" Caliper, w/ Warranty	EA	7		7	\$ 495.00	\$ 3,465.00	5.00	\$ 2,475.00			\$ 2,475.00	2	71.43%
7	Off-site Amended Topsoil, 12" Depth	CY	35		35	\$ 95.00	\$ 3,325.00	35.00	\$ 3,325.00			\$ 3,325.00	0	100.00%
8	Rock Mulch, 3" Depth, 1 1/2" Clean River Rock w/ Commercial	TN	15		15	\$ 250.00	\$ 3,750.00	15.00	\$ 3,750.00			\$ 3,750.00	0	100.00%
9	Watering and Maintenance of Trees, per Trip	EA	12		12	\$ 145.00	\$ 1,740.00	2.00	\$ 290.00			\$ 290.00	10	16.67%
10	Conventional Seeding and Fertilizing, Type 6 Salt-resistant Mix	LS	1		1	\$ 3,500.00	\$ 3,500.00	0.75	\$ 2,625.00			\$ 2,625.00	0	75.00%
11	Electrical Service for Irrigation System	LS	1		1	\$ 12,800.00	\$ 12,800.00	0.50	\$ 6,400.00			\$ 6,400.00	1	50.00%
12	Drip Irrigation System	LS	1		1	\$ 31,950.00	\$ 31,950.00	0.75	\$ 23,962.50			\$ 23,962.50	0	75.00%

TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK

CONTRACT = \$ 79,988.00 PAY PERIOD = \$ 56,773.25

COMPLETED = \$ 56,773.25

70.98%

Previous Applications for Payment

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Previous Applications for Payment

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PREVIOUS PAY APP TOTAL = \$ -

Record of Change Orders

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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining

Contract Period:	Completion Date
Construction Start Date:	June 19, 2023
Completion Date:	April 15, 2024

Substantial Completion

Contract Working Days:	N/A
Added by Change Order:	N/A
Total Working Days:	N/A
Working Days Used to Date:	N/A
Working Days Remaining:	N/A

Full Completion

Contract Working Days:	N/A
Added by Change Order:	N/A
Total Working Days:	N/A
Working Days Used to Date:	N/A
Working Days Remaining:	N/A



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #4 in the amount of \$7,875.00 to Bolton & Menk, Inc., for engineering services on the SE Corporate Woods Drive & Crosswinds Drive Traffic Signalization project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #4

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Project Title: SE Corporate Woods Drive & Crosswinds Drive Traffic Signalization
Contractor: Bolton & Menk, Inc.
Address: 1960 Premier Drive, Mankato, MN 56001
Finance Budget Code: 889.3889.4210 **Finance Project #:** 889.4210
Vendor Project #: **Purchase Order #:** NA
Original Contract Date: May 15, 2023 **Vendor Account #:** 9283

Date of Council Meeting: 12/18/2023 **Payment Application #:** 4
Payment Period: From: September 2, 2023 Through: October 27, 2023

Contract Summary:

Original Contract Amount:	\$	39,000.00	
Net Change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	39,000.00	
Total Completed and Stored to Date:	\$	23,815.50	
Retainage: 0 % of Completed Work:	\$	-	
Total Earned Less Retainage:	\$	23,815.50	
Less Previous Applications for Payment:	\$	15,940.50	
SUBTOTAL:	\$		7,875.00
OTHER CHARGES:	\$		-
CURRENT PAYMENT DUE:	\$		7,875.00
Balance to Finish, Including Retainage:	\$	15,184.50	

Contract Time Remaining: 24.00 Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: NA
 Firm Name

Signature _____ Date _____

Engineer / Consultant Approval: Bolton & Menk, Inc.

DocuSigned by:
 Jennifer Meloy
 Signature _____ Date December 5, 2023
 Firm Name

City of Ankeny Staff Approval:

Leslie Hart
 Signature _____ Date Dec 6, 2023

Submit to: Leslie Hart, Traffic Engineering Manager
E-mail: lhart@ankenyiowa.gov **Phone Number:** 515-963-3548

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	August 21, 2023	\$ 4,428.50
2	September 18, 2023	\$ 4,247.50
3	November 6, 2023	\$ 7,264.50
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 15,940.50

Record of Change Orders:

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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period:	Working Days
Construction Start Date:	

Substantial Completion:

Contract Working Days:	160.0
Added by Change Order:	
Total Working Days:	160.0
Working Days Used to Date:	136.0
Working Days Remaining:	24.0

Full Completion:

Contract Working Days:	
Added by Change Order:	
Total Working Days:	0.0
Working Days Used to Date:	
Working Days Remaining:	0.0

INVOICE

Real People. Real Solutions.

Please Remit To: Bolton & Menk, Inc.
1960 Premier Drive | Mankato, MN 56001-5900
507-625-4171 | 507-625-4177 (fax)

Payment by Credit Card Available Online at www.Bolton-Menk.com
To Ensure Proper Credit, Provide Invoice Numbers with Payment

City of Ankeny
Leslie Hart, Traffic Engineering Manager
lhart@ankenyiowa.gov
Ankeny, IA 50023

November 27, 2023
Project No: OT4.131019
Invoice No: 0325538
Client Account: ANKENY_CI_IA

Ankeny/Corporate Woods Dr/Crosswinds Dr**Project Management (001)****Professional Services**

	Hours	Amount	
Principal	.50	94.00	
Project Engineer	2.50	425.00	
Senior Project Engineer	1.00	181.00	
Totals	4.00	700.00	
Total Labor			700.00
Total this Task			\$700.00

Final Design Plans & Specifications (003)**Professional Services**

	Hours	Amount	
Design Engineer	33.00	4,455.00	
Project Engineer	16.00	2,720.00	
Totals	49.00	7,175.00	
Total Labor			7,175.00
Total this Task			\$7,175.00
Total this Invoice			\$7,875.00

Bolton & Menk, Inc. is an equal opportunity employer and federal contractor or subcontractor. Consequently, the parties agree that, as applicable, they will abide by the requirements of 41 CFR 60-1.4(a), 41 CFR 60-300.5(a) and 41 CFR 60-741.5(a) and that these laws are incorporated herein by reference. These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. These regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status or disability. The parties also agree that, as applicable, they will abide by the requirements of Executive Order 13496 (29 CFR Part 471, Appendix A to Subpart A), relating to the notice of employee rights under federal labor laws.

Notice: A Finance charge of 1.5% per month (annual percentage of 18%) is charged on balances 30 days or over.


**BOLTON
& MENK**

Real People. Real Solutions.

Ankeny Corp Woods Signal Monthly Progress Report

Date: November 27, 2023
To: Leslie Hart, PE, PTOE, Traffic Engineering Manager
From: Jennifer McCoy, PE, Sr Traffic Engineer/Project Manager

Work Completed Last Period

Laid out signal and pedestrian ramp design

Upcoming Major Work Items

 Project layout and railroad coordination
 30% plan submittal

Potential Scope/Schedule Changes
Budget Status/Percent Complete

(through current invoice period 10/27/2023)

Task Number and Description	Budget	Invoice	Previously Invoiced	Budget Remaining	Estimated Percent of Work Complete	Percent of Budget Complete
Task 1: Signal Design	\$ 39,000.00	\$ 7,875.00	\$ 15,940.50	\$ 15,184.50	65%	61%
TOTAL	\$ 39,000.00	\$ 7,875.00	\$ 15,940.50	\$ 15,184.50	65%	61%

Attached is the current invoice, which includes time through the above mentioned period. If you have any questions, please do not hesitate to call me at 515-491-0632 or email at jennifer.mccoy@bolton-menk.com.

Sincerely,
 Bolton & Menk, Inc.

Jennifer McCoy, P.E., PTOE
 Project Manager



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:
Consider motion to approve Payment #7 in the amount of \$1,151.00 to Civil Design Advantage, for engineering services on the Otter Creek Trunk Sewer Extension - Phase 4 project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #7

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Otter Creek Trunk Sewer Extension - Phase 4
Contractor: Civil Design Advantage
Address: 4121 NW Urbandale Drive, Urbandale, IA 50322
Finance Budget Code: 655.3655.4210 **Finance Project Code:** 655.4210
Vendor Project or Invoice #: _____ **PO #** _____
Original Contract Date: May 15, 2023 **Vendor #** 2407

Date of Council Meeting 12/18/2023 **PAYMENT REQUEST #** 7
PAYMENT PERIOD: From: 11/06/23 through: 12/03/23

Contract Summary

Original Contract Amount:	\$	<u>148,500.00</u>	
Net change by Change Orders:	\$	<u>-</u>	
Contract Amount to Date: (line 1 ± 2)	\$	<u>148,500.00</u>	
 Total completed and stored to date:	\$	<u>76,314.28</u>	
Retainage: _____ % of Completed Work:	\$	<u>-</u>	
Total Earned less Retainage:	\$	<u>76,314.28</u>	
Less previous applications for payment:	\$	<u>75,163.28</u>	
SUBTOTAL	\$		<u>1,151.00</u>
 OTHER CHARGES (Please attach an itemized list)	\$		<u>-</u>
 CURRENT PAYMENT DUE	\$		<u>1,151.00</u>

Balance to finish, including retainage: \$ 72,185.72

Contract Time Remaining (If applicable) _____ - CALENDAR DAYS

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name _____

Signature _____

Date _____

Engineer/Consultant Approval: Civil Design Advantage

Firm Name _____

Eric Schultz
Signature

12/07/2023
Date

City of Ankeny Staff Approval

Donald Clark
Signature

12/7/23
Date

Submit to: _____

Email: _____ Phone: _____ Fax: _____

Date Printed: 12/7/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

#	Date	Amount
1	6/19/2023	\$ 15,410.28
2	7/17/2023	\$ 25,623.00
3	8/21/2023	\$ 8,896.50
4	9/18/2023	\$ 14,921.00
5	10/16/2023	\$ 8,096.50
6	11/20/2023	\$ 2,216.00
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TOTAL \$ 75,163.28

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Record of Change Orders

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TOTAL		\$ -

Contract Time Remaining:

CONTRACT PERIOD:	CALENDAR DAYS
Original Contract Date:	May 15, 2023
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	0
Time Used to Date:	
Contract Time Remaining:	0

Invoice

Civil Design Advantage LLC
4121 NW Urbandale Drive
Urbandale, Iowa 50322
(515) 369-4400

City of Ankeny
Don Clark
220 West First Street
Ankeny, IA 50023

December 11, 2023
Project No: 2304.288
Invoice No: 43135
Due Date: January 10, 2024

Project 2304.288 C. Ankeny - Otter Creek Trunk Sewer Ph 4
Professional Services from November 6, 2023 through December 3, 2023

Task	103	Topo/Boundary Survey	Total this Task	0.00
------	-----	----------------------	-----------------	------

Task	206	Wetland Services (Impact 7G)	Total this Task	0.00
------	-----	------------------------------	-----------------	------

Task	222	Joint Application		
Professional Personnel				
			Hours	Rate
				Amount
Engineer 7			1.00	161.00
				161.00
		Total Labor		161.00
			Total this Task	\$161.00

Task	231	Project Manual Preparation		
Professional Personnel				
			Hours	Rate
				Amount
Principal/Senior Engineer			2.00	198.00
				396.00
		Total Labor		396.00
			Total this Task	\$396.00

Task	302	Construction Drawing Preparation		
Professional Personnel				
			Hours	Rate
				Amount
Principal/Senior Engineer			3.00	198.00
				594.00
		Total Labor		594.00
			Total this Task	\$594.00

Task	701	Soils Investigation (ABE)	Total this Task	0.00
------	-----	---------------------------	-----------------	------

Task	998	Permits & Fees	Total this Task	0.00
------	-----	----------------	-----------------	------

Task	999	Reimbursable Expenses	Total this Task	0.00
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Project	2304.288	C. Ankeny - Otter Creek Trunk Sewer Ph 4		Invoice	43135
Billing Limits		Current	Prior	To-Date	
Total Billings		1,151.00	75,163.28	76,314.28	
Limit				148,500.00	
Remaining				72,185.72	
Total this Invoice				<u><u>\$1,151.00</u></u>	

Should full compensation of invoice not be provided to Civil Design Advantage, LLC within 30 days of invoice date, said compensation shall be deemed past-due and shall accrue interest at 1.5% per month.

Project Manager Eric Schulte



CIVIL ENGINEERS
SURVEYORS
PLANNERS
LANDSCAPE ARCHITECTS

December 07, 2023

Attn: Don Clark, P.E.
City of Ankeny, Director of Municipal Utilities
1210 NW Prairie Ridge Drive
Ankeny, IA 50023

RE: Billing Information Report #7
Otter Creek Trunk Sewer Extension – Phase 4
Ankeny, Iowa
CDA 2304.288

Dear Don:

Enclosed is a copy of Billing Information Report #7 for Otter Creek Trunk Sewer Extension – Phase 4.

During this time, Civil Design Advantage has coordinated with franchise utility companies and coordinated with IA DNR concerning Joint Application for the Otter Creek Trunk Sewer Extension – Phase 4 project.

Please contact me with any comments or questions.

Sincerely,

CIVIL DESIGN ADVANTAGE, LLC

Eric Schulte, P.E.
Project Manager

Enclosures



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #8 in the amount of \$45,495.56 to Civil Design Advantage for engineering services on the NW 36th Street and NW Weigel Drive HMA Resurfacing project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #8

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NW 36th Street and NW Weigel Drive HMA Resurfacing
Contractor: Civil Design Advantage
Address: 4121 NW Urbandale Drive, Urbandale, IA 50322
Finance Budget Code: 895.3895.4210 Finance Project #: 895.421
Vendor Project #: _____ Purchase Order #: _____
Original Contract Date: March 6, 2023 Vendor Account #: 2407

Date of Council Meeting: December 18, 2023 Payment Application #: 8

Payment Period: From: October 2, 2023 Through: November 5, 2023

Contract Summary:

Original Contract Amount:	\$	218,864.00	
Net Change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	218,864.00	
Total Completed and Stored to Date:	\$	140,440.68	
Retainage: <u>0</u> % of Completed Work:	\$	-	
Total Earned Less Retainage:	\$	140,440.68	
Less Previous Applications for Payment:	\$	94,945.12	
SUBTOTAL:	\$		45,495.56
OTHER CHARGES:	\$		-
CURRENT PAYMENT DUE:	\$		45,495.56
Balance to Finish, Including Retainage:	\$	78,423.32	
Contract Time Remaining:		-	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer / Consultant Approval:

Civil Design Advantage

Firm Name

Signature

12/1/2023

Date

City of Ankeny Staff Approval:

Signature

12/8/2023

Date

Submit to: Jim Haberichter, P.E.

E-mail: JHaberichter@Ankenylowa.gov

Phone Number: (515) 963-3536

Date Printed: 12/1/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	April 3, 2023	\$ 14,652.14
2	April 15, 2023	\$ 3,703.70
3	June 5, 2023	\$ 20,142.70
4	June 19, 2023	\$ 5,755.33
5	July 6, 2023	\$ 2,717.25
6	September 5, 2023	\$ 29,099.50
7	October 16, 2023	\$ 18,874.50
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 94,945.12

Record of Change Orders:

No.	Date	Amount
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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period: _____
Construction Start Date: _____

Substantial Completion:

Contract Working Days: _____
Added by Change Order: _____
Total Working Days: 0.0
Working Days Used to Date: _____
Working Days Remaining: 0.0

Full Completion:

Contract Working Days: _____
Added by Change Order: _____
Total Working Days: 0.0
Working Days Used to Date: _____
Working Days Remaining: 0.0

Invoice

Civil Design Advantage LLC
4121 NW Urbandale Drive
Urbandale, Iowa 50322
(515) 369-4400

City of Ankeny
Attn: Accounts Payable
401 West First Street
Ankeny, IA 50023-1557

November 13, 2023
Project No: 2301.073
Invoice No: 43134
Due Date: December 13, 2023

Project 2301.073 C. of Ankeny - 36th/Weigel HMA Overlays
Professional Services from October 2, 2023 through November 5, 2023

Task 103 Topo/ROW Survey

Professional Personnel

	Hours	Rate	Amount	
Engineer 7	1.00	161.00	161.00	
Technician 1	1.50	58.00	87.00	
Technician 4	6.25	93.00	581.25	
Technician 5	5.50	104.00	572.00	
Total Labor				1,401.25
		Total this Task		\$1,401.25

Task 107 Existing Utility Information

Total this Task 0.00

Task 222 Joint Application Prep

Total this Task 0.00

Task 302 Preliminary Roadway Design (36th)

Professional Personnel

	Hours	Rate	Amount	
Principal/Senior Engineer	3.00	198.00	594.00	
Engineer 2	.50	102.00	51.00	
Engineer 7	2.50	161.00	402.50	
Engineer 8	17.50	172.00	3,010.00	
Technician 7	22.50	124.00	2,790.00	
Total Labor				6,847.50
		Total this Task		\$6,847.50

Task 303 Preliminary Roadway Design (Weigel)

Professional Personnel

	Hours	Rate	Amount	
Principal/Senior Engineer	3.00	198.00	594.00	
Technician 7	37.50	124.00	4,650.00	
Total Labor				5,244.00
		Total this Task		\$5,244.00

Task 304 Preliminary Construction Drawings (HMA)

Professional Personnel

	Hours	Rate	Amount	
Technician 3	14.75	81.00	1,194.75	
Total Labor				1,194.75

Project	2301.073	C. of Ankeny - 36th/Weigel HMA Overlays	Invoice	43134
			Total this Task	\$1,194.75
Task	305	Check Construction Drawings (HMA)		
Professional Personnel				
		Hours	Rate	Amount
Principal/Senior Engineer		2.00	198.00	396.00
Engineer 2		5.50	102.00	561.00
Engineer 7		133.00	161.00	21,413.00
Technician 7		25.50	124.00	3,162.00
Total Labor				25,532.00
			Total this Task	\$25,532.00
Task	306	Final Construction Drawings (HMA)		
Professional Personnel				
		Hours	Rate	Amount
Principal/Senior Engineer		4.00	198.00	792.00
Technician 4		4.00	93.00	372.00
Technician 7		26.50	124.00	3,286.00
Total Labor				4,450.00
			Total this Task	\$4,450.00
Task	404	Front Ends/Project Manual		
Professional Personnel				
		Hours	Rate	Amount
Principal/Senior Engineer		4.00	198.00	792.00
Total Labor				792.00
			Total this Task	\$792.00
Task	405	Estimated Construction Costs		
			Total this Task	0.00
Task	504	Bidding Services		
			Total this Task	0.00
Task	505	Bid Letting Services		
			Total this Task	0.00
Task	701	Allendar Butzke - Geotechnical Invest.		
			Total this Task	0.00
Task	998	Permits & Fees		
			Total this Task	0.00
Task	999	Reimbursable Expenses		
Unit Billing				
10/27/2023	Mileage	52.0 miles @ 0.655	34.06	
Total Units			34.06	34.06
			Total this Task	\$34.06
Billing Limits				
		Current	Prior	To-Date
Total Billings		45,495.56	94,945.12	140,440.68
Limit				218,864.00

Project	2301.073	C. of Ankeny - 36th/Weigel HMA Overlays	Invoice	43134
Remaining			78,423.32	
			Total this Invoice	<u>\$45,495.56</u>

Should full compensation of invoice not be provided to Civil Design Advantage, LLC within 30 days of invoice date, said compensation shall be deemed past-due and shall accrue interest at 1.5% per month.

Project Manager Joshua Trygstad



CIVIL ENGINEERS
SURVEYORS
PLANNERS
LANDSCAPE ARCHITECTS

December 4, 2023

Attn: Jim Haberichter, P.E.
City of Ankeny
1210 NW Prairie Ridge Drive
Ankeny, IA 50023

RE: Billing Information Report #8
NW 36th Street and NW Weigel Drive HMA Resurfacing
Ankeny, Iowa
CDA 2301.073

Dear Jim:

Enclosed, please find a copy of Billing Information Report #8 for the NW 36th Street and NW Weigel Drive HMA Resurfacing project.

During this time, Civil Design Advantage prepared and submitted Check Plans.

Please contact me with any comments or questions.

Sincerely,

CIVIL DESIGN ADVANTAGE, LLC

Josh Trygstad, P.E.
Project Manager

Enclosures



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:

Consider motion to approve Payment #4 in the amount of \$27,950.00 to DIXON Engineering, Inc., for engineering services on the Delaware Ground Storage Reservoir Rehabilitation project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #4

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Delaware Ground Storage Reservoir Rehabilitation Project
Contractor: DIXON Engineering, Inc.
Address: 1104 Third Ave, Lake Odessa, MI 48849
Finance Budget Code: 637.3637.4210 Finance Project #: 637.4210
Vendor Project #: IA2023TSW-5000 Purchase Order #:
Original Contract Date: January 3, 2023 Vendor Account #: 9477

Date of Council Meeting: 12/18/23

Payment Application #: 4

Payment Period: From: October 1, 2023 Through: October 31, 2023

Contract Summary:

Original Contract Amount:	\$	7,225.00	
Net Change by Change Orders:	\$	42,850.00	
Contract Amount to Date: (line 1 ± 2)	\$		50,075.00
Total Completed and Stored to Date:	\$	39,225.00	
Retainage: 0 % of Completed Work:	\$	-	
Total Earned Less Retainage:	\$		39,225.00
Less Previous Applications for Payment:	\$		11,275.00
SUBTOTAL:			\$ 27,950.00
OTHER CHARGES:			\$ -
CURRENT PAYMENT DUE:			\$ 27,950.00
Balance to Finish, Including Retainage:	\$		10,850.00
Contract Time Remaining:		-	Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer / Consultant Approval:

DIXON Engineering, Inc.

Firm Name

Signature

December 6, 2023

Date

City of Ankeny Staff Approval:

Signature

Date

Submit to:

Don Clark, Director of Municipal Utilities

E-mail:

dclark@ankenyiowa.gov

Phone Number:

515-963-3529

Date Printed: 12/5/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	April 7, 2023	\$ 5,850.00
2	June 19, 2023	\$ 1,375.00
3	October 17, 2023	\$ 4,050.00
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 11,275.00

Record of Change Orders:

No.	Date	Amount
1	July 10, 2023	\$ 42,850.00
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CHANGE ORDER TOTAL = \$ 42,850.00

Contract Time Remaining:

Contract Period: Working Days
Construction Start Date:

Substantial Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0

Full Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0

DIXON ENGINEERING, INC.

1104 Third Avenue, Lake Odessa, MI 48849 • Tel: 616-374-3221 • Fax: 616-374-7116

City of Ankeny
410 W First St
Ankeny, IA 50023
Attn: Don Clark

Invoice number 23-1352
Date 12/04/2023
Project IA2023TSW-5000 ANKENY IA

Description	Contract Amount	Prior Billed	Current Billed
500,000 Gallon Reservoir - (Delaware) #15 77 03 02			
Technical Specifications, Bidding & Contract Documents	5,850.00	5,850.00	0.00
Bid Opening Meeting	1,375.00	1,375.00	0.00
Preconstruction Meeting	1,550.00	1,550.00	0.00
Project Administration	5,000.00	2,500.00	2,500.00
Cathodic Installation	1,550.00	0.00	1,550.00
Weld Services	3,100.00	0.00	3,100.00
Critical Phase Services	24,750.00	0.00	19,250.00
Finalization Site Review	3,100.00	0.00	1,550.00
Warranty Observation	3,800.00	0.00	0.00
Subtotal	50,075.00	11,275.00	27,950.00
Total	50,075.00	11,275.00	27,950.00

Invoice total 27,950.00

PLEASE MAKE PAYMENT TO OUR CORPORATE OFFICE: DIXON ENGINEERING, INC., 1104 THIRD AVENUE, LAKE ODESSA MI 48849

ALL INVOICES DUE NET 30

PAYMENT BY CREDIT CARD --- PLEASE VISIT OUR WEB SITE AT --- www.dixonengineering.net/invoice-payment/.

Enter the password: InvoiceAcce\$\$



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #8 in the amount of \$903,093.19 to Elder Corporation, for construction services on the NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #8

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NE Delaware Avenue Reconstruction - NE 5th Street to Fourmile Creek
Contractor: Elder Corporation
Address: 5088 E University Ave, Pleasant Hill, IA
Finance Budget Code: 979.3979.4451 **Finance Project #** 979.4451
Vendor Project or Invoice #: 990 **PO #**
Original Contract Date: January 3, 2023 **Vendor #** 5340

Date of Council Meeting: December 18, 2023 **PAYMENT REQUEST #** 8
PAYMENT PERIOD: From: October 1, 2023 Through: October 31, 2023

Contract Summary

Original Contract Amount:	\$	9,993,000.00	
Net change by Change Orders:	\$	16,833.90	
Contract Amount to Date: (line 1 ± 2)	\$		10,009,833.90
Total completed and stored to date:	\$	4,964,659.82	
Retainage: % of Completed Work:	\$	30,000.00	(Per Iowa DOT Specifications)
Total Earned less Retainage:	\$		4,934,659.82
Less previous applications for payment:	\$		4,031,566.63
SUBTOTAL			\$ 903,093.19

OTHER CHARGES (Attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 903,093.19

Balance to finish, including retainage: \$ 5,075,174.08

Contract Time Remaining (If applicable)	-	Working Days	(2023)
Contract Time Remaining (If applicable)	120.00	Working Days	(2024)

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Elder Corporation

Wade Harris, P.E. Digitally signed by Wade Harris, P.E.
DN: cn=Wade Harris, o=Elder Corporation, ou=Project
Please sign this document
Date: 2023.12.08 07:53:27-0600 **Firm Name**
 Signature 12/8/2023
 Date

Engineer / Consultant Approval: Snyder & Associates, Inc.

Jordan Stoermer Digitally signed by Jordan Stoermer, P.E.
DN: cn=JStoermer@snyder-associates.com,
o=Snyder & Associates, Inc., ou=Project
Engineer, cn=Jordan Stoermer
Date: 2023.12.08 08:20:58-0600 **Firm Name**
 Signature 12/8/2023
 Date

City of Ankeny Staff Approval:

Adam Lust 12/08/23
 Signature Date

Submit to: Adam Lust
E-mail: ALust@Ankenylowa.gov **Phone:** (515) 963-3537 **Fax:** (515) 963-3535

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL																																	
ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY DIVISION 1	QUANTITY CHANGE DIVISION 1 (BY CHANGE ORDER)	ORIGINAL PROPOSED QUANTITY DIVISION 2	QUANTITY CHANGE DIVISION 2 (BY CHANGE ORDER)	ORIGINAL PROPOSED QUANTITY DIVISION 3	QUANTITY CHANGE DIVISION 3 (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD DIVISION 1	TOTAL QUANTITY THIS PAY PERIOD DIVISION 2	TOTAL QUANTITY THIS PAY PERIOD DIVISION 3	TOTAL VALUE THIS PAY PERIOD DIVISION 1	TOTAL VALUE THIS PAY PERIOD DIVISION 2	TOTAL VALUE THIS PAY PERIOD DIVISION 3	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY DIVISION 1 PREVIOUS PAY PERIODS	TOTAL QUANTITY DIVISION 2 PREVIOUS PAY PERIODS	TOTAL QUANTITY DIVISION 3 PREVIOUS PAY PERIODS	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY DIVISION 1 COMPLETE	TOTAL QUANTITY DIVISION 2 COMPLETE	TOTAL QUANTITY DIVISION 3 COMPLETE	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK DIVISION 1	TOTAL VALUE OF COMPLETED WORK DIVISION 2	TOTAL VALUE OF COMPLETED WORK DIVISION 3	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE	
1	CLEARING AND GRUBBING	UNIT	1335						1,335.00	\$ 59.00	\$ 78,765.00	35.50			\$ 2,094.50	\$ -	\$ -	\$ 2,094.50	1,254.70				1,254.70	1,290.20	0.00	0.00	1,290.20	\$ 76,121.80	\$ -	\$ -	\$ 76,121.80	44.80	96.64%
2	EMBANKMENT-IN-PLACE, STOCKPILE	CY	6513		1628				8,141.00	\$ 6.75	\$ 54,951.75				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	8,141.00	0.00%	
3	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	9047		2262				11,309.00	\$ 6.50	\$ 73,508.50				\$ -	\$ -	\$ -	\$ -	4,302.00			4,302.00	4,302.00	0.00	0.00	4,302.00	\$ 27,963.00	\$ -	\$ -	\$ 27,963.00	7,007.00	38.04%	
4	EXCAVATION, CLASS 10, WASTE	CY	8381		2095				10,476.00	\$ 9.15	\$ 95,855.40				\$ -	\$ -	\$ -	\$ -	8,381.00	2,095.00		10,476.00	8,381.00	2,095.00	0.00	0.00	10,476.00	\$ 76,686.15	\$ 19,169.25	\$ -	\$ 95,855.40	0.00	100.00%
5	EXCAVATION, CLASS 12, BOULDERS OR ROCK FRAGMENTS	CY	400						400.00	\$ 50.00	\$ 20,000.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	400.00	0.00%	
6	EXCAVATION, CLASS 10, CHANNEL	CY	1262						1,262.00	\$ 12.00	\$ 15,144.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	1,262.00	0.00%	
7	TOPSOIL, STRIP, SALVAGE AND SPREAD	CY	4646						4,646.00	\$ 24.00	\$ 111,504.00				\$ -	\$ -	\$ -	\$ -	2,273.00			2,273.00	2,273.00	0.00	0.00	2,273.00	\$ 54,552.00	\$ -	\$ -	\$ 54,552.00	2,373.00	48.92%	
8	COMPACTING BACKFILL ADJACENT TO BRIDGES, CULVERTS OR STRUCTURES	CY	170						170.00	\$ 28.50	\$ 4,845.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	170.00	0.00%	
9	COMPACTION WITH MOISTURE AND DENSITY CONTROL	CY	17516		4380				21,896.00	\$ 1.75	\$ 38,318.00	3,309.00			\$ 5,790.75	\$ -	\$ -	\$ 5,790.75				0.00	3,309.00	0.00	0.00	3,309.00	\$ 5,790.75	\$ -	\$ -	\$ 5,790.75	18,587.00	15.11%	
10	SPECIAL COMPACTION OF SUBGRADE	STA	43		10.7				53.70	\$ 1,900.00	\$ 102,030.00				\$ -	\$ -	\$ -	\$ -	29.60			29.60	29.60	0.00	0.00	29.60	\$ 56,240.00	\$ -	\$ -	\$ 56,240.00	24.10	55.12%	
11	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	SY	4000	(2,000.00)					2,000.00	\$ 4.50	\$ 9,000.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	2,000.00	0.00%	
12	MODIFIED SUBBASE, 6 INCH DEPTH (VIRGIN AGGREGATE)	CY	685						685.00	\$ 61.00	\$ 41,785.00				\$ -	\$ -	\$ -	\$ -	258.80			258.80	258.80	0.00	0.00	258.80	\$ 15,786.80	\$ -	\$ -	\$ 15,786.80	426.20	37.78%	
13	MODIFIED SUBBASE , 8 INCH DEPTH (VIRGIN AGGREGATE)	CY	7629		975				8,604.00	\$ 61.50	\$ 529,146.00				\$ -	\$ -	\$ -	\$ -	4,558.00			4,558.00	4,558.00	0.00	0.00	4,558.00	\$ 280,316.69	\$ -	\$ -	\$ 280,316.69	4,046.01	52.98%	
14	GRANULAR SHOULDERS, TYPE A	TON	80						80.00	\$ 64.50	\$ 5,160.00	9.60			\$ 619.20	\$ -	\$ -	\$ 619.20				0.00	9.60	0.00	0.00	9.60	\$ 619.20	\$ -	\$ -	\$ 619.20	70.40	12.00%	
15	SHOULDER FINISHING, EARTH	STA	164.75						164.75	\$ 500.00	\$ 82,375.00	15.50			\$ 7,750.00	\$ -	\$ -	\$ 7,750.00	65.00			65.00	80.50	0.00	0.00	80.50	\$ 40,250.00	\$ -	\$ -	\$ 40,250.00	84.25	48.86%	
16	REMOVAL OF CURB	STA	0.5						0.50	\$ 2,200.00	\$ 1,100.00	0.50			\$ 1,100.00	\$ -	\$ -	\$ 1,100.00				0.00	0.50	0.00	0.00	0.50	\$ 1,100.00	\$ -	\$ -	\$ 1,100.00	0.00	100.00%	
17	RELOCATION OF MAIL BOXES	EACH	9	1.00					10.00	\$ 590.00	\$ 5,900.00	1.50			\$ 885.00	\$ -	\$ -	\$ 885.00	2.50			2.50	4.00	0.00	0.00	4.00	\$ 2,360.00	\$ -	\$ -	\$ 2,360.00	6.00	40.00%	
18	BRIDGE APPROACH, BR-201	SY	248						248.00	\$ 237.00	\$ 58,776.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	248.00	0.00%	
19	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3, 8 IN.	SY	3493						3,493.00	\$ 96.00	\$ 335,328.00				\$ -	\$ -	\$ -	\$ -	1,361.60			1,361.60	1,361.60	0.00	0.00	1,361.60	\$ 130,713.60	\$ -	\$ -	\$ 130,713.60	2,131.40	38.98%	
20	STANDARD OR SLIP-FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3, 9 IN.	SY	29307		4390				33,697.00	\$ 84.00	\$ 2,830,548.00	543.30			\$ 45,637.20	\$ -	\$ -	\$ 45,637.20	16,952.30			16,952.30	17,495.60	0.00	0.00	17,495.60	\$ 1,469,630.40	\$ -	\$ -	\$ 1,469,630.40	16,201.40	51.92%	
21	MEDIAN, DOWELLED P.C. CONCRETE, 6 INCH	SY	29307		27				27.00	\$ 141.00	\$ 3,807.00	27.00			\$ 3,807.00	\$ -	\$ -	\$ 3,807.00				0.00	27.00	0.00	0.00	27.00	\$ 3,807.00	\$ -	\$ -	\$ 3,807.00	0.00	100.00%	
22	MEDIAN, P.C. CONCRETE, 6 IN.	SY			596				596.00	\$ 136.00	\$ 81,056.00	62.40			\$ 8,486.40	\$ -	\$ -	\$ 8,486.40	246.70			246.70	62.40	246.70	0.00	309.10	\$ 8,486.40	\$ 33,551.20	\$ -	\$ 42,037.60	286.90	51.86%	
23	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1						1.00	\$ 39,000.00	\$ 39,000.00	0.50			\$ 19,500.00	\$ -	\$ -	\$ 19,500.00				0.00	0.50	0.00	0.00	0.50	\$ 19,500.00	\$ -	\$ -	\$ 19,500.00	0.50	50.00%	
24	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS	EACH	29307		4390				33,697.00	\$ 1.00	\$ 33,697.00	39,005.98			\$ 39,005.98	\$ -	\$ -	\$ 39,005.98				0.00	39,005.98	0.00	0.00	39,005.98	\$ 39,005.98	\$ -	\$ -	\$ 39,005.98	(5,308.98)	115.76%	
25	TEMPORARY PAVEMENT, 6 INCH	SY	925						925.00	\$ 56.00	\$ 51,800.00	419.90			\$ 23,514.40	\$ -	\$ -	\$ 23,514.40	448.70			448.70	868.60	0.00	0.00	868.60	\$ 48,641.60	\$ -	\$ -	\$ 48,641.60	56.40	93.90%</	

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

78	DRIVEWAY, P.C. CONCRETE, 6 IN., STAMPED AND COLORED	SY	40						40.00	\$ 270.00	\$ 10,800.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	40.00	0.00%	
79	DRIVEWAY, P.C. CONCRETE, 7 IN.	SY	560						560.00	\$ 61.00	\$ 34,160.00				\$ -	\$ -	\$ -	\$ -	560.00			560.00	560.00	0.00	0.00	560.00	\$ 34,160.00	\$ -	\$ -	\$ 34,160.00	0.00	100.00%	
80	REMOVAL OF PAVED DRIVEWAY	SY	1446						1,446.00	\$ 8.50	\$ 12,291.00	(678.10)			\$ (5,763.85)	\$ -	\$ -	\$ (5,763.85)	1,701.10			1,701.10	1,023.00	0.00	0.00	1,023.00	\$ 8,695.50	\$ -	\$ -	\$ 8,695.50	423.00	70.75%	
81	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	110	(3.20)					106.80	\$ 810.00	\$ 86,508.00		106.80		\$ 86,508.00	\$ -	\$ -	\$ 86,508.00				0.00	106.80	0.00	0.00	106.80	\$ 86,508.00	\$ -	\$ -	\$ 86,508.00	0.00	100.00%	
82	FENCE, TEMPORARY, ORANGE SAFETY FENCE	LF	5556						5,556.00	\$ 5.25	\$ 29,169.00				\$ -	\$ -	\$ -	\$ -	4,083.00			4,083.00	4,083.00	0.00	0.00	4,083.00	\$ 21,435.75	\$ -	\$ -	\$ 21,435.75	1,473.00	73.49%	
83	REMOVAL AND REINSTALLATION OF FENCE, 6 FT. HEIGHT WOOD PRIVACY FENCE	LF	370	(130.00)					240.00	\$ 49.00	\$ 11,760.00	240.00			\$ 11,760.00	\$ -	\$ -	\$ 11,760.00				0.00	240.00	0.00	0.00	240.00	\$ 11,760.00	\$ -	\$ -	\$ 11,760.00	0.00	100.00%	
84	HANDHOLES AND JUNCTION BOXES, TYPE III, 36 IN X 24 IN. X 30 IN.	EACH	6						6.00	\$ 1,900.00	\$ 11,400.00				\$ -	\$ -	\$ -	\$ -	3.00			3.00	3.00	0.00	0.00	3.00	\$ 5,700.00	\$ -	\$ -	\$ 5,700.00	3.00	50.00%	
85	HANDHOLES AND JUNCTION BOXES, TYPE IV, 48 IN. X 30 IN. X 36 IN.	EACH	4						4.00	\$ 2,000.00	\$ 8,000.00				\$ -	\$ -	\$ -	\$ -	1.00			1.00	1.00	0.00	0.00	1.00	\$ 2,000.00	\$ -	\$ -	\$ 2,000.00	3.00	25.00%	
86	REMOVAL OF TYPE A SIGN	EACH	38						38.00	\$ 152.00	\$ 5,776.00	13.00			\$ 1,976.00	\$ -	\$ -	\$ 1,976.00				0.00	13.00	0.00	0.00	13.00	\$ 1,976.00	\$ -	\$ -	\$ 1,976.00	25.00	34.21%	
87	POSTS, STEEL, AS PER PLAN	EACH	18						18.00	\$ 152.00	\$ 2,736.00	10.00			\$ 1,520.00	\$ -	\$ -	\$ 1,520.00				0.00	10.00	0.00	0.00	10.00	\$ 1,520.00	\$ -	\$ -	\$ 1,520.00	8.00	55.56%	
88	WOOD POSTS FOR TYPE A OR B SIGNS, 4 IN. X 4 IN.	LF	906						906.00	\$ 25.50	\$ 23,103.00	352.00			\$ 8,976.00	\$ -	\$ -	\$ 8,976.00				0.00	352.00	0.00	0.00	352.00	\$ 8,976.00	\$ -	\$ -	\$ 8,976.00	554.00	38.85%	
89	TYPE A SIGNS, SHEET ALUMINUM	SF	336.8						336.80	\$ 51.00	\$ 17,176.80	183.90			\$ 9,378.90	\$ -	\$ -	\$ 9,378.90				0.00	183.90	0.00	0.00	183.90	\$ 9,378.90	\$ -	\$ -	\$ 9,378.90	152.90	54.60%	
90	INSTALL TYPE A SIGN	EACH	74						74.00	\$ 202.00	\$ 14,948.00	40.00			\$ 8,080.00	\$ -	\$ -	\$ 8,080.00				0.00	40.00	0.00	0.00	40.00	\$ 8,080.00	\$ -	\$ -	\$ 8,080.00	34.00	54.05%	
91	TRAFFIC SIGNALIZATION, NE 18TH STREET INTERSECTION	LS					1		1.00	\$ 229,000.00	\$ 229,000.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	1.00	0.00%	
92	TRAFFIC SIGNALIZATION, NE 5TH STREET INTERSECTION	LS					1		1.00	\$ 229,000.00	\$ 229,000.00		1.00		\$ -	\$ 229,000.00	\$ -	\$ 229,000.00				0.00	0.00	1.00	0.00	1.00	\$ -	\$ 229,000.00	\$ -	\$ 229,000.00	0.00	100.00%	
93	REMOVAL OF TRAFFIC SIGNALIZATION	LS	1						1.00	\$ 7,600.00	\$ 7,600.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	1.00	0.00%	
94	RAISED PAVEMENT MARKERS	EACH	336						336.00	\$ 25.50	\$ 8,568.00	167.00			\$ 4,258.50	\$ -	\$ -	\$ 4,258.50				0.00	167.00	0.00	0.00	167.00	\$ 4,258.50	\$ -	\$ -	\$ 4,258.50	169.00	49.70%	
95	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	STA	34.5						34.50	\$ 35.00	\$ 1,207.50	17.50			\$ 612.50	\$ -	\$ -	\$ 612.50				0.00	17.50	0.00	0.00	17.50	\$ 612.50	\$ -	\$ -	\$ 612.50	17.00	50.72%	
96	PAINTED PAVEMENT MARKINGS, DURABLE	STA	206.79				51.7		258.49	\$ 71.00	\$ 18,352.79	123.90			\$ 8,796.90	\$ -	\$ -	\$ 8,796.90				0.00	123.90	0.00	0.00	123.90	\$ 8,796.90	\$ -	\$ -	\$ 8,796.90	134.59	47.93%	
97	PAINTED SYMBOLS AND LEGENDS, DURABLE	EACH	19				17		36.00	\$ 131.00	\$ 4,716.00	16.00			\$ 2,096.00	\$ -	\$ -	\$ 2,096.00				0.00	16.00	0.00	0.00	16.00	\$ 2,096.00	\$ -	\$ -	\$ 2,096.00	20.00	44.44%	
98	PAVEMENT MARKINGS REMOVED	STA	29.6						29.60	\$ 56.00	\$ 1,657.60	16.09			\$ 901.04	\$ -	\$ -	\$ 901.04				0.00	16.09	0.00	0.00	16.09	\$ 901.04	\$ -	\$ -	\$ 901.04	13.51	54.36%	
99	SYMBOLS AND LEGENDS REMOVED	EACH	5						5.00	\$ 101.00	\$ 505.00	3.00			\$ 303.00	\$ -	\$ -	\$ 303.00				0.00	3.00	0.00	0.00	3.00	\$ 303.00	\$ -	\$ -	\$ 303.00	2.00	60.00%	
100	GROOVES CUT FOR PAVEMENT MARKINGS	STA	167.91				42		209.91	\$ 35.00	\$ 7,346.85	121.29			\$ 4,245.15	\$ -	\$ -	\$ 4,245.15				0.00	121.29	0.00	0.00	121.29	\$ 4,245.15	\$ -	\$ -	\$ 4,245.15	88.62	57.78%	
101	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	17				17		34.00	\$ 111.00	\$ 3,774.00	14.00			\$ 1,554.00	\$ -	\$ -	\$ 1,554.00				0.00	14.00	0.00	0.00	14.00	\$ 1,554.00	\$ -	\$ -	\$ 1,554.00	20.00	41.18%	
102	SAFETY CLOSURE	EACH	27						27.00	\$ 202.00	\$ 5,454.00	2.00			\$ 404.00	\$ -	\$ -	\$ 404.00	8.00			8.00	10.00	0.00	0.00	10.00	\$ 2,020.00	\$ -	\$ -	\$ 2,020.00	17.00	37.04%	
103	NO EXCUSE ROAD OPENING BONUS, ALL ROADWAYS OPEN BY OCTOBER 7, 2023	LS	1						1.00	\$ 75,000.00	\$ 75,000.00	1.00			\$ 75,000.00	\$ -	\$ -	\$ 75,000.00				0.00	1.00	0.00	0.00	1.00	\$ 75,000.00	\$ -	\$ -	\$ 75,000.00	0.00	100.00%	
104	NO EXCUSE ROAD OPENING BONUS, ALL ROADWAYS OPEN BY OCTOBER 5, 2024	LS	1						1.00	\$ 75,000.00	\$ 75,000.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	1.00	0.00%	
105	TRAFFIC CONTROL	LS	1	0.02					1.02	\$ 99,000.00	\$ 100,650.00				\$ -	\$ -	\$ -	\$ -	0.51			0.51	0.51	0.00	0.00	0.51	\$ 50,325.33	\$ -	\$ -	\$ 50,325.33	0.51	50.00%	
106	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	80						80.00	\$ 101.00	\$ 8,080.00	20.00			\$ 2,020.00	\$ -	\$ -	\$ 2,020.00	8.00			8.00	28.00	0.00	0.00	28.00	\$ 2,828.00	\$ -	\$ -	\$ 2,828.00	52.00	35.00%	
107	MOBILIZATION	LS	1						1.00	\$ 526,167.21	\$ 526,167.21				\$ -	\$ -	\$ -	\$ -	1.00			1.00	1.00	0.00	0.00	1.00	\$ 526,167.21	\$ -	\$ -	\$ 526,167.21	0.00	100.00%	
108	TRENCH COMPACTION TESTING	LS	1						1.00	\$ 6,500.00	\$ 6,500.00	0.50			\$ 3,250.00	\$ -	\$ -	\$ 3,250.00	0.40			0.40	0.90	0.00	0.00	0.90	\$ 5,850.00	\$ -	\$ -	\$ 5,850.00	0.10	90.00%	
109	WATER MAIN, TRENCHED, POLYVINYL CHLORIDE PIPE (PVC), 8 IN.	LF						390	390.00	\$ 97.00	\$ 37,830.00				\$ -	\$ -	\$ -	\$ -	365.00			365.00	0.00	0.00	365.00	365.00	\$ -	\$ -	\$ 35,405.00	\$ 35,405.00	25.00	93.59%	
110	FITTINGS BY WEIGHT, DUCTILE IRON	LB						520	520.00	\$ 18.00	\$ 9,360.00				\$ -	\$ -	\$ -	\$ -	204			204.00	204.00	0.00	0.00	204.00	204.00	\$ -	\$ -	\$ 3,672.00	\$ 3,672.00	316.00	39.23%
111	WATER SERVICE CURB STOP AND BOX, PVC, 1.0 IN.	EACH	4	(1.00)					3.00	\$ 3,700.00	\$ 11,100.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	3.00	0.00%	
112	TAPPING VALVE ASSEMBLY, 8 IN.	EACH	1						1.00	\$ 6,900.00	\$ 6,900.00				\$ -	\$ -	\$ -	\$ -	1.00			1.00	1.00	0.00	0.00	1.00	\$ 6,900.00	\$ -	\$ -	\$ 6,900.00	0.00	100.00%	
113	FIRE HYDRANT ASSEMBLY, WM-201	EACH	1						1.00	\$ 6,600.00	\$ 6,600.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	1.00	0.00%	
114	FIRE HYDRANT ASSEMBLY, WM-201, ALTERNATE	EACH	1						1.00	\$ 7,200.00	\$ 7,200.00				\$ -	\$ -	\$ -	\$ -	1.00			1.00	1.00	0.00	0.00	1.00	\$ 7,200.00	\$ -	\$ -	\$ 7,200.00	0.00	100.00%	
115	VALVE BOX EXTENSION	EACH	6					1.00	7.00	\$ 660.00	\$ 4,620.00			5.00	\$ -	\$ -	\$ 3,300.00	\$ 3,300.00	1.00			1.00	0.00	0.00	6.00	6.00	\$ -	\$ -	\$ 3,960.00	\$ 3,960.00	1.00	85.71%	
116	VALVE BOX REPLACEMENT	EACH	8						8.00	\$ 660.00	\$ 5,280.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	8.00	0.00%	
117	BIO-RETENTION CELL INSTALLATION	EACH	4						4.00	\$ 32,000.00	\$ 128,000.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	4.00	0.00%	
118	EXTERNAL DROP CONNECTION, SW-307, REMOVAL	EACH	1						1.00	\$ 5,900.00	\$ 5,900.00				\$ -	\$ -	\$ -	\$ -	1.00			1.00	1.00	0.00	0.00	1.00	\$ 5,900.00	\$ -	\$ -	\$ 5,900.00	0.00	100.00%	
119	HYDRANT (IN LINE), GATE VALVE, 6 IN.	EACH					1		1.00	\$ 6,600.00	\$ 6,600.00				\$ -	\$ -	\$ -	\$ -			1.00	1.00	0.00	0.00	1.00	1.00	\$ -	\$ -	\$ 6,600.00	\$ 6,600.00	0.00	100.00%	
120	HYDRANT REMOVAL	EACH					2		2.00	\$ 970.00	\$ 1,940.00				\$ -	\$ -	\$ -	\$ -			1.00	1.00	0.00	0.00	1.00	1.00	\$ -	\$ -	\$ 970.00	\$ 970.00	1.00	50.00%	
121	SUBDRAIN CLEANOUT, TYPE B	EACH	6				2.00		8.00	\$ 2,000.00	\$ 16,000.00				\$ -	\$ -	\$ -	\$ -	4.00			4.00	4.00	0.00	0.00	4.00	\$ 8,000.00	\$ -	\$ -	\$ 8,000.00	4.00	50.00%	
122	CONDUIT, BLUE HDPE, 2 IN.	LF	6570						6,570.00	\$ 15.00	\$ 98,550.00				\$ -	\$ -	\$ -	\$ -				0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	\$ -	\$ -	6,570.00	0.00%	
123	REMOVAL OF ABANDONED HIGH PRESSURE GAS MAIN	LF	4400	(2,400.00)					2,000.00	\$ 1.25	\$ 2,500.00				\$ -	\$ -	\$ -	\$ -	93.20			93.20	93.20	0.00	0.00	93.20	\$ 116.50	\$ -	\$ -	\$ 116.50	1,906.80	4.66%	
124	CONCRETE WASHOUT	LS	1						1.00	\$ 23,000.00	\$ 23,000.00	0.05			\$ 1,																		

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	April 17, 2023	\$ 193,428.65
2	May 15, 2023	\$ 347,978.24
3	June 19, 2023	\$ 597,513.62
4	July 19, 2023	\$ 453,219.51
5	August 21, 2023	\$ 770,595.15
6	September 18, 2023	\$ 1,322,169.38
7	October 16, 2023	\$ 346,662.08
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Previous Applications for Payment

No.	Date	Amount
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PREVIOUS PAY APP TOTAL = \$ 4,031,566.63

Record of Change Orders

No.	Date	Amount
1	May 15, 2023	\$ 4,400.00
2	July 17, 2023	\$ 8,856.00
3	August 21, 2023	\$ 3,440.00
4	December 18, 2023	\$ 137.90
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CHANGE ORDER TOTAL = \$ 16,833.90

Contract Time Remaining (2023)

Contract Period (2023):	Working Days
Construction Start Date (2023):	March 27, 2023
Contract Working Days (2023):	120.0
Added by Change Order (2023):	0.0
Total Working Days (2023):	120.0
Working Days Used to Date (2023):	120.0
Working Days Remaining (2023):	0.0

Contract Time Remaining (2024)

Contract Period (2024):	Working Days
Construction Start Date (2024):	TBD
Contract Working Days (2024):	120.0
Added by Change Order (2024):	0.0
Total Working Days (2024):	120.0
Working Days Used to Date (2024):	
Working Days Remaining (2024):	120.0



December 18, 2023

Adam Lust, P.E.
City of Ankeny
1210 NW Prairie Ridge Drive
Ankeny, Iowa 50023

RE: NE DELAWARE AVENUE RECON. – NE 5TH STREET TO FOURMILE CREEK
PARTIAL PAYMENT APPLICATION NO. 08
CHANGE ORDER NO.4
FINANCE PROJECT NO. 979.4451
S&A PROJECT NO. 121.0695.01

Dear Mr. Lust:

Partial Payment Application No. 8 includes work completed between October 1, 2023, and October 31, 2023. The Contractor's work through this period includes earthwork, erosion control, sidewalk and trail pavement, all retaining wall work, median work, temporary pavement, driveway pavement, granular shoulder, curb and gutter, pavement markings, seeding, and installation of traffic signals at the 5th Street intersection. We recommend payment of \$903,093.19 to the Contractor, Elder Corporation, for work completed through October 31, 2023. 48.8% of the total contract work has been completed and 120 of the 120 working days (100%) have been charged for the Year 1 construction.

Change Order No. 4 includes quantity adjustments for year 1 construction due to field adjustments for sidewalks and retaining walls. Temporary delineators were added to the NB lanes at the temporary pavement taper on Delaware Avenue due to safety concerns. Additional traffic control was added for detour signs to help traffic confusion at the Delaware Park townhome entrance while the new driveway was being paved. Additionally, a new concrete floor was poured for ST-70 so storm water can flow to the subdrain invert elevation.

Please contact me should you have any questions on this partial payment application. We will be in attendance at the December 18, 2023, council meeting to answer any questions regarding this partial payment application.

Sincerely,

SNYDER & ASSOCIATES, INC.

A handwritten signature in blue ink that reads 'Jordan Stoecker'.

Partial Payment Application No. 8
Snyder & Associates, Inc
December 18, 2023
Page 2 of 2

Jordan M. Stoermer, P.E.
Project Manager

cc: Mark Land, P.E., Snyder & Associates, Inc.
Sarah Ritchie, E.I., Snyder & Associates, Inc.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:

Consider motion to approve Payment #7 in the amount of \$167,132.87 to Granite Excavating for construction services on the S. Ankeny Blvd Transmission Blvd project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #7

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: S. Ankeny Blvd Transmission Main
Contractor: Granite Excavating
Address: PO Box 230, 111 S Second St, Polk City, IA 50226
Finance Budget Code: 633.3633.4450 **Finance Project #** 633.4450
Vendor Project or Invoice #: ANKMU 165980 **PO #**
Original Contract Date: February 6, 2023 **Vendor #** 011835

Date of Council Meeting: December 18, 2023 **PAYMENT REQUEST #** 7
PAYMENT PERIOD: From: October 28, 2023 Through: November 27, 2023

Contract Summary

Original Contract Amount:	\$	2,649,525.00	
Net change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	2,649,525.00	
Total completed and stored to date:	\$	2,553,974.74	
Retainage: 5 % of Completed Work:	\$	127,698.74	
Total Earned less Retainage:	\$	2,426,276.00	
Less previous applications for payment:	\$	2,259,143.13	
SUBTOTAL	\$		167,132.87
OTHER CHARGES (Attach an itemized list)	\$		-
CURRENT PAYMENT DUE	\$		167,132.87
Balance to finish, including retainage:	\$	223,249.00	

Contract Time Remaining (If applicable) 15 Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Granite Excavating

Signature: [Signature] Firm Name: Granite Excavating Date: 11/29/2023

Engineer / Consultant Approval: Short Elliott Hendrickson Inc.

Signature: [Signature] Firm Name: Short Elliott Hendrickson Inc. Date: November 29, 2023

City of Ankeny Staff Approval:

Signature: [Signature] Date: 11/29/23

Submit to: Donald Clark, P.E. - Director of Municipal Utilities
E-mail: dclark@Ankenylowa.gov Phone: (515) 963-3529 Fax: (515) 963-3535

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	June 19, 2023	\$ 521,305.50
2	July 3, 2023	\$ 939,424.71
3	August 21, 2023	\$ 65,722.14
4	September 18, 2023	\$ 255,304.85
5	October 16, 2023	\$ 146,493.61
6	November 20, 2023	\$ 330,892.32
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Previous Applications for Payment

No.	Date	Amount
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TOTAL \$ 2,259,143.13

Record of Change Orders

No.	Date	Amount
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TOTAL \$ -

Contract Time Remaining

	Working Days
Contract Period:	February 6, 2023
Original Contract Date:	164
Original Contract Time:	-
Added by Change Order:	164
Contract Time to Date:	149
Time Used to Date:	15
Contract Time Remaining:	

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

CONTRACT PRICE DETAIL

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	QUANTITY COMPLETE	VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
1	Removal of Known Pipe Culvert, CMP, 18"	LF	30		30.00	\$ 32.00	\$ 960.00	30.00	\$ 960.00	-	100.00%
2	Removal and Reinstall of Culvert, RCP, 24"	LF	10		10.00	\$ 78.00	\$ 780.00	-	\$ -	10.00	0.00%
3	Removal and Reinstall of Culvert, RCP, 42"	LF	20		20.00	\$ 80.00	\$ 1,600.00	24.00	\$ 1,920.00	(4.00)	120.00%
4	Trench Foundation	TON	900		900.00	\$ 43.00	\$ 38,700.00	9.68	\$ 416.24	890.32	1.08%
5	Water Main, Trenched, PVC, 12"	LF	30		30.00	\$ 122.00	\$ 3,660.00	30.00	\$ 3,660.00	-	100.00%
6	Water Main, Trenched, PVC, 24"	LF	4,475		4,475.00	\$ 348.00	\$ 1,557,300.00	4,415.00	\$ 1,536,420.00	60.00	98.66%
7	Water Main, Trenched, DI, 24"	LF	70		70.00	\$ 322.00	\$ 22,540.00	70.00	\$ 22,540.00	-	100.00%
8	Water Main, Trenchless, PVC, 24"	LF	522		522.00	\$ 609.00	\$ 317,898.00	582.00	\$ 354,438.00	(60.00)	111.49%
9	Water Main with Existing Casing Pipe, Trenchless, PVC, 24"	LF	273		273.00	\$ 587.00	\$ 160,251.00	273.00	\$ 160,251.00	-	100.00%
10	Water Main with Casing Pipe, Trenchless, PVC, 24"	LF	80		80.00	\$ 1,445.00	\$ 115,600.00	80.00	\$ 115,600.00	-	100.00%
11	Valve, Gate, 24"	EA	1		1.00	\$ 39,850.00	\$ 39,850.00	1.00	\$ 39,850.00	-	100.00%
12	Tapping Valve Assembly, 24" x 24"	EA	1		1.00	\$ 63,890.00	\$ 63,890.00	1.00	\$ 63,890.00	-	100.00%
13	Tapping Valve Assembly, 12" x 12"	EA	1		1.00	\$ 10,260.00	\$ 10,260.00	1.00	\$ 10,260.00	-	100.00%
14	Fire Hydrant Assembly	EA	6		6.00	\$ 11,500.00	\$ 69,000.00	6.00	\$ 69,000.00	-	100.00%
15	Fire Hydrant Assembly at STA. 304+78.00	EA	1		1.00	\$ 10,980.00	\$ 10,980.00	1.00	\$ 10,980.00	-	100.00%
16	Removal of Recreational Trail	SY	1,380		1,380.00	\$ 20.00	\$ 27,600.00	1,333.40	\$ 26,668.00	46.60	98.62%
17	Recreational Trail, PCC	SY	1,350		1,350.00	\$ 65.00	\$ 87,750.00	1,333.40	\$ 86,671.00	16.60	98.77%
18	Recreational Trail, HMA	SY	30		30.00	\$ 65.00	\$ 1,950.00	-	\$ -	30.00	0.00%
19	Granular Surfacing, Class A Roadstone	TON	325		325.00	\$ 35.00	\$ 11,375.00	-	\$ -	325.00	0.00%
20	Temporary Traffic Control	LS	1		1.00	\$ 20,370.00	\$ 20,370.00	1.00	\$ 20,370.00	-	100.00%
21	Conventional Seeding and Fertilizing, Type 6	AC	5.3		5.30	\$ 2,885.00	\$ 15,290.50	-	\$ -	5.30	0.00%
22	Conventional Seeding, Type 4	AC	5.3		5.30	\$ 1,575.00	\$ 8,347.50	-	\$ -	5.30	0.00%
23	Wattle, 9"	LF	1,000		1,000.00	\$ 2.00	\$ 2,000.00	750.00	\$ 1,500.00	250.00	75.00%
24	Wattle, Removal	LF	1,000		1,000.00	\$ 0.30	\$ 300.00	-	\$ -	1,000.00	0.00%
25	Site Fence	LF	2,600		2,600.00	\$ 2.00	\$ 5,200.00	1,790.00	\$ 3,580.00	810.00	68.85%
26	Site Fence, Removal	LF	2,600		2,600.00	\$ 0.30	\$ 780.00	-	\$ -	2,600.00	0.00%
27	Erosion Control Mulching, Hydromulching	AC	10.5		10.50	\$ 2,885.00	\$ 30,292.50	-	\$ -	10.50	0.00%
28	Mobilization	LS	1.0		1.00	\$ 25,000.50	\$ 25,000.50	1.00	\$ 25,000.50	-	100.00%
29					-	\$ -	\$ -	-	\$ -	-	0.00%
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72					-	\$ -	\$ -	-	\$ -	-	0.00%
73					-	\$ -	\$ -	-	\$ -	-	0.00%
74					-	\$ -	\$ -	-	\$ -	-	0.00%
75					-	\$ -	\$ -	-	\$ -	-	0.00%

TOTAL CONTRACT AND VALUE OF WORK COMPLETED TO DATE

\$ 2,649,525.00

\$ 2,553,974.74

96.39%

MATERIAL STORED ONSITE PRICE DETAIL

ITEM NO.	DESCRIPTION	UNITS	QUANTITY ONSITE	UNIT PRICE	EXTENDED PRICE
1	Water Main, PVC, 24", Stab Joint	LF	0	\$ 167.00	\$ -
2	Water Main, PVC, 24", Restrained Joint	LF	0	\$ 271.00	\$ -
3					\$ -
4					\$ -
5					\$ -
6					\$ -
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45					\$ -
46					\$ -
47					\$ -

MATERIAL STORED ONSITE TO DATE

\$ -



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Enhance Quality of Life

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #9 in the amount of \$459.75 to HR Green, Inc., for engineering services on the NW Irvinedale Drive & NW 18th Street Intersection Improvements project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #9

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NW Irvinedale Drive & NW 18th Street Intersection Improvements
Contractor: HR Green, Inc.
Address: 5525 Merle Hay Road, Suite,200, Johnston, IA 50131
Finance Budget Code: 922.3922.4210 Finance Project #: 922.4210
Vendor Project #: 220196 Purchase Order #: NA
Original Contract Date: March 20, 2023 Vendor Account #: 5531

Date of Council Meeting: December 18, 2023 Payment Application #: 9

Payment Period: From: October 28, 2023 Through: November 24, 2023

Contract Summary:

Original Contract Amount: \$ 107,920.00
Net Change by Change Orders: \$ -
Contract Amount to Date: (line 1 ± 2) \$ 107,920.00

Total Completed and Stored to Date: \$ 68,734.25
Retainage: 0 % of Completed Work: \$ -
Total Earned Less Retainage: \$ 68,734.25
Less Previous Applications for Payment: \$ 68,274.50
SUBTOTAL: \$ 459.75

OTHER CHARGES: \$ -

CURRENT PAYMENT DUE: \$ 459.75

Balance to Finish, Including Retainage: \$ 39,185.75

Contract Time Remaining: - Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: NA
Firm Name

Signature _____ Date _____

Engineer / Consultant Approval: HR Green, Inc.
Firm Name

B. J. Wicks
Signature _____ Date December 1, 2023

City of Ankeny Staff Approval: Matt Grgurich
Signature _____ Date 12/1/2023

Submit to: Matt Grgurich, Civil Engineer II
E-mail: mgrgurich@ankenyiowa.gov Phone Number: 515-963-3549

Date Printed: 12/1/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	May 1, 2023	\$ 1,812.00
2	June 5, 2023	\$ 4,784.50
3	July 17, 2023	\$ 18,645.50
4	August 7, 2023	\$ 15,007.00
5	September 18, 2023	\$ 14,444.50
6	October 2, 2023	\$ 4,511.00
7	November 6, 2023	\$ 7,029.50
8	November 20, 2023	\$ 2,040.50
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 68,274.50

Record of Change Orders:

No.	Date	Amount
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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period: Working Days
Construction Start Date:

Substantial Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0

Full Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0



▷ 5525 Merle Hay Road | Suite 200 | Johnston, IA 50131
Main 515.278.2913 • Fax 515.278.1846

▷ HRGREEN.COM

December 1, 2023

Matt Grgurich
City of Ankeny
1210 NW Prairie Ridge Drive
Ankeny, IA 50023

Progress Report & Attached Invoice
Ankeny, IA - NW Irvinedale Drive and NW 18th Street Intersection
HRG Project No. 220196
Contract date: March 20, 2023

Dear Matt:

Please find the attached invoice for our services on the above referenced project. A brief summary of the invoice and how it relates to project progress is provided below.

Attached Invoice #	169567
Period covered by invoice	10/28/23 – 11/24/23
Amount this invoice	\$459.75
Total billings to date, including this invoice	\$68,734.25
Contract maximum fee	\$107,920.00
% of Contract billed to date	63.69%

Summary of services during this billing period:

- Project Management & Admin
- Concept & Roundabout alternative coordination

Comments:

Feel free to contact me if you have any questions about the attached invoice, or about the progress of the project.

Best regards,

HR GREEN, INC.

Brian Willham, P.E.



Please Remit To:
 HR Green, Inc.
 PO Box 8213
 Des Moines, IA 50301-8213
 1-800-728-7805

City of Ankeny, IA
 1210 NW Prairie Ridge Drive
 Ankeny, IA 50023

November 24, 2023
 Project No: 220196
 Invoice No: 169567
 Invoice Total: \$459.75

Project 220196 Ankeny, IA - NW Irvinedale Drive and NW 18th Street Intersection
 NW Irvinedale Drive and NW 18th Street
 Intersection Improvements

Professional Services Through November 24, 2023

Phase	1.0	Project Management and Administration		
Professional Personnel				
		Hours	Amount	
Senior Professional		1.50	352.50	
Admin Coordinator		.50	63.50	
Totals		2.00	416.00	
Total Labor				416.00
Total this Phase				\$416.00

Phase	3.0	Concept Design		
Professional Personnel				
		Hours	Amount	
Professional		.25	43.75	
	Totals	.25	43.75	
	Total Labor			43.75
Total this Phase				\$43.75

Billing Limits	Current	Prior	To-Date	
Total Billings	459.75	68,274.50	68,734.25	
Limit			107,920.00	
Remaining			39,185.75	
Total this Invoice				\$459.75



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #13 in the amount of \$27,985.75 to HR Green, Inc., for construction engineering services on the Oralabor Gateway Trail-SW State Street Underpass and SW Oralabor Road and SW State Street Safety Improvements project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #13

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Oralabor Gateway Trail - SW State Street Underpass and SW Oralabor Road and SW State Street Intersection Improvements

Contractor: HR Green, Inc.

Address: 5525 Merle Hay Road, Suite 200 Johnston, IA 50131

Finance Budget Code: 998.3998.4210 **Finance Project #:** 998.4210

Vendor Project #: N/A **Purchase Order #:** N/A

Original Contract Date: February 7, 2022 **Vendor Account #:** 5513

Date of Council Meeting: December 18, 2023 **Payment Application #:** 13

Payment Period: From: October 28, 2023 Through: November 24, 2023

Contract Summary:

Original Contract Amount:	\$	355,700.00	
Net Change by Change Orders:	\$	473,813.00	
Contract Amount to Date: (line 1 ± 2)	\$	829,513.00	
Total Completed and Stored to Date:	\$	569,298.18	
Retainage: 0 % of Completed Work:	\$	-	
Total Earned Less Retainage:	\$	569,298.18	
Less Previous Applications for Payment:	\$	541,312.43	
SUBTOTAL:	\$	27,985.75	
OTHER CHARGES:	\$	-	
CURRENT PAYMENT DUE:	\$	27,985.75	
Balance to Finish, Including Retainage:	\$	260,214.82	

Contract Time Remaining: - Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: HR Green, Inc.

Firm Name

Signature

Date

Engineer / Consultant Approval: HR Green, Inc.

Firm Name

Signature

Date

December 1, 2023

City of Ankeny Staff Approval:

Signature

Date

12/18/2023

Submit to: Jim Haberichter

E-mail: jhaberichter@Ankenylowa.gov

Phone Number: 515-963-3536

Date Printed: 12/1/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	4/18/22	\$ 45,993.75
2	June 6, 2022	\$ 69,475.00
3	August 15, 2022	\$ 59,151.51
4	October 3, 2022	\$ 36,117.50
5	October 17, 2022	\$ 65,290.75
6	November 7, 2022	\$ 66,482.50
7	January 3, 2023	\$ 29,525.63
8	August 7, 2023	\$ 2,217.00
9	September 18, 2023	\$ 40,890.60
10	October 2, 2023	\$ 26,102.28
11	November 6, 2023	\$ 74,065.26
12	December 4, 2023	\$ 26,000.65
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 541,312.43

Record of Change Orders:

No.	Date	Amount
1	July 5, 2022	\$ 16,500.00
2	May 15, 2023	\$ 457,313.00
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CHANGE ORDER TOTAL = \$ 473,813.00

Contract Time Remaining:

Contract Period: Working Days
Construction Start Date:

Substantial Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0

Full Completion:

Contract Working Days:
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0



Please Remit To:
 HR Green, Inc.
 PO Box 8213
 Des Moines, IA 50301-8213
 1-800-728-7805

City of Ankeny, IA
 220 West 1st Street
 Ankeny, IA 50023

November 30, 2023
 Project No: 210345.02
 Invoice No: 169571
Invoice Total: \$27,985.75

Project 210345.02 Ankeny, IA - Oralabor Gateway Trail and SW State Street

Professional Services Through November 24, 2023

Phase 11.0 Construction Phase Services

Professional Personnel

	Hours	Amount	
Senior Professional	23.00	5,060.00	
Professional	2.75	560.00	
Field Personnel	152.00	17,480.00	
Admin Coordinator	1.00	127.00	
Totals	178.75	23,227.00	
Total Labor			23,227.00

Consultants

Terracon Consultants, Inc.			
11/6/2023	Terracon Consultants, Inc.	Materials Testing	3,018.75
	Total Consultants		3,018.75
			3,018.75

Unit Charges

Mileage 0.625		585.00	
Total Unit Charges		585.00	585.00

Total this Phase \$26,830.75

Phase 12.0 Construction Phase Services - Fiber Optic

Professional Personnel

	Hours	Amount	
Professional	5.25	1,155.00	
Totals	5.25	1,155.00	
Total Labor			1,155.00

Total this Phase \$1,155.00

Billing Limits

	Current	Prior	To-Date
Total Billings	27,985.75	155,092.54	183,078.29
Limit			443,313.00
Remaining			260,234.71

Total this Invoice \$27,985.75



▷ 5525 Merle Hay Road | Suite 200 | Johnston, IA 50131
Main 515.278.2913 + Fax 515.278.1846

▷ HRGREEN.COM

December 7, 2023

Jim Haberichter, PE
Civil Engineer II
City of Ankeny
Public Works Department
1210 NW Prairie Ridge Drive
Ankeny, IA 50023

Progress Report & Attached Invoice
Ankeny, IA - Oralabor Gateway Trail - SW State Street Underpass and
SW Oralabor Road and SW State Street Intersection Improvements
HRG Project No. 210345.02
Contract date: March 6, 2023

Dear Jim:

Please find the attached invoice for our services on the above referenced project. A brief summary of the invoice and how it relates to project progress is provided below.

Attached Invoice #	169571
Period covered by invoice	10/28/23 – 11/24/23
Amount this invoice	\$27,985.75
Total billings to date, including this invoice	\$555,114.93
Contract maximum fee	\$829,513.00
% of Contract billed to date	66.92%

Summary of services during this billing period:

- On-Site Representative
- Reviewed and approved submittals
- Provided coordination and design support for inquiries and modifications
- Project visits and reviews by Engineer
- Project management

Comments:

- None at this time

Feel free to contact me if you have any questions about the attached invoice, or about the progress of the project.

Best regards,

HR GREEN, INC.

Tony Babcock, P.E.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:

Consider motion to approve Payment #5 in the amount of \$45,885.00 to J&K Contracting, for construction services on the North Four Mile Creek Trunk Sewer project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #5

city of
Ankeny
bringing it all together

Project Title:	North Four Mile Creek Trunk Sewer		
Contractor:	J&K Contracting		
Address:	10703 Justin Drive, Urbandale, Iowa 50322		
Fin ##	660.3660.4452	Finance Project #:	660.4452
Vendor Project #:		Purchase Order #:	
Original Contract Date:	April 3, 2023	Vendor Account #:	8611

Date of Council Meeting: December 18, 2023 Payment Application #: 5

Payment Period: From: October 31, 2023 Through: November 30, 2023

Contract Summary:

Original Contract Amount:	\$	2,000,000.00	
Net Change by Change Orders:	\$	11,000.00	
Contract Amount to Date: (line 1 ± 2)			\$ 2,011,000.00
 Total Completed to Date:	 \$	 1,242,072.00	
Retainage: 5 % of Completed Work:	\$	62,103.60	
Total Earned Less Retainage:			\$ 1,179,968.40
Less Previous Applications for Payment:			\$ 1,400,474.46
SUBTOTAL:			(220,506.06)

OTHER CHARGES: STORED MATERIALS	266,391.06
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CURRENT PAYMENT DUE:	\$	45,885.00
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Balance to Finish, Including Retainage:	\$	564,640.54
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Contract Time Remaining: 36.00 Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: J&K Contracting

Firm Name _____

Signature _____ Date 12/13/23

Engineer / Consultant Approval: Foth Infrastructure and Environment, LLC

Signature Blair A. Spotts Firm Name Blair Spotts & Son, Inc. Date 12-7-2023

City of Ankeny Staff Approval:

Signature Donald Clarke Date 12/8/23

Submit to: Don Clark, Director of Municipal Utilities
E-mail: dclark@anktnyiowa.gov Phone Number: 515-963-3529

Date Printed: 12/4/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	August 11, 2023	\$ 635,203.02
2	August 31, 2023	\$ 148,592.38
3	September 30, 2023	\$ 359,094.57
4	October 31st, 2023	\$ 257,584.49
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 1,400,474.46

Record of Change Orders:

No.	Date	Amount
1	August 31, 2023	\$ 7,500.00
2	November 8, 2023	\$ 3,500.00
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CHANGE ORDER TOTAL = \$ 11,000.00

Contract Time Remaining:

Contract Period: Working Days
Construction Start Date:

Substantial Completion:

Contract Working Days: 110.0
Added by Change Order:
Total Working Days: 110.0
Working Days Used to Date: 74.0
Working Days Remaining: 36.0

Full Completion:

Contract Working Days: 0.0
Added by Change Order:
Total Working Days: 0.0
Working Days Used to Date:
Working Days Remaining: 0.0

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL QUANTITY	QUANTITY CHANGE BY CHANGE ORDER	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
EARTHWORK														
2.1	EXCAVATE AND GRADENING	ACR	3.75	0.00	3.75	\$ 9,000.00	\$ 33,375.00		\$ -		3.75	\$ 33,375.00	0.00	100.00%
4.1	SANITARY SEWER GRAVITY MAIN TRENCHES P.C. 36 IN.	LF	1,200.00	0.00	1,200.00	\$ 250.00	\$ 300,000.00		\$ -		1,200.00	\$ 300,000.00	0.00	100.00%
4.2	SANITARY SEWER GRAVITY MAIN TRENCHES P.C. 36 IN.	LF	1,170.00	0.00	1,170.00	\$ 250.00	\$ 292,500.00		\$ -		1,170.00	\$ 292,500.00	0.00	100.00%
4.3	SANITARY SEWER GRAVITY MAIN WITH CATCH BASIN TRENCHES P.C. 36 IN.	LF	110.00	0.00	110.00	\$ 8,000.00	\$ 880,000.00		\$ -		110.00	\$ 880,000.00	0.00	100.00%
4.4	STRUCTURES FOR SANITARY AND STORM SEWERS	EA	0.00	0.00	0.00	\$ 14,500.00	\$ 0.00		\$ -		0.00	\$ 0.00	0.00	0.00%
4.5	MANHOLE SANITARY SEWER DIA 36 IN.	EA	0.00	0.00	0.00	\$ 8,000.00	\$ 0.00		\$ -		0.00	\$ 0.00	0.00	0.00%
4.6	CONNECTION TO EXISTING SANITARY MANHOLE	EA	1.00	0.00	1.00	\$ 8,000.00	\$ 8,000.00		\$ -		1.00	\$ 8,000.00	0.00	100.00%
4.7	TRAFFIC CONTROL	LS	1.00	0.00	1.00	\$ 5,000.00	\$ 5,000.00		\$ -		1.00	\$ 5,000.00	0.00	100.00%
4.8	SITE WORK AND LANDSCAPING	LS	1.00	0.00	1.00	\$ 5,000.00	\$ 5,000.00		\$ -		1.00	\$ 5,000.00	0.00	100.00%
8.1	CONVENTIONAL SEEDING & FERTILIZING TYPE 2 PERMANENT COVER (SEASON MAINTENANCE)	ACRE	2.90	0.00	2.90	\$ 1,500.00	\$ 4,350.00		\$ -		2.90	\$ 4,350.00	0.00	100.00%
8.2	HYDRANT SEEDING	ACRE	0.80	0.00	0.80	\$ 4,500.00	\$ 3,600.00		\$ -		0.80	\$ 3,600.00	0.00	100.00%
8.3	CONVENTIONAL SEEDING & FERTILIZING TYPE 4 (URBAN TEMPORARILY MAINTENANCE)	ACRE	3.75	0.00	3.75	\$ 700.00	\$ 2,625.00		\$ -		3.75	\$ 2,625.00	0.00	100.00%
8.4	MACHING BONDED FIBER MATRIX	ACRE	7.42	0.00	7.42	\$ 5,000.00	\$ 37,100.00		\$ -		7.42	\$ 37,100.00	0.00	100.00%
8.5	FILTER ROCK INSTALLATION	LF	2,000.00	0.00	2,000.00	\$ 2.00	\$ 4,000.00		\$ -		2,000.00	\$ 4,000.00	0.00	100.00%
8.6	FILTER ROCK REMOVAL OF DEVICE	LF	2,000.00	0.00	2,000.00	\$ 2.00	\$ 4,000.00		\$ -		2,000.00	\$ 4,000.00	0.00	100.00%
8.7	RAIL FENCE INSTALLATION	LF	2,000.00	0.00	2,000.00	\$ 2.00	\$ 4,000.00		\$ -		2,000.00	\$ 4,000.00	0.00	100.00%
8.8	RAIL FENCE REMOVAL OF DEVICE	LF	2,000.00	0.00	2,000.00	\$ 2.00	\$ 4,000.00		\$ -		2,000.00	\$ 4,000.00	0.00	100.00%
8.9	SURFACE RESTORATION/PAVEMENT ROUTES	LS	1.00	0.00	1.00	\$ 100.00	\$ 100.00		\$ -		1.00	\$ 100.00	0.00	100.00%
11.1	MOBILIZATION	LS	1.00	0.00	1.00	\$ 107,410.00	\$ 107,410.00		\$ -		1.00	\$ 107,410.00	0.00	100.00%
CHANGE ORDER ITEMS														
12.1	CLEANING AND GRUBBING FOR BORE PIT	LS	0.00	1.00	1.00	\$ 7,500.00	\$ 7,500.00	1.00	\$ 7,500.00		1.00	\$ 7,500.00	0.00	100.00%
12.2	CLEANING AND GRUBBING FOR MANHOLE 1 BORE PIT	LS	0.00	1.00	1.00	\$ 3,500.00	\$ 3,500.00	1.00	\$ 3,500.00		1.00	\$ 3,500.00	0.00	100.00%
					0.00	\$ -	\$ -		\$ -		0.00	\$ -	0.00	0.00%
					0.00	\$ -	\$ -		\$ -		0.00	\$ -	0.00	0.00%
TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK														
							CONTRACT = \$1,611,000.00	PAY PERIOD = \$ 11,250.00			COMPLETED = \$1,242,875.00	61.78%		

MATERIALS STORED SUMMARY

Description	Unit	Total Units	Unit Price	Ext. Cost
MANHOLE, SANITARY SEWER, SW-301, 60 IN.	LS	0.511	\$ 35,744.00	\$ 18,265.18
SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 30 IN.	LF	0	\$ 129.25	\$ -
SANITARY SEWER GRAVITY MAIN, TRENCHLESS, PVC, 30 IN.	LF	660	\$ 375.95	\$ 248,125.87
SUBTOTAL				266,391.06



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #8 in the amount of \$10,635.50 to JEO Consulting Group, Inc., for engineering services on the Transportation Master Plan.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #8

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Transportation Master Plan
Contractor: JEO Consulting Group, Inc.
Address: 1937 N. Chestnut Street, Wahoo, NE 68066
Finance Budget Code: 260.3265.4210 Finance Project #: NA
Vendor Project #: 222064 Purchase Order #: NA
Original Contract Date: February 20, 2023 Vendor Account #: 7827

Date of Council Meeting:

December 18, 2023

Payment Application #:

78

Payment Period:

From: October 14, 2023

Through:

November 17, 2023

Contract Summary:

Original Contract Amount:	\$	269,400.00	
Net Change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	269,400.00	
Total Completed and Stored to Date:	\$	154,880.79	
Retainage: <u>0</u> % of Completed Work:	\$	-	
Total Earned Less Retainage:	\$	154,880.79	
Less Previous Applications for Payment:	\$	144,245.29	
SUBTOTAL:	\$		10,635.50

OTHER CHARGES:

\$ -

CURRENT PAYMENT DUE:

\$ 10,635.50

Balance to Finish, Including Retainage:

\$ 114,519.21

Contract Time Remaining:

NA ----

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer / Consultant Approval:

JEO Consulting Group, Inc.

Firm Name

Signature

November 22, 2023

Date

City of Ankeny Staff Approval:

Signature

Date

Submit to:

Leslie Hart, Traffic Engineering Manager

E-mail:

lhart@ankenyiowa.gov

Phone Number:

515-963-3548

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	May 1, 2023	\$ 6,332.50
2	June 5, 2023	\$ 30,194.39
3	July 3, 2023	\$ 38,156.25
4	August 7, 2023	\$ 14,535.90
5	September 5, 2023	\$ 20,996.25
6	October 16, 2023	\$ 29,206.25
7	November 20, 2023	\$ 4,823.75
8	Dec 4, 2023-24	
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Previous Applications for Payment:

No.	Date	Amount
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Record of Change Orders:

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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period:	---
Construction Start Date:	---

Substantial Completion:

Contract Working Days:	
Added by Change Order:	
Total Working Days:	0.0
Working Days Used to Date:	
Working Days Remaining:	0.0

Full Completion:

Contract Working Days:	
Added by Change Order:	
Total Working Days:	0.0
Working Days Used to Date:	
Working Days Remaining:	0.0

PREVIOUS PAY APPS TOTAL = \$ 144,245.29



Engineering | Architecture | Surveying | Planning

Invoice

November 22, 2023

Project No: R222064.00

Invoice No: 146111

Invoice Amount: 10,635.50

Leslie Hart
City of Ankeny
220 W 1st Street
Ankeny, IA 50023

Project Manager Lonnie Burklund

Project R222064.00 Ankeny Transportation Master Plan

Professional Services through November 17, 2023

- Include Pay Application sheet with invoice

	Contract Amount	Percent Complete	Billed-to-Date	Previous Billing	Current Billing
Lump Sum Phase(s)					
Project Management	\$34,530.00	56%	\$19,476.25	\$19,281.25	\$195.00
Current and Future Transportation Conditions	\$54,150.00	100%	\$54,150.00	\$46,289.50	\$7,860.50
Public Engagement and Stakeholder Input	\$56,200.00	69%	\$38,817.50	\$38,726.25	\$91.25
Goals, Objectives, and Action Steps	\$29,750.00	88%	\$26,257.75	\$24,544.00	\$1,713.75
Alternatives Analysis & Prioritization	\$49,620.00	2%	\$775.00	0.00	\$775.00
Transportation Master Plan	\$40,100.00	36%	\$14,306.50	\$14,306.50	0.00
Direct Costs	\$5,050.00	22%	\$1,097.79	\$1,097.79	0.00
Total	\$269,400.00		\$154,880.79	\$144,245.29	\$10,635.50

Total Amount Due Upon Receipt : \$10,635.50 ✓

Outstanding Invoices

Number	Date	Balance
145603	10/30/2023	4,823.75
Total		4,823.75

Email invoice to: lhart@ankenyiowa.gov



Monthly Progress Report

DATE PREPARED | 11/22/23
PROJECT NAME | Ankeny Transportation Master Plan
JEO PROJECT NO. | R222064
CITY PROJECT MANAGER | Leslie Hart
CITY ADDRESS | 1210 NW Prairie Ridge Dr, Ankeny, IA 50023
PROFESSIONAL SERVICES DATE | 2/20/22
AGREEMENT NTP | 2/20/22
AGREEMENT END DATE | 5/31/24

Dear Leslie Hart,

Below is a progress report for the above referenced project during the dates as noted on the invoice.

1. SUMMARY OF WORK PERFORMED THIS PERIOD

- Project Management activities to coordinate progress
- Development of public engagement phase 2 information and website updates
- Project progress meetings
- Conduct city council / officials one-on-one meetings and summary information
- Conduct phase 2 Focus Group discussions
- Finalization of existing and future conditions analysis and reporting.
- Finalization of draft action plan statements for plan objectives
- Finance Department meeting and coordination of CIP revenue information.

2. SUMMARY OF WORK ANTICIPATED NEXT PERIOD

- Continued project management activities
- Progress meetings
- Public Engagement – Phase 2 summary information and survey data updates
- Review of financial budgets and analysis for transportation programs
- Revenue and expenditure information summary coordination with Finance Dept.
- Long range plan budget forecasting and CIP recommended modifications

3. INFORMATION/DECISIONS NEEDED FROM THE CITY

- Continued data sharing of any new project or program updates, review of materials submitted, and other relevant files as updated in meeting minutes
- Internal coordination with finance office / budget information to discuss revenues and funding looking forward

4. SUMMARY OF POTENTIAL OUT OF SCOPE WORK/CURRENT PROJECT ISSUES

- None to date.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #13 in the amount of \$9,627.34 to Kirkham Michael and Associates, for engineering services on the Westwinds Storm Sewer Extension Project - SW Westwinds Drive.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #13

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Westwinds Storm Sewer Extension Project - SW Westwinds Drive
Contractor: Kirkham Michael and Associates
Address: 4390 114th Street, Urbandale, IA 50322
Finance Budget Code: 685.3685.4210 **Finance Project #** 685.4210
Vendor Project or Invoice #: 92796 **PO #**
Original Contract Date: April 19, 2021 **Vendor #** 908

Date of Council Meeting: December 18, 2023 **PAYMENT REQUEST #** 13
PAYMENT PERIOD: From: October 14, 2023 Through: November 10, 2023

Contract Summary

Original Contract Amount:	\$	44,080.00	
Net change by Change Orders:	\$	61,334.52	
Contract Amount to Date: (line 1 ± 2)	\$	105,414.52	
Total completed and stored to date:	\$	81,471.30	
Retainage: 0 % of Completed Work:	\$	-	
Total Earned less Retainage:	\$	-	
Less previous applications for payment:	\$	71,843.96	
SUBTOTAL	\$		9,627.34

OTHER CHARGES (Attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 9,627.34

Balance to finish, including retainage: \$ 23,943.22

Contract Time Remaining (If applicable) - #

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer / Consultant Approval:

Kirkham Michael & Associates

Firm Name

Signature

Date

November 22, 2023

City of Ankeny Staff Approval:

Signature

Date

Submit to:

Becky Ford, P.E.

E-mail:

bford@Ankenylowa.gov

Phone:

(515) 963-3526

Fax:

(515) 963-3526

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment

No.	Date	Amount
1	August 2, 2021	\$ 4,768.86
2	September 20, 2021	\$ 3,132.50
3	October 18, 2021	\$ 2,302.36
4	December 6, 2021	\$ 1,220.00
5	December 20, 2021	\$ 5,312.62
6	June 6, 2022	\$ 18,496.57
7	September 6, 2022	\$ 1,934.52
8	April 17, 2023	\$ 2,240.40
9	June 5, 2023	\$ 1,207.50
10	July 17, 2023	\$ 4,207.50
11	October 16, 2023	\$ 18,082.64
12	November 20, 2023	\$ 8,938.49
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Previous Applications for Payment

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PREVIOUS PAY APP TOTAL = \$ 71,843.96

Record of Change Orders

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CHANGE ORDER TOTAL = \$ -
#REF!

Contract Time Remaining

Contract Period:	
Original Contract Date:	<u>April 19, 2021</u>
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	<u>0.0</u>
Time Used to Date:	
Contract Time Remaining:	<u>0.0</u>

November 22, 2023

Becky Ford, P.E.
City of Ankeny
410 West 1st Street
Ankeny, Iowa 50023-1557

Subject: Westwinds Storm Sewer Extension Project – SW Westwinds Drive
KM Project: 2105620

Dear Ms. Ford,

Submitted herewith is invoice 94758, for work conducted on this project from October 14, 2023 to November 10, 2023.

During this period we have completed the following work:

- Construction Observation Services
- Resident Engineering Services

Anticipated work to be completed during the next period:

- Construction Observation Services
- Resident Engineering Services

Please contact me if you have questions regarding this submittal or need further information.

Sincerely yours,
KIRKHAM MICHAEL



Greg Cabalka, P.E.
GDC/gdc
encl. Invoice



4390 114th Street
Urbandale, IA 50322
Billing Questions: 402-255-3833

INVOICE

Invoice Number: 94758
Date: November 17, 2023
Project Number: 2105620

City of Ankeny
Attn: Becky Ford
220 W First Street
Ankeny, IA 50023-1557

Ankeny Westwinds Storm Sewer Ext SW West

For Professional Services Rendered Through: November 10, 2023

Maximum Allowable	\$105,414.52
Previously Billed	\$71,843.96
Current Invoice Amount	\$9,627.34
Remaining Contract	\$23,943.23

Professional Services

	Hours	Rate	Amount
Greenway, Chad A - Project Surveyor	2.00	130.00	\$260.00
Hanselman, Dale R - Senior Construction Observer	6.00	30.50	\$183.00
Smith, Benjamin S - Senior Engineer	22.00	170.00	\$3,740.00
Spengler, Clif - Senior Construction Observer	49.00	105.00	\$5,145.00
	79.00		\$9,328.00

Reimbursable Expenses

	Qty	Unit Rate	Amount
Company Truck (mileage)	28.00	.6550	\$18.34
Company Truck (mileage)	429.00	.6550	\$281.00
Totals			\$299.34
			\$299.34

Invoice Total **\$9,627.34**



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #7 in the amount of \$13,585.00 to On Track Construction, LLC for construction services on the NW Northlawn Area Utility Improvements - Phase 2.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #7

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: NW Northlawn Area Utility Improvements - Phase 2
Contractor: On Track Construction, LLC
Address: 1435 W F Ave, Nevada, IA 50201
Finance Budget Code: 610.3610.4450 Finance Project #: 610.445
650.3650.4452 963.3963.4451 650.4452 963.4451
Vendor Project #: N/A Purchase Order #: N/A
Original Contract Date: December 5, 2022 Vendor Account #: 9363

Date of Council Meeting: December 18, 2023

Payment Application #: 7

Payment Period: From: October 1, 2023 Through: November 18, 2023

Contract Summary:

Original Contract Amount:	\$	2,027,500.00	
Net Change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	2,027,500.00	
Total Completed and Stored to Date:	\$	1,027,225.50	
Retainage: <u>5</u> % of Completed Work:	\$	51,361.28	
Total Earned Less Retainage:	\$	975,864.22	
Less Previous Applications for Payment:	\$	962,279.22	
SUBTOTAL:	\$		13,585.00

OTHER CHARGES:

CURRENT PAYMENT DUE: \$ 13,585.00

Balance to Finish, Including Retainage: \$ 1,051,635.78

Contract Time Remaining (Substantial): 30.5 Working Days

Contract Time Remaining (Full): (2.0) Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: On Track Construction, LLC

Firm Name

Signature

12-7-23

Date

Engineer / Consultant Approval:

Firm Name

Signature

Date

City of Ankeny Staff Approval:

Signature

Date

Submit to: Matthew Grgurich - Civil Engineer II

E-mail: MGrurich@Ankenylowa.gov

Phone Number: (515) 963-3549

Date Printed: 12/7/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
EARTHWORK														
2.01	Clearing and Grubbing	LS	1.00		1.00	\$ 15,000.00	\$ 15,000.00		\$ -	0.50	0.50	\$ 7,500.00	0.50	50.00%
2.02	Topsoil, Off-site	CY	290.00		290.00	\$ 30.00	\$ 8,700.00		\$ -		0.00	\$ -	290.00	0.00%
2.03	Excavation, Class 10	CY	1,045.00		1,045.00	\$ 25.00	\$ 26,125.00		\$ -	469.00	469.00	\$ 11,725.00	576.00	44.88%
2.04	Subgrade Preparation, 6" Depth	SY	4,620.00		4,620.00	\$ 2.50	\$ 11,550.00		\$ -	2,063.00	2,063.00	\$ 5,157.50	2,557.00	44.65%
2.05	Subgrade Treatment, Geogrid, Triangular	SY	460.00		460.00	\$ 6.00	\$ 2,760.00		\$ -	308.00	308.00	\$ 1,848.00	152.00	66.96%
2.06	Subbase, Modified, 6" Depth (Virgin Aggregate)	SY	4,480.00		4,480.00	\$ 14.00	\$ 62,720.00		\$ -	2,410.00	2,410.00	\$ 33,740.00	2,070.00	53.79%
2.07	Removal of Structure, Wood Shed, 10' X 6'	LS	1.00		1.00	\$ 2,500.00	\$ 2,500.00		\$ -	1.00	1.00	\$ 2,500.00	0.00	100.00%
2.08	Compaction Testing	LS	1.00		1.00	\$ 3,500.00	\$ 3,500.00		\$ -	0.50	0.50	\$ 1,750.00	0.50	50.00%
TRENCH EXCAVATION AND BACKFILL														
3.01	Trench Compaction Testing	LS	1.00		1.00	\$ 3,500.00	\$ 3,500.00		\$ -	0.50	0.50	\$ 1,750.00	0.50	50.00%
SEWERS AND DRAINS														
4.01	Sanitary Sewer Gravity Main, Trenched, Truss PVC, 8" Diameter	LF	1,100.00		1,100.00	\$ 155.00	\$ 170,500.00		\$ -	464.00	464.00	\$ 71,920.00	636.00	42.18%
4.02	Sanitary Sewer, Service Stub, PVC, 4" Diameter	LF	430.00		430.00	\$ 115.00	\$ 49,450.00		\$ -	200.00	200.00	\$ 23,000.00	230.00	46.51%
4.03	Removal of Sanitary Sewer, Less than or equal to 36" Diameter	LF	775.00		775.00	\$ 27.00	\$ 20,925.00		\$ -	475.00	475.00	\$ 12,825.00	300.00	81.29%
4.04	Sanitary Sewer Cleanout, Temporary (Type 1)	EA	2.00		2.00	\$ 2,550.00	\$ 5,100.00		\$ -	1.00	1.00	\$ 2,550.00	1.00	50.00%
4.05	Sanitary Sewer Cleanout, Temporary (Type 2)	EA	1.00		1.00	\$ 2,150.00	\$ 2,150.00		\$ -	1.00	1.00	\$ 2,150.00	0.00	100.00%
4.06	Sanitary Sewer Abandonment, Fill and Plug	LF	300.00		300.00	\$ 30.00	\$ 9,000.00		\$ -			\$ -	300.00	0.00%
4.07	Storm Sewer, Trenched, Class III RCP, 15" Diameter (CI R-2 Bed)	LF	462.00		462.00	\$ 130.00	\$ 60,060.00		\$ -	344.00	344.00	\$ 44,720.00	118.00	74.46%
4.08	Storm Sewer, Trenched, Class III RCP, 18" Diameter (CI R-2 Bed)	LF	66.00		66.00	\$ 132.00	\$ 8,712.00		\$ -	34.00	34.00	\$ 4,488.00	32.00	51.52%
4.09	Storm Sewer, Trenched, Class III RCP, 24" Diameter (CI R-2 Bed)	LF	36.00		36.00	\$ 165.00	\$ 5,940.00		\$ -			\$ -	36.00	0.00%
4.10	Storm Sewer, Trenched, Class III RCP, 30" Diameter (CI R-2 Bed)	LF	280.00		280.00	\$ 180.00	\$ 50,400.00		\$ -	280.00	280.00	\$ 50,400.00	0.00	100.00%
4.11	Storm Sewer, Trenched, Class III RCP, 36" Diameter (CI R-2 Bed)	LF	478.00		478.00	\$ 220.00	\$ 105,160.00		\$ -	152.00	152.00	\$ 33,440.00	326.00	31.80%
4.12	Storm Sewer, Trenched, Class III RCP, 42" Diameter (CI R-2 Bed)	LF	8.00		8.00	\$ 430.00	\$ 3,440.00		\$ -	8.00	8.00	\$ 3,440.00	0.00	100.00%
4.13	Storm Sewer, Trenched, A-2000 PVC, 36" Diameter	LF	168.00		168.00	\$ 460.00	\$ 77,280.00		\$ -	168.00	168.00	\$ 77,280.00	0.00	100.00%
4.14	Removal of Storm Sewer, Less than or equal to 36" Diameter	LF	281.00		281.00	\$ 28.00	\$ 7,868.00		\$ -	225.00	225.00	\$ 6,300.00	56.00	80.07%
4.15	Storm Sewer Abandonment, Fill and Plug	LF	217.00		217.00	\$ 60.00	\$ 13,020.00		\$ -	217.00	217.00	\$ 13,020.00	0.00	100.00%
4.16	Pipe Apron, RCP, 42" Diameter	EA	1.00		1.00	\$ 2,450.00	\$ 2,450.00		\$ -	1.00	1.00	\$ 2,450.00	0.00	100.00%
4.17	Footing for Concrete Pipe Apron, RCP, 42" Diameter	EA	1.00		1.00	\$ 850.00	\$ 850.00		\$ -	1.00	1.00	\$ 850.00	0.00	100.00%
4.18	Pipe Apron Guard, RCP, 42" Diameter	EA	1.00		1.00	\$ 2,100.00	\$ 2,100.00		\$ -	1.00	1.00	\$ 2,100.00	0.00	100.00%
4.19	Footing Drain Collector/Subdrain, Corrugated PVC, 8" Diameter	LF	2,000.00		2,000.00	\$ 50.00	\$ 100,000.00		\$ -	912.00	912.00	\$ 45,600.00	1,088.00	45.60%
4.20	Footing Drain Cleanout, Type B, 24" Diameter	EA	2.00		2.00	\$ 765.00	\$ 1,530.00		\$ -	0.00	0.00	\$ -	2.00	0.00%
4.21	Footing Drain Outlet into Structure, 8" Diameter	EA	19.00		19.00	\$ 575.00	\$ 10,925.00		\$ -	8.00	8.00	\$ 4,600.00	11.00	42.11%
4.22	Storm Sewer Service Stub, PVC, 1.5" Diameter	LF	210.00		210.00	\$ 200.00	\$ 42,000.00		\$ -	104.00	104.00	\$ 20,800.00	106.00	48.52%
WATER MAINS AND APPURTENANCES														
5.01	Water Main, Temporary, PEX, 2" Diameter	LF	1,100.00		1,100.00	\$ 41.00	\$ 45,100.00		\$ -	494.00	494.00	\$ 20,254.00	606.00	44.91%
5.02	Water Main, Trenched, PVC, 4" Diameter	LF	30.00		30.00	\$ 94.00	\$ 2,820.00		\$ -		0.00	\$ -	30.00	0.00%
5.03	Water Main, Trenched, PVC, 6" Diameter	LF	20.00		20.00	\$ 98.00	\$ 1,960.00		\$ -		0.00	\$ -	20.00	0.00%
5.04	Water Main, Trenched, PVC, 8" Diameter	LF	1,150.00		1,150.00	\$ 84.00	\$ 96,600.00		\$ -	512.00	512.00	\$ 43,008.00	638.00	44.52%
5.05	Fitting, 22.50 Degree Bend, 4"	EA	4.00		4.00	\$ 1,215.00	\$ 4,860.00		\$ -	0.00	0.00	\$ -	4.00	0.00%
5.06	Fitting, 22.50 Degree Bend, 6"	EA	2.00		2.00	\$ 1,315.00	\$ 2,630.00		\$ -	0.00	0.00	\$ -	2.00	0.00%
5.07	Fitting, 22.50 Degree Bend, 8"	EA	2.00		2.00	\$ 1,455.00	\$ 2,910.00		\$ -	1.00	1.00	\$ 1,455.00	1.00	50.00%
5.08	Fitting, 8" X 8" Tee	EA	2.00		2.00	\$ 1,705.00	\$ 3,410.00		\$ -	1.00	1.00	\$ 1,705.00	1.00	50.00%
5.09	Fitting, 8" X 4" Reducer	EA	2.00		2.00	\$ 1,020.00	\$ 2,040.00		\$ -	1.00	1.00	\$ 1,020.00	1.00	50.00%
5.10	Fitting, 8" X 6" Reducer	EA	1.00		1.00	\$ 1,035.00	\$ 1,035.00		\$ -	0.00	0.00	\$ -	1.00	0.00%
5.11	Water Service, Polyethylene, 0.75" Diameter, Near Side	EA	12.00		12.00	\$ 2,445.00	\$ 29,340.00		\$ -	5.00	5.00	\$ 12,225.00	7.00	41.67%
5.12	Water Service, Polyethylene, 0.75" Diameter, Far Side	EA	2.00		2.00	\$ 3,020.00	\$ 6,040.00		\$ -	1.00	1.00	\$ 3,020.00	1.00	50.00%
5.13	Gate Valve, 8"	EA	4.00		4.00	\$ 2,765.00	\$ 11,060.00		\$ -	2.00	2.00	\$ 5,530.00	2.00	50.00%
5.14	Fire Hydrant Assembly, Alternate	EA	3.00		3.00	\$ 7,000.00	\$ 21,000.00		\$ -	1.00	1.00	\$ 7,000.00	2.00	33.33%
5.15	Removal of Water Main	LF	1,190.00		1,190.00	\$ 22.00	\$ 26,180.00		\$ -	512.00	512.00	\$ 11,264.00	678.00	43.03%

Date printed: 12/7/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

STRUCTURES FOR SANITARY AND STORM SEWERS												
6.01	Manhole, Type SW-301, 48" Diameter	EA	5.00			5.00	\$ 5,640.00	\$ 28,200.00		\$ -	1.00	
6.02	Manhole, Type SW-401, 60" Diameter	EA	1.00			1.00	\$ 8,960.00	\$ 8,960.00		\$ -	1.00	
6.03	Manhole, Type SW-401, 72" Diameter	EA	1.00			1.00	\$ 9,600.00	\$ 9,600.00		\$ -	1.00	
6.04	Intake Type SW-505	EA	7.00			7.00	\$ 6,290.00	\$ 44,030.00		\$ -	4.00	
6.05	Intake Type SW-506	EA	6.00			6.00	\$ 12,145.00	\$ 72,870.00		\$ -	2.00	
6.06	Intake Type SW-513, 6" X 6"	EA	1.00			1.00	\$ 10,350.00	\$ 10,350.00		\$ -	1.00	
6.07	Manhole Adjustment, Major	EA	1.00			1.00	\$ 3,150.00	\$ 3,150.00		\$ -	1.00	
6.08	Remove Manhole, Sanitary	EA	4.00			4.00	\$ 600.00	\$ 2,400.00		\$ -	1.00	
6.09	Remove Cleanout, Storm	EA	2.00			2.00	\$ 600.00	\$ 1,200.00		\$ -	2.00	
6.10	Remove Intake, Storm	EA	3.00			3.00	\$ 600.00	\$ 1,800.00		\$ -	2.00	
6.11	Remove Cleanout, Sanitary	EA	2.00			2.00	\$ 500.00	\$ 1,000.00		\$ -	1.00	
STREETS AND RELATED WORK												
7.01	Pavement, PCC, C-SUD, 8"	SY	3,517.00			3,517.00	\$ 88.00	\$ 309,466.00		\$ -	1523.00	
7.02	Pavement, PCC, C-SUD, 7"	ST	284.00			284.00	\$ 56.50	\$ 14,916.00		\$ -	135.00	
7.03	PCC Pavement Samples and Testing	LS	1.00			1.00	\$ 4,850.00	\$ 4,850.00		\$ -	0.50	
7.04	Removal of Sidewalk	SY	680.00			680.00	\$ 15.00	\$ 10,200.00		\$ -	387.00	
7.05	Removal of Driveway	SY	692.00			692.00	\$ 15.00	\$ 10,380.00	10.00	\$ 150.00	420.00	
7.06	Sidewalk, PCC, 4"	SY	801.00			801.00	\$ 46.00	\$ 36,946.00		\$ -	403.00	
7.07	Sidewalk, PCC, 6"	SY	35.00			35.00	\$ 182.00	\$ 6,370.00		\$ -	23.00	
7.08	Detachable Warnings, Galvanized Steel	SF	68.00			68.00	\$ 52.50	\$ 3,570.00		\$ -	32.00	
7.09	Driveway, Paved, PCC, 6"	SY	719.00			719.00	\$ 58.00	\$ 41,702.00	10.00	\$ 580.00	621.00	
7.10	Pavement Removal	SY	3,297.00			3,297.00	\$ 15.00	\$ 49,455.00	18.00	\$ 270.00	1615.00	
TRAFFIC CONTROL												
8.01	Temporary Traffic Control	LS	1.00			1.00	\$ 8,000.00	\$ 8,000.00	0.10	\$ 800.00	0.50	
8.02	Portable Dynamic Message Signs	CDAY	10.00			10.00	\$ 200.00	\$ 2,000.00		\$ -	10.00	
8.03	Remove and Reinstall Type A Sign	EA	5.00			5.00	\$ 300.00	\$ 1,500.00		\$ -	1.00	
SITE WORK AND LANDSCAPING												
9.01	Conventional Seeding and Fertilizing, Type 4	AC	1.00			1.00	\$ 3,000.00	\$ 3,000.00		\$ -	0.30	
9.02	Rip Rap, Erosion Stone, Remove and Reinstall	TON	50.00			50.00	\$ 95.50	\$ 4,775.00		\$ -	50.00	
9.03	Silt Fence Ditch Check	LF	50.00			50.00	\$ 10.00	\$ 500.00		\$ -		
9.04	Silt Fence Ditch Check, Removal	LF	50.00			50.00	\$ 5.00	\$ 250.00		\$ -		
9.05	Erosion Control Mulching, Hydromulching, BFM	AC	1.00			1.00	\$ 3,000.00	\$ 3,000.00		\$ -	0.30	
9.06	Inlet Protection Device, Rock	EA	13.00			13.00	\$ 850.00	\$ 11,050.00		\$ -	4.00	
9.07	Inlet Protection Device, Drop In & Removal	EA	28.00			28.00	\$ 125.00	\$ 3,500.00		\$ -	4.00	
9.08	Inlet Protection Device, Maintenance	EA	95.00			95.00	\$ 25.00	\$ 2,375.00		\$ -	8.00	
9.09	Removal of Fence, Wood Privacy Fence	LF	100.00			100.00	\$ 20.00	\$ 2,000.00		\$ -	100.00	
9.10	Temporary Fence, Orange Mesh, Safety Fence	LS	1.00			1.00	\$ 8,500.00	\$ 8,500.00		\$ -	0.60	
MISCELLANEOUS												
11.01	Mobilization	LS	1.00			1.00	\$ 125,000.00	\$ 125,000.00	0.10	\$ 12,500.00	0.50	
11.02	Maintenance of Postal Service	LS	1.00			1.00	\$ 5,050.00	\$ 5,050.00		\$ -	0.40	
11.03	Maintenance of Solid Waste Collection	LS	1.00			1.00	\$ 5,050.00	\$ 5,050.00		\$ -	0.40	
11.04	Temporary Pedestrian Ramp	EA	5.00			5.00	\$ 505.00	\$ 2,525.00		\$ -	1.00	
11.05	Temporary Granular Sidewalk	SY	588.00			588.00	\$ 30.00	\$ 17,040.00		\$ -	158.00	
11.06	Concrete Washout	LS	1.00			1.00	\$ 2,020.00	\$ 2,020.00		\$ -	0.50	
11.07	Pre & Post Foundation Inspection	LS	1.00			1.00	\$ 2,505.00	\$ 2,505.00		\$ -	0.50	
CHANGE ORDER ITEMS												
12.01							\$ -	\$ -		\$ -	0.00	
12.02							\$ -	\$ -		\$ -	0.00	
12.03							\$ -	\$ -		\$ -	0.00	
12.04							\$ -	\$ -		\$ -	0.00	
12.05							\$ -	\$ -		\$ -	0.00	

TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK

CONTRACT = \$2,027,500.00 PAY PERIOD = \$ 14,300.00

COMPLETED = \$1,027,225.50

50.66%

Date printed: 12/7/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	May 15, 2023	\$ 145,789.37
2	June 19, 2023	\$ 129,995.15
3	July 17, 2023	\$ 147,288.00
4	August 21, 2023	\$ 207,386.43
5	September 18, 2023	\$ 213,542.42
6	October 16, 2023	\$ 118,277.85
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Previous Applications for Payment:

No.	Date	Amount
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Record of Change Orders:

No.	Date	Amount
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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period:	Working Days
Construction Start Date:	April 3, 2023

Substantial Completion:

Contract Working Days:	140.0
Added by Change Order:	
Total Working Days:	140.0
Working Days Used to Date:	109.5
Working Days Remaining:	30.5

Full Completion:

Contract Working Days:	10.0
Added by Change Order:	
Total Working Days:	10.0
Working Days Used to Date:	12.0
Working Days Remaining:	(2.0)

PREVIOUS PAY APPS TOTAL = \$ 962,279.22



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Parks and Recreation

COUNCIL GOAL:

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to approve Payment #6 in the amount of \$8,768.28 to Romtech Companies, for construction services on the restroom facility at Midway Park.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #6

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: MIDWAY PARK RESTROOM CONSTRUCTION
Contractor: ROMTEC COMPANIES
Address: 18240 N. BANK RD, ROSEBURG, OR, 97470
Finance Budget Code: 897.2897.4408 Finance Project #: 897.4408
Vendor Project #: NA Purchase Order #: NA
Original Contract Date: May 18, 2023 Vendor Account #: 6802

Date of Council Meeting: December 18, 2023 Payment Application #: 6

Payment Period: From: November 1, 2023 Through: November 30, 2023

Contract Summary:

Original Contract Amount:	\$	<u>279,370.78</u>	
Net Change by Change Orders:	\$	<u>-</u>	
Contract Amount to Date: (line 1 ± 2)	\$	<u>279,370.78</u>	
Total Completed and Stored to Date:	\$	<u>272,852.50</u>	
Retainage: <u>0</u> % of Completed Work:	\$	<u>-</u>	
Total Earned Less Retainage:	\$	<u>272,852.50</u>	
Less Previous Applications for Payment:	\$	<u>264,084.22</u>	
SUBTOTAL:	\$		<u>8,768.28</u>
OTHER CHARGES:	\$		<u>-</u>
CURRENT PAYMENT DUE:	\$		<u>8,768.28</u>
Balance to Finish, Including Retainage:	\$	<u>6,518.28</u>	

Contract Time Remaining: - Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: ROMTEC COMPANIES
Signature: Linda Risch Date: 12/1/2023

Engineer / Consultant Approval:
Signature: _____ Date: _____

City of Ankeny Staff Approval:
Signature: _____ Date: 12/1/23

Submit to: NICK LENOX
E-mail: NLENOX@ANKENYIOWA.GOV Phone Number: 515-963-3576

Date Printed: 12/1/2023



Romtec Companies (541) 496-3541
18240 N. Bank Rd
Roseburg OR 97470
United States

Invoice

#INV1302

11/29/2023

Bill To

City of Ankeny
410 W 1st St
Ankeny IA 50023-1557
United States

Ship To

City of Ankeny
1500 Sw Des Moines St
Ankeny IA 50023
United States

TOTAL

\$8,768.28

Due Date: 12/29/2023

Terms
30 - Net 30

Due Date
12/29/2023

MFG Project
City of Ankeny : 20178

Customer PO #

Contract #

Quantity	Item	Rate	Amount
	/C : Midway Park (IA) project.		
1	Installation : Invoicing 20% for Top Out Plumbing & Electrical	\$3,000.00	\$3,000.00
1	Installation : Invoicing 50% for Finishes & Accessorles	\$5,768.28	\$5,768.28
Subtotal			\$8,768.28
Discount			
Tax Total (0%)			\$0.00
Total			\$8,768.28

Questions call @ 541-496-4752 or email AccountsReceivable@Romtec.com
SERVICE CHARGES: 1.25% PER MONTH ON PAST DUE ACCOUNTS. 15% per Annum.
Goods returned without authorization will not be accepted for credit.
Return goods subject to restocking charge.

Retention:

1 of 1

Romtec - Midway Park (Formerly Des Moines St. Park)(IA) - Schedule of Values - Monthly Billing

City of Ankeny
Attn: Nick Lenox
410 W. First Street
Ankeny IA, 50023

Job# 20178

Tax-Exempt

Application No: 1302
Application Date: 11/29/2023
Period To: 11/30/2023

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		G TOTAL COMPLETED	H BALANCE TO
			FROM PREVIOUS	THIS PERIOD		
001	Restroom					
002	Delivery of Design Submittal (SSDS)	\$ 40,000.00	\$ 40,000.00		\$ 40,000.00	\$ -
003	Manufacturing at Romtec facilities (monthly progress)	\$ 60,000.00	\$ 60,000.00		\$ 60,000.00	\$ -
004	Ready to Ship (manufacturing and packaging complete)	\$ 13,222.22	\$ 13,222.22		\$ 13,222.22	\$ 0.00
005	Freight	\$ 9,612.00	\$ 9,612.00		\$ 9,612.00	\$ -
006	Installation - Site Work & Rough-in Plumbing & Electrical	\$ 20,000.00	\$ 20,000.00		\$ 20,000.00	\$ -
007	Installation - Foundation & Slab	\$ 30,000.00	\$ 30,000.00		\$ 30,000.00	\$ -
008	Installation - Erection of Walls	\$ 50,000.00	\$ 50,000.00		\$ 50,000.00	\$ -
009	Installation - Roof System	\$ 30,000.00	\$ 30,000.00		\$ 30,000.00	\$ -
010	Installation - Top Out Plumbing & Electrical	\$ 15,000.00	\$ 11,250.00	\$ 3,000.00	\$ 14,250.00	\$ 750.00
011	Installation - Finishes & Accessories	\$ 11,536.56		\$ 5,768.28	\$ 5,768.28	\$ -
GRAND TOTALS		\$ 279,370.78	\$ 264,084.22	\$ 8,768.28	\$ 272,852.50	\$ 6,518.28

Notes:

- This standard Schedule of Values is contingent upon an approved customer credit application.
- Romtec will invoice monthly for work completed related to all payment milestones above.
- All payments are due NET 30 of invoice date.
- Romtec does not accept partial payments nor any offsets/retainage.
- Payment obligations are not contingent upon customer receipt of payment from any external entity nor per the terms of any external agreement.
- Any failure to meet payment obligations may void these terms and grants Romtec the right to require new terms, including the right to require prepayment of all remaining milestones.
- At the time the customer formally authorizes Romtec to proceed with production and delivery, Romtec will confirm the delivery date with the customer. Note that Romtec does NOT have capacity for long term storage of completed goods, and the customer must accept delivery no later than the agreed date. If necessary, the customer must arrange for storage of delivered goods at a different location. Regardless of any customer caused delay of delivery, Romtec will invoice for completed goods that are ready to ship.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Enhance Quality of Life

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:
Consider motion to approve Payment #35 in the amount of \$7,687.00 to Shive Hattery for construction administration services associated with the Ankeny Senior Community Center project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Pay Application

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Ankeny Senior Community Center
Contractor: Shive-Hattery
Address: PO Box 1599 - Cedar Rapids, Iowa 52106-1599
Finance Budget Code: 905.2905.4210 **Finance Project #** 905.421
Vendor Project or Invoice #: 4185992-35 **PO #**
Original Contract Date: October 28, 2019 **Vendor #** 8471

Date of Council Meeting: 12/18/2023 ms December 4, 2023 **PAYMENT REQUEST #** 35
PAYMENT PERIOD: From: October 21, 2023 Through: November 24, 2023

Contract Summary

Original Contract Amount:	\$	601,000.00	
Net change by Change Orders:	\$	167,200.00	
Contract Amount to Date: (line 1 ± 2)	\$	768,200.00	✓
Total completed and stored to date:	\$	761,836.42	✓
Retainage: 0 % of Completed Work:	\$	-	
Total Earned less Retainage:	\$	761,836.42	
Less previous applications for payment:	\$	754,149.42	✓
SUBTOTAL	\$	7,687.00	✓

OTHER CHARGES (Attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 7,687.00

Balance to finish, including retainage: \$ 6,363.58 ✓

Contract Time Remaining (If applicable) - Working Days

172,021

Construction Contractor Approval: Shive-Hattery
 Firm Name
 Signature Lindsey Mathews Date November 29, 2023

Engineer / Consultant Approval:
 Firm Name
 Signature _____ Date _____

City of Ankeny Staff Approval:
 Signature Mike Schrock Date 11/29/2023

Submit to: Mike Schrock
 E-mail: mschrock@ankenyiowa.gov Phone: (515) 965-6426 Fax: (515) 963-3537

November 29, 2023

Invoice No: 4185992 - 37

Mike Schrock
City of Ankeny, IA
220 West First St.
Ankeny, IA 50023

Ankeny - Senior Community Center Design Services

Services provided through November 24, 2023:

Phase	02	Base Contract				
			Total Fee	Percent Complete	Fee Earned	Previous Fee Billing
Schematic Design			113,400.00	100.00	113,400.00	113,400.00
Design Development			113,400.00	100.00	113,400.00	113,400.00
Construction Documents			198,450.00	100.00	198,450.00	198,450.00
Bid			28,350.00	100.00	28,350.00	28,350.00
Construction Administration			113,400.00	100.00	113,400.00	113,400.00
Amend. #1 Geothermal Wells			24,000.00	100.00	24,000.00	24,000.00
Amend. #2 Parking Lot & Storm			14,900.00	100.00	14,900.00	14,900.00
Reimbursables			16,500.00	100.00	16,500.00	16,500.00
M/E Commissioning			19,000.00	100.00	19,000.00	19,000.00
Amend. #3 BECx Commissioning			28,900.00	100.00	28,900.00	28,900.00
Amend. #4 FF&E Design			19,900.00	100.00	19,900.00	19,900.00
Amend. #5 Parking Lot Replacement			20,000.00	100.00	20,000.00	20,000.00
Amend. #6 Paving Observation			10,500.00	100.00	10,500.00	10,500.00
Amend. #7 Floor Plan Changes			5,000.00	100.00	5,000.00	5,000.00
Amend #8 Add CA Services (Hrly)			15,000.00	100.00	15,000.00	15,000.00
Amend #9 Add CA Services (Hrly)			10,000.00	100.00	10,000.00	10,000.00
Amend #10 Add CA Services (Hrly)			10,000.00	100.00	10,000.00	3,449.42
Amend #11 Add CA Services (Hrly)			7,500.00	15.1523	1,136.42	0.00
Total Fee			768,200.00		761,836.42	754,149.42
			Total Fee			7,687.00
						Total this Phase
						\$7,687.00
						AMOUNT DUE THIS INVOICE
						\$7,687.00

RLH

TERMS: PAYMENT SHALL BE DUE UPON RECEIPT.

ACH PAYMENTS NOW ACCEPTED. PLEASE EMAIL AR@SHIVE-HATTERY.COM FOR DETAILS.

Billing Backup

Shive-Hattery, Inc.

Phase	73	C-Admin - Amend-10 Add Services			
			Hours	Rate	Total
Grade 3 Professional Staff					
000977	Harbaugh, Anthony	10/30/2023	4.00	138.00	552.00
000977	Harbaugh, Anthony	11/1/2023	2.00	138.00	276.00
Grade 6 Professional Staff					
000566	Hinds, Ronald	10/25/2023	1.00	185.00	185.00
000566	Hinds, Ronald	10/30/2023	2.30	185.00	425.50
000566	Hinds, Ronald	10/31/2023	.50	185.00	92.50
000566	Hinds, Ronald	11/1/2023	1.50	185.00	277.50
000566	Hinds, Ronald	11/2/2023	.50	185.00	92.50
000040	Schroeder, Russell	10/30/2023	3.00	185.00	555.00
000040	Schroeder, Russell	11/1/2023	1.00	185.00	185.00
000040	Schroeder, Russell	11/6/2023	1.00	185.00	185.00
000040	Schroeder, Russell	11/7/2023	2.00	185.00	370.00
000040	Schroeder, Russell	11/8/2023	2.50	185.00	462.50
000635	Steffens, Brian	10/30/2023	.50	185.00	92.50
000635	Steffens, Brian	10/31/2023	.20	185.00	37.00
Grade 8 Professional Staff					
000347	Wehr, Todd	10/23/2023	.20	221.00	44.20
000347	Wehr, Todd	10/26/2023	.20	221.00	44.20
000347	Wehr, Todd	10/27/2023	.20	221.00	44.20
000347	Wehr, Todd	10/30/2023	1.00	221.00	221.00
000347	Wehr, Todd	10/31/2023	.50	221.00	110.50
000347	Wehr, Todd	11/1/2023	1.70	221.00	375.70
000347	Wehr, Todd	11/2/2023	.80	221.00	176.80
000347	Wehr, Todd	11/10/2023	.20	221.00	44.20
Grade 2 Technician					
000826	Conrad, Kristen	11/2/2023	.60	89.00	53.40
000826	Conrad, Kristen	11/9/2023	.80	89.00	71.20
Grade 6 Technician					
000588	Mathews, Lindsey	10/26/2023	.50	141.00	70.50
Totals			28.70		5,043.90
Total Labor					5,043.90
Total this Phase					\$5,043.90

Phase	74	C-Admin - Amend-11 Add Services			
			Hours	Rate	Total
Grade 3 Professional Staff					
000977	Harbaugh, Anthony	11/6/2023	1.00	138.00	138.00
000977	Harbaugh, Anthony	11/7/2023	3.00	138.00	414.00
000977	Harbaugh, Anthony	11/8/2023	1.50	138.00	207.00
000977	Harbaugh, Anthony	11/9/2023	2.00	138.00	276.00
Grade 6 Professional Staff					
000566	Hinds, Ronald	11/6/2023	.50	185.00	92.50

000566	Hinds, Ronald	11/7/2023	1.00	185.00	185.00	
000566	Hinds, Ronald	11/8/2023	1.50	185.00	277.50	
000566	Hinds, Ronald	11/9/2023	1.50	185.00	277.50	
000566	Hinds, Ronald	11/13/2023	1.50	185.00	277.50	
000566	Hinds, Ronald	11/14/2023	.50	185.00	92.50	
000566	Hinds, Ronald	11/16/2023	1.00	185.00	185.00	
000566	Hinds, Ronald	11/20/2023	.50	185.00	92.50	
000040	Schroeder, Russell	11/9/2023	.50	185.00	92.50	
	Grade 2 Technician					
000826	Conrad, Kristen	11/16/2023	.40	89.00	35.60	
	Totals		16.40		2,643.10	
	Total Labor					2,643.10
				Total this Phase		\$2,643.10
				Total this Report		\$7,687.00

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Pag

No.	Date	Amount
1	November 26, 2019	\$ 11,360.31
2	January 6, 2020	\$ 102,092.10
3	February 4, 2020	\$ 56,760.84
4	March 13, 2020	\$ 156,169.56
5	May 8, 2020	\$ 143,061.64
6	June 19, 2020	\$ 29,757.40
7	September 17, 2020	\$ 8,679.20
8	October 16, 2020	\$ 40,268.17
9	November 13, 2020	\$ 20,723.00
10	January 15, 2021	\$ 8,665.00
11	February 12, 2021	\$ 19,300.00
12	March 12, 2021	\$ 15,362.73
13	April 23, 2021	\$ 4,496.35
14	June 25, 2021	\$ 19,246.07
15	July 30, 2021	\$ 8,269.18
16	September 17, 2021	\$ 19,013.19
17	October 16, 2021	\$ 35,971.80
18	November 12, 2021	\$ 10,077.64
19	December 5, 2021	\$ 3,003.33
20	January 14, 2022	\$ 9,293.28
21	February 11, 2022	\$ 2,275.40
22	March 11, 2022	\$ 3,334.30
23	April 22, 2022	\$ 4,974.40
24	May 26, 2022	\$ 2,347.80
25	August 2, 2022	\$ 6,197.31
26	October 7, 2022	\$ 4,255.40
27	November 11, 2021	\$ 960.70
28	January 27, 2023	\$ 3,812.51
29	March 21, 2023	\$ 750.10
30	May 17, 2023	\$ 499.50
31	June 16, 2023	\$ 818.71
32	July 26, 2023	\$ 258.50
33	September 29, 2023	\$ 1,213.00
34	October 28, 2023	\$ 881.00
35		

Previous Applications for Payment

No.	Date	Amount
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PREVIOUS PAY APP TOTAL = \$ 754,149.42

Record of Change Orders

No.	Date	Amount
1	Geothermal Wells	\$ 24,000.00
2	Parking Lot & Storm	\$ 16,400.00
3	Amendment #3	\$ 28,900.00
4	Amendment #4	\$ 19,900.00
5	Amendment #5	\$ 20,000.00
6	Amendment #6	\$ 10,500.00
7	Amendment #7	\$ 5,000.00
8	Amendment #8	\$ 15,000.00
9	Amendment #9	\$ 10,000.00
10	Amendment #10	\$ 10,000.00
11	Amendment #11	\$ 7,500.00
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CHANGE ORDER TOTAL = \$ 167,200.00

Contract Time Remaining

Contract Period:	Working Days
Original Contract Date:	
Original Contract Time:	
Added by Change Order:	
Contract Time to Date:	0.0
Time Used to Date:	
Contract Time Remaining:	0.0



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:
Consider motion to approve Payment #12 in the amount of \$32,972.60 to Synergy Contracting, LLC, for construction services on the HTT Water Transmission Main & Drainage Improvements project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

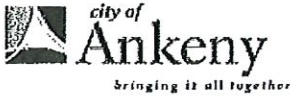
ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Payment #12

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: HTT WATER TRANSMISSION MAIN & DRAINAGE IMPROVEMENTS
Contractor: Synergy Contracting, LLC
Address: 7481 US Highway 69, Des Moines, Iowa 50320
Finance Budget Code: 629.3629.4450 Finance Project #: 629.4450
Finance Budget Code: 688.3688.4453 Finance Project #: 688.4453
Vendor Project #: _____ Purchase Order #: _____
Original Contract Date: October 3, 2022 Vendor Account #: 5089

Date of Council Meeting: December 18, 2023 Payment Application #: 12

Payment Period: From: October 21, 2023 Through: December 1, 2023

Contract Summary:

Original Contract Amount:	\$	5,778,405.00	
Net Change by Change Orders:	\$	-	
Contract Amount to Date: (line 1 ± 2)	\$	5,778,405.00	
Total Completed and Stored to Date:	\$	5,379,151.05	
Retainage: <u>5</u> % of Completed Work:	\$	268,957.55	
Total Earned Less Retainage:	\$	5,110,193.50	
Less Previous Applications for Payment:	\$	5,077,220.90	
SUBTOTAL:	\$		32,972.60
OTHER CHARGES:	\$		-

Current Payment Due - Division 1 (629.4450)	\$	12,885.80
Current Payment Due - Division 2 (688.4453)	\$	20,086.80
	\$	32,972.60

CURRENT PAYMENT DUE:

Balance to Finish, Including Retainage: \$ 668,211.50

Contract Time Remaining (Division 1): 3.50 Working Days
Contract Time Remaining (Division 2): - Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Synergy Contracting, LLC

[Signature]
Signature

12/11/23
Date

Engineer / Consultant Approval: Snyder & Associates, Inc.

[Signature]
Signature

12/11/23
Date

City of Ankeny Staff Approval:

[Signature]
Signature

12/11/23
Date

Submit to: Don Clark, P.E. - Director of Municipal Utilities

E-mail: dclark@ankenyiowa.gov

Phone Number: (515) 963-3529

Date Printed: 12/11/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	December 19, 2022	\$ 111,373.25
2	January 17, 2023	\$ 130,628.89
3	February 21, 2023	\$ 265,766.84
4	March 20, 2023	\$ 204,678.96
5	April 17, 2023	\$ 634,936.90
6	May 15, 2023	\$ 601,414.67
7	July 3, 2023	\$ 2,107,126.85
8	August 7, 2023	\$ 716,604.58
9	September 5, 2023	\$ 158,300.36
10	October 3, 2023	\$ 104,532.26
11	November 6, 2023	\$ 41,857.34
12		\$ -
13		\$ -
14		\$ -
15		\$ -
16		\$ -
17		\$ -
18		\$ -
19		\$ -
20		\$ -
21		\$ -
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28		\$ -
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35		\$ -

Previous Applications for Payment:

No.	Date	Amount
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Record of Change Orders:

No.	Date	Amount
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CHANGE ORDER TOTAL = \$ -

Contract Time Remaining:

Contract Period:	Working Days
Construction Start Date (Div.I):	November 1, 2022
Construction Start Date (Div.II):	April 1, 2022

Full Completion (Div. 1)

Contract Working Days:	170.0
Added by Change Order:	0.0
Total Working Days:	170.0
Working Days Used to Date:	166.5
Working Days Remaining:	3.5

Full Completion (Div. 2):

Contract Working Days:	90.0
Added by Change Order:	0.0
Total Working Days:	90.0
Working Days Used to Date:	90.0
Working Days Remaining:	0.0

PREVIOUS PAY APPS TOTAL = \$ 5,077,220.90

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

DIVISION 1 - WATER TRANSMISSION MAIN

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNIT	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
EARTHWORK														
1	Clearing and Grubbing, Select Trees	UNITS	50.00		50.00	\$ 30.00	\$ 1,500.00		\$ -	165.50	165.50	\$ 5,565.00	(135.50)	371.00%
2	Clearing and Grubbing, General	LS	1.00		1.00	\$ 108,000.00	\$ 108,000.00		\$ -	1.00	1.00	\$ 108,000.00	0.00	100.00%
TRENCH EXCAVATION AND BACKFILL														
3	Trench Foundation	TON	820.00		820.00	\$ 56.00	\$ 45,920.00		\$ -	0.00	0.00	\$ -	820.00	0.00%
4	Special Pipe Support	EA	2.00		2.00	\$ 3,500.00	\$ 7,000.00		\$ -	0.00	0.00	\$ -	2.00	0.00%
5	Trench Compaction Testing	LS	1.00		1.00	\$ 2,800.00	\$ 2,800.00		\$ -	1.00	1.00	\$ 2,800.00	0.00	100.00%
SEWERS AND DRAINS														
6	Drain Tile Repair	EA	2.00		2.00	\$ 1,750.00	\$ 3,500.00		\$ -	1.00	1.00	\$ 1,750.00	1.00	50.00%
WATER MAINS AND APPURTENANCES														
7	Water Main, Trenched, PVC, 24"	LF	4,815.00		4,815.00	\$ 406.00	\$ 1,954,890.00		\$ -	5,074.53	5,074.53	\$ 2,060,259.18	(259.53)	105.39%
8	Water Main, Trenchless, PVC, 24"	LF	5,005.00		5,005.00	\$ 406.00	\$ 2,032,030.00		\$ -	4,747.24	4,747.24	\$ 1,927,379.44	257.76	94.85%
9	Water Main with Casing Pipe, Trenchless, PVC, 24"	LF	100.00		100.00	\$ 1,001.00	\$ 100,100.00		\$ -	100.00	100.00	\$ 100,100.00	0.00	100.00%
10	Fitting, Bend, 24"	EA	18.00		18.00	\$ 6,700.00	\$ 120,600.00		\$ -	18.00	18.00	\$ 120,600.00	(1.00)	105.56%
11	Fitting, Solid Sleeve Coupling, 24"	EA	10.00		10.00	\$ 5,460.00	\$ 54,600.00		\$ -	13.00	13.00	\$ 70,980.00	(3.00)	130.00%
12	Connect to Existing, 24"	EA	2.00		2.00	\$ 9,100.00	\$ 18,200.00		\$ -	2.00	2.00	\$ 18,200.00	0.00	100.00%
13	Valve, Gate, 24"	EA	1.00		1.00	\$ 46,550.00	\$ 46,550.00		\$ -	1.00	1.00	\$ 46,550.00	0.00	100.00%
14	Fire Hydrant Assembly	EA	7.00		7.00	\$ 16,170.00	\$ 113,190.00		\$ -	7.00	7.00	\$ 113,190.00	0.00	100.00%
STREETS AND RELATED WORK														
15	Removal of Sidewalk	SY	200.00		200.00	\$ 14.00	\$ 2,800.00		\$ -	198.08	198.08	\$ 2,773.12	1.92	99.04%
16	Removal of Recreational Trail	SY	660.00		660.00	\$ 14.00	\$ 9,240.00		\$ -	50.00	50.00	\$ 700.00	610.00	5.81%
17	Recreational Trail PCC, 6"	SY	660.00		660.00	\$ 72.00	\$ 47,520.00		\$ -	50.00	50.00	\$ 3,600.00	610.00	5.81%
18	Sidewalk, PCC, 4"	SY	240.00		240.00	\$ 60.00	\$ 14,400.00		\$ -	243.66	243.66	\$ 14,619.60	(3.66)	103.61%
19	Subbase Over-Excavation	TON	55.00		55.00	\$ 56.00	\$ 3,080.00		\$ -	34.76	34.76	\$ 1,946.56	20.24	63.20%
20	Granular Surfacing, Class A	TON	50.00		50.00	\$ 42.00	\$ 2,100.00		\$ -	0.00	0.00	\$ -	50.00	0.00%
21	Handhole, Type III	EA	3.00		3.00	\$ 3,220.00	\$ 9,660.00		\$ -	0.00	0.00	\$ -	3.00	0.00%
22	Conduit, 2"	LF	2,340.00		2,340.00	\$ 35.00	\$ 81,900.00		\$ -	0.00	0.00	\$ -	2,340.00	0.00%
TRAFFIC CONTROL														
23	Temporary Traffic Control	LS	1.00		1.00	\$ 17,500.00	\$ 17,500.00		\$ -	0.95	0.95	\$ 16,625.00	0.05	95.00%
SITE WORK AND LANDSCAPING														
24	Conventional Seeding, Type 1	AC	2.30		2.30	\$ 3,600.00	\$ 8,280.00	1.20	\$ 4,320.00	1.11	2.31	\$ 8,316.00	(0.01)	100.43%
25	Hydraulic Seeding, Type 5 (Erosion Control)	AC	2.30		2.30	\$ 3,600.00	\$ 8,280.00		\$ -	0.00	0.00	\$ -	2.30	0.00%
26	Wattles, 9"	LF	6,400.00		6,400.00	\$ 2.00	\$ 12,800.00	500.00	\$ 1,000.00	448.00	4,908.00	\$ 9,816.00	1,492.00	76.89%
27	Wattles, Removal	LF	6,400.00		6,400.00	\$ 1.00	\$ 6,400.00		\$ -	0.00	0.00	\$ -	6,400.00	0.00%
28	Erosion Control Mulching Hydromulching	AC	4.60		4.60	\$ 3,600.00	\$ 16,560.00	2.29	\$ 8,244.00	0.45	2.74	\$ 9,864.00	1.86	59.57%
29	Erii Protection Device	EA	7.00		7.00	\$ 180.00	\$ 1,260.00		\$ -	10.00	10.00	\$ 1,800.00	(3.00)	142.86%
30	Tree Protection Fence	LF	750.00		750.00	\$ 6.00	\$ 4,500.00		\$ -	230.78	230.78	\$ 1,384.68	519.22	30.77%
MISCELLANEOUS														
31	Mobilization	LS	1.00		1.00	\$ 81,000.00	\$ 81,000.00		\$ -	1.00	1.00	\$ 81,000.00	0.00	100.00%
32	Concrete Washout	LS	1.00		1.00	\$ 7,000.00	\$ 7,000.00		\$ -	0.50	0.50	\$ 3,500.00	0.50	50.00%
CHANGE ORDER ITEMS														
STORED MATERIALS														
					Qty Purchased & Received			New Stored - Qty Used This Period		Stored Qty - Qty Used Previously	Stored Qty - Running Totals		Stored Qty Unused	% Stored Qty Unused
	Fitting, 24" 11-114 Bend	EA			10.00	\$ 1,720.00	\$ 17,200.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Fitting, 24" Solid Sleeve	EA			10.00	\$ 1,355.93	\$ 13,559.30	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Fitting, 24" Tee	EA			7.00	\$ 2,101.48	\$ 14,710.36	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Joint Restraint, 24"	EA			74.00	\$ 459.26	\$ 33,985.24	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Valve Box	EA			8.00	\$ 230.28	\$ 1,842.28	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Holding Spool, 24"x6"	EA			7.00	\$ 218.82	\$ 1,531.74	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Casing Spacers, 24"	EA			15.00	\$ 250.18	\$ 3,752.70	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	End Sock, 30"x24"	EA			2.00	\$ 104.00	\$ 208.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Gate Valve, 24"	EA			1.00	\$ 28,168.79	\$ 28,168.79	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Joint Restraint, Bolt & Gasket Kit, 24"	EA			74.00	\$ 158.54	\$ 11,731.96	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Joint Restraint, Bolt & Gasket Kit, 6"	EA			21.00	\$ 20.71	\$ 434.91	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Pipe, 24" C900 PVC, 20'	LF			3,920.00	\$ 178.55	\$ 698,840.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Tracer Wire, Direct Bury	LF			4,000.00	\$ 0.21	\$ 840.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Tracer Wire, Trenchless	LF			5,000.00	\$ 0.35	\$ 1,750.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Tracer Box	EA			7.00	\$ 22.50	\$ 157.50	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Service Saddle, 24"x1"	EA			3.00	\$ 381.18	\$ 1,143.54	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Fitting, 24" 45 Bend	EA			8.00	\$ 1,950.00	\$ 15,600.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Hydrant, 7 ft	EA			0.00	\$ 3,290.02	\$ -	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Hydrant, 8 ft & 10 ft	EA			1.00	\$ 3,692.48	\$ 3,692.48	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Pipe, 24" C900 PVC, 47 Cert-Lok	LF			6,040.00	\$ 188.50	\$ 1,139,940.00	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Valve Box Extension	EA			8.00	\$ 82.17	\$ 657.36	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Gate Valve, 6"	EA			7.00	\$ 860.10	\$ 6,020.70	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%
	Hydrant, 6 ft	EA			6.00	\$ 3,115.87	\$ 18,695.22	0.00	\$ -	0.00	0.00	\$ -	0.00	0.00%

TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK

CONTRACT = \$ 4,962,720.00 PAY PERIOD = \$ 13,564.00

COMPLETED = \$ 4,738,688.58

55.52%

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

DIVISION 2 - DRAINAGE IMPROVEMENTS

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
	EARTHWORK													
33	Clearing and Grubbing, Select Trees	UNIT	1,500.00		1,500.00	\$ 18.00	\$ 27,000.00		\$ -	2258.40	2,258.40	\$ 40,651.20	(758.40)	150.56%
34	Clearing and Grubbing, General	LS	1.00		1.00	\$ 72,000.00	\$ 72,000.00		\$ -	1.00	1.00	\$ 72,000.00	0.00	100.00%
35	Excavation, Class 10	CY	4,672.00		4,672.00	\$ 35.00	\$ 163,520.00		\$ -	4672.00	4,672.00	\$ 163,520.00	0.00	100.00%
	TRENCH EXCAVATION AND BACKFILL													
36	Trench Foundation	TON	10.00		10.00	\$ 56.00	\$ 560.00		\$ -	16.64	16.64	\$ 931.84	(6.64)	166.40%
37	Trench Compaction Testing	LS	1.00		1.00	\$ 1,400.00	\$ 1,400.00		\$ -	1.00	1.00	\$ 1,400.00	0.00	100.00%
	SEWERS AND DRAINS													
38	Storm Sewer, Trenched, RCP, 15"	LF	30.00		30.00	\$ 168.00	\$ 5,040.00		\$ -	36.38	36.38	\$ 6,111.84	(6.38)	121.27%
39	Pipe Apron Guard, 24"	EA	6.00		6.00	\$ 2,870.00	\$ 17,220.00	6.00	\$ 17,220.00	0.00	6.00	\$ 17,220.00	0.00	100.00%
	STRUCTURES FOR SANITARY AND STORM SEWERS													
40	Manhole, SW-401, 46"	EA	1.00		1.00	\$ 6,160.00	\$ 6,160.00		\$ -	1.00	1.00	\$ 6,160.00	0.00	100.00%
41	Intake, SW-503	EA	1.00		1.00	\$ 6,650.00	\$ 6,650.00		\$ -	1.00	1.00	\$ 6,650.00	0.00	100.00%
42	Intake, SW-506	EA	1.00		1.00	\$ 9,170.00	\$ 9,170.00		\$ -	1.00	1.00	\$ 9,170.00	0.00	100.00%
43	Intake, SW-509	EA	1.00		1.00	\$ 7,385.00	\$ 7,385.00		\$ -	1.00	1.00	\$ 7,385.00	0.00	100.00%
44	Remove Intake	EA	1.00		1.00	\$ 1,400.00	\$ 1,400.00		\$ -	1.00	1.00	\$ 1,400.00	0.00	100.00%
	STREETS AND RELATED WORK													
45	Full Depth Patch, PCC	SY	210.00		210.00	\$ 161.00	\$ 33,810.00		\$ -	191.18	191.18	\$ 30,779.98	18.82	91.04%
46	Subbase Over-Excavation	TON	35.00		35.00	\$ 56.00	\$ 1,960.00		\$ -	34.76	34.76	\$ 1,946.56	0.24	99.31%
47	Granular Surfacing, Class A	TON	50.00		50.00	\$ 42.00	\$ 2,100.00		\$ -	0.00	0.00	\$ -	50.00	0.00%
	TRAFFIC CONTROL													
48	Temporary Traffic Control	LS	1.00		1.00	\$ 10,500.00	\$ 10,500.00		\$ -	1.00	1.00	\$ 10,500.00	0.00	100.00%
	SITE WORK AND LANDSCAPING													
49	Conventional Seeding, Type 1	AC	0.10		0.10	\$ 3,600.00	\$ 360.00		\$ -	0.40	0.40	\$ 1,440.00	(0.30)	400.00%
50	Conventional Seeding, Type 3	AC	3.30		3.30	\$ 3,600.00	\$ 11,880.00	1.09	\$ 3,924.00	3.58	4.67	\$ 16,812.00	(1.37)	141.52%
51	Hydraulic Seeding, Type 3, BFM	AC	1.30		1.30	\$ 5,400.00	\$ 7,020.00		\$ -	0.00	0.00	\$ -	1.30	0.00%
52	Hydraulic Seeding, Type 5 (Erosion Control)	AC	4.70		4.70	\$ 3,600.00	\$ 16,920.00		\$ -	2.20	2.20	\$ 7,920.00	2.50	46.81%
53	Temporary RECP, Type 2	SY	500.00		500.00	\$ 3.00	\$ 1,500.00		\$ -	0.00	0.00	\$ -	500.00	0.00%
54	Wattles, 9"	LF	1,500.00		1,500.00	\$ 2.00	\$ 3,000.00		\$ -	4825.00	4,825.00	\$ 9,650.00	(3,325.00)	321.67%
55	Wattles, Removal	LF	1,500.00		1,500.00	\$ 1.00	\$ 1,500.00		\$ -	0.00	0.00	\$ -	1,500.00	0.00%
56	Check Dam, Rock	TON	50.00		50.00	\$ 70.00	\$ 3,500.00		\$ -	19.49	19.49	\$ 1,364.30	30.51	38.98%
57	Rip Rap, Class E	TON	3,660.00		3,660.00	\$ 78.00	\$ 285,480.00		\$ -	1522.37	1,522.37	\$ 118,745.16	2,137.63	41.59%
58	Silt Fence	LF	500.00		500.00	\$ 3.00	\$ 1,500.00		\$ -	1191.53	1,191.53	\$ 3,574.59	(691.53)	238.31%
59	Silt Fence, Removal	LF	500.00		500.00	\$ 1.00	\$ 500.00		\$ -	0.00	0.00	\$ -	500.00	0.00%
60	Erosion Control Mulching, Hydremulching	AC	9.00		9.00	\$ 3,600.00	\$ 32,400.00		\$ -	6.70	6.70	\$ 24,120.00	2.30	74.44%
	DENOUITION													
61	Remove Pedestrian Bridge	EA	10.00		10.00	\$ 5,250.00	\$ 52,500.00		\$ -	10.00	10.00	\$ 52,500.00	0.00	100.00%
62	Tree Protection Fence	LF	750.00		750.00	\$ 7.00	\$ 5,250.00		\$ -	0.00	0.00	\$ -	750.00	0.00%
	MISCELLANEOUS													
63	Mobilization	LS	1.00		1.00	\$ 25,000.00	\$ 25,000.00		\$ -	1.00	1.00	\$ 25,000.00	0.00	100.00%
64	Concrete Washout	LS	1.00		1.00	\$ 3,500.00	\$ 3,500.00		\$ -	1.00	1.00	\$ 3,500.00	0.00	100.00%
	CHANGE ORDER ITEMS													
					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%

TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK

CONTRACT = \$ 817,685.00 PAY PERIOD = \$ 21,144.00

COMPLETED = \$ 640,452.47

78.33%



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:
Consider motion to approve Payment #8 in the amount of \$47,803.20 to SVPA Architects Inc. for design services associated with the Ankeny Fire Station No. 4 project.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:
Recommend approval of the Pay Application as presented.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Pay Application

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: Fire Station No. 4
Contractor: Savage-Ver Ploeg & Associates, Inc., dba SVPA Architects Inc.
Address: 1466 28th Street, Suite 200, West Des Moines, IA 50266
Finance Budget Code: 901.1901.4210 **Finance Project Code:** 901
Vendor Project or Invoice #: 23019.00 / # 39060 **PO #**
Original Contract Date: March 6, 2023 **Vendor #** 1859

Date of Council Meeting 18-Dec-23 ✓ **PAYMENT REQUEST #** 8 ✓
PAYMENT PERIOD: From: 10/30/23 through: 12/03/23

Contract Summary

Original Contract Amount:	\$	348,400.00	
Net change by Change Orders:	\$	12,500.00	
Contract Amount to Date: (line 1 ± 2)	\$	360,900.00	
Total completed and stored to date:	\$	207,994.80	
Retainage: 0 % of Completed Work:	\$	-	
Total Earned less Retainage:	\$	207,994.80	
Less previous applications for payment:	\$	160,333.68 ✓	
SUBTOTAL	\$	47,661.12 ✓	
OTHER CHARGES (Please attach an itemized list)	\$	142.08	
CURRENT PAYMENT DUE	\$	47,803.20 ✓	
Balance to finish, including retainage:	\$	152,905.20 ✓	

Contract Time Remaining (If applicable) -

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval:

Firm Name

Signature

Date

Engineer/Consultant Approval: SVPA Architects

Firm Name

Signature

12/8/2023

Date

City of Ankeny Staff Approval

Signature

12/12/2023

Date

Submit to: Mike Schrock, Assistant City Manager

Email: mschrock@ankenyiowa.gov **Phone:** 515-965-6420 **Fax:**



www.svpa-architects.com
Phone 515.327.5990

1466 28th Street, Suite 200
West Des Moines, Iowa 50266

Mike Schrock
City of Ankeny
410 West First Street
Ankeny, IA 50023-0944

December 8, 2023
Project No: 23019.00
Invoice No: 0039136

Project 23019.00 Ankeny Fire Station #4
Beyond Fee: Snyder & Associates Survey Services \$4,600.

Professional Services from October 30, 2023 to December 3, 2023

Phase 03 Schematic Design
Fee

Billing Phase	Fee	Percent Complete	Earned
Schematic Design	52,260.00	100.00	52,260.00
Design Development	69,680.00	100.00	69,680.00
Construction Documents	132,392.00	65.00	86,054.80
Bidding/Negotiation	6,968.00	0.00	0.00
Construction Administration	87,100.00	0.00	0.00
Amendment #1	12,500.00	0.00	0.00
Total Fee	360,900.00		207,994.80
		Previous Fee Billing	160,333.68
		Current Fee Billing	47,661.12
		Total Fee	47,661.12
		Total this Phase	\$47,661.12

Phase 05 Construction Documents

Reimbursable Expenses

Printing	142.08	
Total Reimbursables	142.08	142.08
	Total this Phase	\$142.08
	Total this Invoice	\$47,803.20 ✓

Billings to Date

	Current	Prior	Total
Fee	47,661.12	160,333.68	207,994.80

Project	23019.00	Ankeny Fire Station #4	Invoice	0039136
Consultant	0.00	4,600.00	4,600.00	
Expense	142.08	625.63	767.71	
Unit	0.00	209.61	209.61	
Totals	47,803.20	165,768.92	213,572.12	

Authorized By: Robert F. Ormsby

Robert Ormsby



m-vogl@svpa-architects.com

Invoice Total \$12,250.00

Robert Ormsby
SVPA Architects, Inc.
1466 28th Street, Suite 200
West Des Moines, IA 50266

November 13, 2023
Invoice No: 23002142.00 - 5
Project #:
PO #:
Contract #:
Work Order #:

Project 23002142.00 City of Ankeny, IA / Ankeny, IA / Ankeny Fire Station #4
Fixed Fee \$122,500 Plus Expenses
Professional Services from October 16, 2023 to November 12, 2023
Fee

Phase	Fee	%	Fee Earned	Previous Billing	Current Billing
MEPT Schematic Design	14,025.00	100.00	14,025.00	14,025.00	0.00
Structural Construction Admin.	5,800.00	0.00	0.00	0.00	0.00
Structural Schematic Design	4,350.00	100.00	4,350.00	4,350.00	0.00
MEPT Design Development	18,700.00	100.00	18,700.00	18,700.00	0.00
Structural Design Development	5,800.00	100.00	5,800.00	5,800.00	0.00
MEPT Construction Docs	37,400.00	50.00	18,700.00	9,350.00	9,350.00
Structural Construction Docs	11,600.00	50.00	5,800.00	2,900.00	2,900.00
MEPT Bidding	4,675.00	0.00	0.00	0.00	0.00
Structural Bidding	1,450.00	0.00	0.00	0.00	0.00
MEPT Construction Admin.	18,700.00	0.00	0.00	0.00	0.00
Total Fee	122,500.00		67,375.00	55,125.00	12,250.00
Total Fee					12,250.00
			Total this Invoice		<u>\$12,250.00</u>

Please direct any questions to accountsreceivable@imegcorp.com. If you would like to pay your invoice by credit card, please click on the hyperlink below. Please note, this is available for US clients only. You may also find a 'Pay Now' button on our website at imegcorp.com.

Click here to [Pay via credit card](#).

** For payments by check, please reference invoice number on remittance stub and mail to:

IMEG
623 26th Avenue
Rock Island, IL 61201

NOTICE TO U.S. CUSTOMERS PAYING WITH CREDIT CARD:

Effective October 1, 2023, IMEG imposes a surcharge of 3% when paying with a credit card, which is not greater than our cost of acceptance. The adjustment will appear on your receipt. We do not surcharge debit cards. Any payments made with a debit card, check/cash, or ACH will not include a surcharge.

623 26th Avenue, Rock Island, IL 61201
309.788.0673 Fax: 309.786.5967 imegcorp.com



IOWA | MISSOURI | NEBRASKA | SOUTH DAKOTA | WISCONSIN

INVOICE FOR PROFESSIONAL SERVICES

November 30, 2023

Bob Ormsby
SVPA Architects, Inc.
1466 28th Street
Suite 200
West Des Moines, IA 50266

Invoice No: 123.0384.01 - 6

Email m-vogl@svpa-architects.com

Project 123.0384.01 Ankeny Fire Station No. 4

Professional Services through October 31, 2023

Basic Services
Lump Sum Fees

	Contract Amount	% Compl	Total Billed to Date	Previous Billed	Current Billed
Survey Services	4,600.00	100.00	4,600.00	4,600.00	0.00
Final Plat	4,200.00	90.00	3,780.00	0.00	3,780.00
Preliminary Design	14,600.00	100.00	14,600.00	14,600.00	0.00
Storm Water Management Plan	3,800.00	90.00	3,420.00	2,850.00	570.00
Final Design and Const. Docs	15,200.00	90.00	13,680.00	7,600.00	6,080.00
Bidding Assistance	1,000.00	0.00	0.00	0.00	0.00
Total Fee	43,400.00		40,080.00	29,650.00	10,430.00
Total Lump Sum Fees					10,430.00

Fleet Mileage 0.00

Phase Subtotal \$10,430.00

	Total	Prior	Current
Billings to Date	40,080.00	29,650.00	10,430.00

Additional Services

Fuel Station Alternate

Task Subtotal	0.00
Phase Subtotal	0.00

Construction Services

Construction Admin

Task Subtotal	0.00
Phase Subtotal	0.00

Direct Expense

Submittal Fees

Task Subtotal	0.00
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REMIT TO: SNYDER & ASSOCIATES, INC.
Mailing: PO Box 1159 | Ankeny, IA 50021
Physical: 2727 SW Snyder Blvd. | Ankeny IA 50023

p: 888-964-2020 | f: 515-964-7938
Federal E.I.N. 42-1379015
SNYDER-ASSOCIATES.COM

Project	123.0384.01	SVPA-AnkenyFireStationNo4	Invoice	6
Phase Subtotal			0.00	
Amount Due this Invoice			<u>\$10,430.00</u>	

	Total	Prior	Current
Billings to Date	40,080.00	29,650.00	10,430.00

Thank you. We appreciate the opportunity to serve you.

Accounts Receivable Inquiry: ar@snyder-associates.com

Project Manager: Eric Cannon

STECKER-HARMSSEN, Inc.

510 S. 17th Street, Suite 110

Ames, IA 50010-0884

SVPA Architects, Inc.

Attn: Meaghn Vogl

1466 28th Street, Suite 200

West Des Moines, IA 50266

Date	Invoice #
11/21/2023	5240

Project Manager

Bob Ormsby

Description	Fee	Total %	Billed to Date	Amount
Project: Ankeny Fire Station #4 City of Ankeny Ankeny, Iowa				
Prepare cost estimates for the referenced project per our proposal dated January 27, 2023.				
Schematic Design Documents	3,910.00	100.00%	3,910.00	0.00
Design/Development Documents	8,625.00	100.00%		8,625.00
95% Construction Documents (CD)	12,075.00	0.00%		0.00
THANK YOU, Your business is appreciated. If you need to reach us our phone number is 515-232-4638.		Total		\$8,625.00



DB Reprographics, Inc.
1207 Highland Ct.
Ste.B
Reprographics, Inc. Iowa City, IA 52240

Phone #	Fax #
319-359-1069	319-359-1068

Invoice

Date	Invoice #
12/1/2023	7439

Bill To
SVPA-Architects 1466 28th St., Suite 200 West Des Moines, IA 50266

P.O. No.	PROJ. NAME	PROJ. #
	Ankeny FS #4	23019

Quantity	Description	Rate	Amount
186	Set-up & 1st Set Charge 1-4,999 sq.ft. (1 set of 31 - 6 sq.'s)	0.40	74.40T
186	Additional Sets with 1-999sq.ft. (1 set of 31 - 6 sq.'s)	0.24	44.64T
1	Local delivery of Printed Materials	15.00	15.00T
	* To be delivered to John Staska 1312 Copper Mountain Dr. *		
	Attn: Karen Wood Sales Tax	6.00%	8.04

Thank you for your business!

Total \$142.08



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Finance

COUNCIL GOAL:

ACTION REQUESTED:

Motion

LEGAL:

SUBJECT:

Consider motion to approve the December 18, 2023 Accounts Payable.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

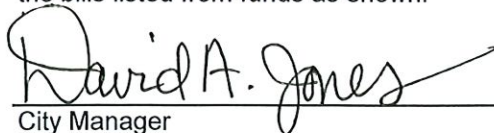
Click to download
 AP Recap
 AP Check Report

**CITY OF ANKENY
ACCOUNTS PAYABLE RECAP
DECEMBER 18, 2023**

Fund		PAYMENTS
100	General Fund	\$ 213,968.57
220	Fire Gift Fund	-
233	Hotel Motel Tax Fund	444,743.38
240	Parks Improvements	-
250	Police Gift Fund	-
260	Road Use Tax Fund	42,772.69
270	Seizure Fund	-
280	Tax Increment Financing Fund	44,649.00
284	Economic Development Fund	-
290	Police/Fire Pension Fund	1,184.00
300	Debt Service Fund	1,800.00
430	Library Foundation Fund	142.87
440	Park Dedication Trust Fund	-
445	Sports Complex Foundation Fund	-
446	Ankeny Garden Club	-
448	Miracle Park Fund	-
449	Dog Park Trust Fund	-
484	Civic Trust Fund	-
491	Ankeny Foundation Fund	-
500	Solid Waste Fund	105,700.28
510	Water Fund	962,489.99
520	Water Improvement Fund	-
530	Water Sinking Fund	550.00
550	Sewer Fund	621,241.90
560	Sewer Improvement Fund	-
570	Sewer Sinking Fund	-
580	Stormwater Fund	18,489.35
590	Golf Course Fund	15,394.74
600-699	Enterprise Project Funds	341,649.00
710	Revolving Fund	59,548.14
720	Risk Management Fund	49,368.51
730	Health Insurance Fund	216.00
770	Sustainability Revolving Loan	-
780	Economic Development Revolving	-
790	Equipment Reserve Fund	-
800-880,890	Special Assessments Funds	-
900	BAN/Bond Activity Fund	-
882-998	Capital Projects Funds	1,690,932.94
Sub Total		\$ 4,614,841.36
Payroll Totals		1,462,402.36
Service Transfers/ACH Drafts		(207,568.90)
Agenda Payments Approved Separately		(1,965,329.67)
Grand Total		<u>\$ 3,904,345.15</u>

Honorable Mayor & City Council:

It is my recommendation that the City Council approve payment of the bills listed from funds as shown.


City Manager

12/14/2023
Date

VENDOR SET: 01 City of Ankeny
BANK: * ALL BANKS
DATE RANGE: 12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
C-CHECK	VOID CHECK	V	12/18/2023			246077		
C-CHECK	VOID CHECK	V	12/18/2023			246117		

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	2 VOID DEBITS	0.00		
	VOID CREDITS	0.00	0.00	

TOTAL ERRORS: 0

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
VENDOR SET: 01 BANK: TOTALS:	2	0.00	0.00	0.00
BANK: TOTALS:	2	0.00	0.00	0.00

VENDOR SET: 01 City of Ankeny
BANK: APFNB FIRST NATIONAL BANK AMES
DATE RANGE:12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK	INVOICE	DISCOUNT	CHECK	CHECK	CHECK
			DATE	AMOUNT		NO	STATUS	AMOUNT
001844	A TECH INC-TCI							
I-604757	SECURITY SERVICE CALL-OC	E	12/20/2023	100.00		008450		100.00
	*** VENDOR TOTALS ***					1 CHECKS		100.00
004997	ABSOLUTE CONCRETE CONSTRUCTION							
I-PAY 5-GTWY TRL	PAY 5-ORLBR GTWY TRL ST UNDRPS	R	12/18/2023	345,787.70		246050		345,787.70
004997	ABSOLUTE CONCRETE CONSTRUCTION							
I-PAY1FNL-23PERMSRF	PAY1FNL-23 PERM SURFCE RSTRE	R	12/18/2023	100,478.65		246051		100,478.65
004997	ABSOLUTE CONCRETE CONSTRUCTION							
I-RTNG-23PERMSURF	RTNG-23 PERM SURFACE RSTORE	R	12/18/2023	5,288.35		246052		5,288.35
	*** VENDOR TOTALS ***					3 CHECKS		451,554.70
008578	ACCESS TECHNOLOGIES INC							
I-INV1479687	PRINT CARTRIDGE - IT	R	12/18/2023	73.99		246053		
I-INV1480744	10/31/23-11/29/23 STATEMENT	R	12/18/2023	1,592.30		246053		1,666.29
	*** VENDOR TOTALS ***					1 CHECKS		1,666.29
000164	G & S HARDWARE INC							
I-209454/2	SMALL ENGINE PARTS- PKS	R	12/18/2023	23.98		246054		
I-209466/2	BUILDING SUPPLIES - MU	R	12/18/2023	38.45		246054		
I-209485/2	FASTENERS/NUTS - PRSC	R	12/18/2023	1.93		246054		
I-209489/2	CHAIN SAW PARTS-PRSC	R	12/18/2023	26.99		246054		
I-209491/2	PROPANE - PW	R	12/18/2023	97.98		246054		
I-209492/2	LIGHT CONTROL - PKS	R	12/18/2023	17.99		246054		207.32
	*** VENDOR TOTALS ***					1 CHECKS		207.32
005541	ACUSHNET COMPANY							
I-916932319	MERCHANDISE FOR RESALE-OC	R	12/18/2023	529.60		246055		529.60
	*** VENDOR TOTALS ***					1 CHECKS		529.60
000026	AHLERS & COONEY PC							
I-855516	SVCS 11/15/23 SE DEL AVE SE 54	E	12/20/2023	1,900.00		008431		
I-855517	SVCS 11/15/23 NW NTHLWN UTLTY	E	12/20/2023	1,900.00		008431		
I-856576	SVCS 11/15/23 AMEND 13 1989 ED	E	12/20/2023	780.00		008431		4,580.00
	*** VENDOR TOTALS ***					1 CHECKS		4,580.00
000226	AIRGAS NORTH CENTRAL INC							
I-5502893871	CYLINDER RENTALS - CG	R	12/18/2023	54.41		246056		
I-9144521707	OXYGEN - FD	R	12/18/2023	58.80		246056		113.21
	*** VENDOR TOTALS ***					1 CHECKS		113.21

VENDOR SET: 01 City of Ankeny
BANK: APFNB FIRST NATIONAL BANK AMES
DATE RANGE:12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
011840	ALL AMERICAN FIRE EQUIPMENT IN							
I-402837	MINOR EQUIP - FD	R	12/18/2023	68.64		246057		68.64
	*** VENDOR TOTALS ***					1 CHECKS		68.64
009679	ALL STAR CONCRETE LLC							
I-PAY5FNL-23PCCRECON	PAY 5 FINAL-23 PCC RECON PRGM	R	12/18/2023	660.12		246058		660.12
009679	ALL STAR CONCRETE LLC							
I-RTNG-23PCCRECON	RTNG-2023PCC RECON PRGRM 8TH	R	12/18/2023	31,626.43		246059		31,626.43
	*** VENDOR TOTALS ***					2 CHECKS		32,286.55
002678	ALL TRAFFIC SOLUTIONS, INC							
I-SIN038926	TRAFFIC SPEED DISPLAY	R	12/18/2023	3,916.00		246060		3,916.00
	*** VENDOR TOTALS ***					1 CHECKS		3,916.00
011844	ALPHA LANDSCAPES, LLC							
I-PAY 1-NW36THWDNG	PAY 1-NW36TH WDNG/ASH-ANKB LND	E	12/20/2023	53,934.59		008506		53,934.59
	*** VENDOR TOTALS ***					1 CHECKS		53,934.59
011228	MERRY E AMANN							
I-10/19/23-12/14/23	10/19/23-12/14/23 TAI CHI	E	12/20/2023	200.00		008515		200.00
	*** VENDOR TOTALS ***					1 CHECKS		200.00
009262	AMAZON CAPITAL SERVICES INC							
C-1GNG-M4DX-Y4T6	CR: BROCHURE HOLDER -KL	E	12/20/2023	17.69CR		008492		
I-139N-CDHP-GMHJ	MULTIMEDIA -KL	E	12/20/2023	174.68		008492		
I-179Q-LVCH-6QH3	MULTIMEDIA-KL	E	12/20/2023	23.98		008492		
I-179Q-LVCH-XFPC	MISC BOOKS -KL	E	12/20/2023	257.31		008492		
I-19YN-VQ7G-VKRF	MULTIMEDIA - KL	E	12/20/2023	24.98		008492		
I-1CGL-V96G-LXLR	MULTIMEDIA - KL	E	12/20/2023	64.90		008492		
I-1CQ9-C1R9-7PMN	MULTIMEDIA - KL	E	12/20/2023	139.76		008492		
I-1DXF-MRWV-CGWC	LOCK SET - FD	E	12/20/2023	55.98		008492		
I-1F1X-GG4M-1MWK	MAGIC TAPE - KL	E	12/20/2023	24.36		008492		
I-1F3J-CQPK-7FDT	MISC BOOKS - KL	E	12/20/2023	16.99		008492		
I-1FD9-FCP7-PRGL	MULTIMEDIA - KL	E	12/20/2023	19.96		008492		
I-1FNN-CMM4-4KGY	SCISORS/SUPPLIES -KL	E	12/20/2023	23.08		008492		
I-1G71-WHPT-176K	TREE LIGHTING SUPPLIES	E	12/20/2023	143.54		008492		
I-1GCD-Y1W6-DGGC	MULTIMEDIA -KL	E	12/20/2023	17.68		008492		
I-1GKP-TF4N-3YCN	MISC BOOKS - KL	E	12/20/2023	18.99		008492		
I-1H7T-HY3V-6FVJ	BEACH BALLS -ACC	E	12/20/2023	24.49		008492		
I-1HDM-K9PK-HT3M	FAUCETS - PW	E	12/20/2023	515.68		008492		
I-1HDM-K9PK-T3GW	TABLET CASE - IT	E	12/20/2023	191.94		008492		
I-1HX9-3RQQ-4X1H	MISC MULTIMEDIA - KL	E	12/20/2023	14.79		008492		
I-1JL9-94DQ-3YFQ	MAYORS YOUTH COUNCIL-P&R	E	12/20/2023	32.98		008492		
I-1JR3-RJQF-4L69	PLANNER - HR	E	12/20/2023	6.99		008492		
I-1K3K-K94W-NDCL	FIBER DETECTOR - TRAFFIC	E	12/20/2023	150.00		008492		
I-1KW3-Q1HR-6V79	BROCHURE HOLDER -KL	E	12/20/2023	17.69		008492		
I-1MRM-X7HD-LQ63	BALLOON GARLAND - KL	E	12/20/2023	48.85		008492		

VENDOR SET: 01 City of Ankeny
 BANK: APFNB FIRST NATIONAL BANK AMES
 DATE RANGE: 12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
I-1MRP-JLVJ-4VHR	MULTIMEDIA - KL	E	12/20/2023	129.76		008492		
I-1NL9-4C7C-1FMK	MAYORS YOUTH COUNCIL SUPS-P&R	E	12/20/2023	220.94		008492		
I-1P3K-TK3R-XTDL	CLOCK/BALLS/MISC-ACC	E	12/20/2023	65.96		008492		
I-1PYV-P9PV-QGDF	FABRIC WINTER CHRISTMAS-KL	E	12/20/2023	12.99		008492		
I-1Q79-9CMV-LLFQ	SSD - PD	E	12/20/2023	191.96		008492		
I-1RD6-177V-V6M7	MISC BOOKS - KL	E	12/20/2023	15.29		008492		
I-1RPG-H7HM-4PYD	MISC BOOKS - KL	E	12/20/2023	15.29		008492		
I-1RY4-NDVR-R9JK	WATER FILTER - FD	E	12/20/2023	139.94		008492		
I-1T7R-JFJ7-1LYD	CABINET FOR RENTAL SUPPLIES-KL	E	12/20/2023	89.00		008492		
I-1THP-KMDP-1D1L	MISC BOOKS - KL	E	12/20/2023	70.12		008492		
I-1TT7-Q6PF-R9FQ	MISC BOOKS -KL	E	12/20/2023	243.75		008492		
I-1W6L-Q3R4-VF9R	MULTIMEDIA -KL	E	12/20/2023	39.96		008492		
I-1WLH-33PY-NHLD	SPRAYERS - PD	E	12/20/2023	61.60		008492		
I-1X1D-RMQ1-L3X7	BOOK CLUB BOOKS - KL	E	12/20/2023	142.87		008492		
I-1XNW-CYYP-NDVL	MULTIMEDIA -KL	E	12/20/2023	238.59		008492		
I-1Y17-WDHT-4MCX	BROCHURE HOLDER - KL	E	12/20/2023	17.69		008492		
I-1Y17-WDHT-VHNR	CREDIT CARD TAPE-WTR CUST SVC	E	12/20/2023	9.80		008492		
I-1YJD-F6NM-4JC3	CLEANING SUPPLIES - KL	E	12/20/2023	48.70		008492		
I-1YJD-F6NM-HFX6	MAYORS YOUTH COUNCIL-P&R	E	12/20/2023	43.98		008492		
I-1YX9-7X3W-FD4N	TRAINING BOOKS - FD	E	12/20/2023	159.98		008492		3,950.08
	*** VENDOR TOTALS ***					1 CHECKS		3,950.08
001439	AMERICAN MARKING INC							
I-0033490	LIBRARY HOURS SIGNS-KL	R	12/18/2023	41.00		246061		41.00
	*** VENDOR TOTALS ***					1 CHECKS		41.00
011895	ANDREW'S ROOFING COMPANY							
I-I-5436	ROOF REPAIR - MU	E	12/20/2023	1,800.00		008508		1,800.00
	*** VENDOR TOTALS ***					1 CHECKS		1,800.00
000045	ANKENY BUSINESS & INDUSTRY COL							
I-62	FY24 ABIC MEMBERSHIP	E	12/20/2023	2,500.00		008432		2,500.00
	*** VENDOR TOTALS ***					1 CHECKS		2,500.00
000043	ANKENY COMMUNITY SCHOOLS							
I-FY24 #6 DEC GYM	DECEMBER 2023 GYM USE PMT	R	12/18/2023	5,700.00		246062		5,700.00
	*** VENDOR TOTALS ***					1 CHECKS		5,700.00
000057	ARNOLD MOTOR SUPPLY							
I-15NV166513	ANTIFREEZE-OCM	R	12/18/2023	9.49		246063		
I-15NV166660	SMART STRAW -OCM	R	12/18/2023	21.48		246063		30.97
	*** VENDOR TOTALS ***					1 CHECKS		30.97

VENDOR SET: 01 City of Ankeny
BANK: APFNB FIRST NATIONAL BANK AMES
DATE RANGE:12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
008024	AUREON COMMUNICATIONS LLC							
I-12/2023	12/01/23-12/31/23 STATEMENT	E	12/20/2023	2,031.14		008487		2,031.14
	*** VENDOR TOTALS ***					1 CHECKS		2,031.14
008057	BACKFLOW SOLUTIONS INC							
I-8664	FY24 ANNUAL BSI ONLINE SUB	R	12/18/2023	495.00		246064		495.00
	*** VENDOR TOTALS ***					1 CHECKS		495.00
000067	BAKER & TAYLOR INC							
C-COA102982814	CR: MISC BOOKS -KL	E	12/20/2023	513.92CR		008434		
I-2037844671	MISC BOOKS - KL	E	12/20/2023	733.97		008434		
I-2037959374	MISC BOOKS - KL	E	12/20/2023	527.04		008434		
I-2037968101	MISC BOOKS - KL	E	12/20/2023	234.44		008434		
I-2037972993	MISC BOOKS - KL	E	12/20/2023	301.14		008434		
I-2037975204	MISC BOOKS- KL	E	12/20/2023	1,324.55		008434		
I-2037984262	MISC BOOKS - KL	E	12/20/2023	421.70		008434		3,028.92
	*** VENDOR TOTALS ***					1 CHECKS		3,028.92
007941	CONTROL INSTALLATIONS OF IOWA							
I-141514	DOOR REPAIRS - ACC	E	12/20/2023	325.00		008486		325.00
	*** VENDOR TOTALS ***					1 CHECKS		325.00
006127	BATTERIES PLUS BULBS #203							
I-P68001698	BATTERIES - TRAFFIC	R	12/18/2023	234.15		246065		234.15
	*** VENDOR TOTALS ***					1 CHECKS		234.15
010118	BEACON ATHLETICS LLC							
I-0579308-IN	JOX BOX-PRSC	E	12/20/2023	1,014.00		008498		
I-0581277-IN	BATTING SCREENS-PRSC	E	12/20/2023	1,478.00		008498		2,492.00
	*** VENDOR TOTALS ***					1 CHECKS		2,492.00
006349	HY-VEE INC-BDI							
I-65159	ALCOHOL FOR RESALE-OC	R	12/18/2023	1,356.53		246066		1,356.53
	*** VENDOR TOTALS ***					1 CHECKS		1,356.53
007515	EFFLUENT INC							
I-I8866	NOVEMBER 2023 RENTALS-PKS	R	12/18/2023	77.00		246067		77.00
	*** VENDOR TOTALS ***					1 CHECKS		77.00
009283	BOLTON & MENK, INC							
I-0324828	PSA - FACILITY INSPECTION	R	12/18/2023	10,420.00		246068		
I-0325538 #4	PAY 4-CORP WDS DR/CRSWND SGNL	R	12/18/2023	7,875.00		246068		18,295.00
	*** VENDOR TOTALS ***					1 CHECKS		18,295.00

VENDOR SET: 01 City of Ankeny
BANK: APFNB FIRST NATIONAL BANK AMES
DATE RANGE: 12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
008100	BOMGAARS SUPPLY INC							
I-65173003	BOOTS- SCHENK	R	12/18/2023	140.00		246069		140.00
	*** VENDOR TOTALS ***					1 CHECKS		140.00
009487	BOOT BARN INC							
I-INV00317626	SAFETY APPAREL - PW	E	12/20/2023	242.09		008494		242.09
	*** VENDOR TOTALS ***					1 CHECKS		242.09
005174	BOUND TREE MEDICAL LLC							
I-85156283	EMS SUPPLIES - FD	R	12/18/2023	219.23		246070		
I-85160479	EMS SUPPLIES - FD	R	12/18/2023	11.95		246070		
I-85160480	EMS SUPPLIES - FD	R	12/18/2023	708.87		246070		
I-85160481	EMS SUPPLIES - FD	R	12/18/2023	725.00		246070		
I-85165109	EMS SUPPLIES - FD	R	12/18/2023	957.06		246070		
I-85166973	EMS SUPPLIES - FD	R	12/18/2023	2,709.93		246070		
I-85168682	EMS SUPPLIES - FD	R	12/18/2023	297.90		246070		
I-85168683	EMS SUPPLIES - FD	R	12/18/2023	481.00		246070		
I-85173026	EMS SUPPLIES - FD	R	12/18/2023	655.14		246070		6,766.08
	*** VENDOR TOTALS ***					1 CHECKS		6,766.08
011616	TANYA BOYLE							
I-11/2023-12/2023	11/23-12/23 BTCMP/SNR STRNGTH	E	12/20/2023	437.50		008517		437.50
	*** VENDOR TOTALS ***					1 CHECKS		437.50
004591	GREATER DSM COMMUNITY FOUNDATI							
I-FY24 #2	FY24 #2 HOTEL/MOTEL CONTRBTN	R	12/18/2023	220,949.92		246071		220,949.92
	*** VENDOR TOTALS ***					1 CHECKS		220,949.92
000127	BRICK GENTRY PC							
I-411552	11/25/2023 STATEMENT 224.008	R	12/18/2023	465.00		246072		
I-411553	11/25/23 STATEMENT 224.005	R	12/18/2023	1,005.00		246072		
I-411556	11/25/23 STATEMENT 224.022	R	12/18/2023	8,407.20		246072		
I-411558	11/25/23 STATEMENT 224.003	R	12/18/2023	45.00		246072		
I-411559	11/25/23 STATEMENT 224.011	R	12/18/2023	75.00		246072		9,997.20
	*** VENDOR TOTALS ***					1 CHECKS		9,997.20
008151	BROWN'S SHOE FIT COMPANY							
I-12/04/2023	BOOTS -BOIKE	R	12/18/2023	140.00		246073		140.00
	*** VENDOR TOTALS ***					1 CHECKS		140.00
010643	PATRICIA BROWN							
I-11/2023-12/2023	11/23-12/23 YOGA - ACC	E	12/20/2023	300.00		008514		300.00
	*** VENDOR TOTALS ***					1 CHECKS		300.00

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VENDOR I.D.	NAME	STATUS	CHECK	INVOICE	DISCOUNT	CHECK	CHECK	CHECK
			DATE	AMOUNT		NO	STATUS	AMOUNT
008738	BULB GUY LIGHTING							
I-20712	BULBS-ART CENTER	E	12/20/2023	21.75		008490		
I-20750	BULBS-PD	E	12/20/2023	341.30		008490		
I-20751	BULBS -CH PKNG LOT	E	12/20/2023	134.13		008490		497.18
			*** VENDOR TOTALS ***			1 CHECKS		497.18
011762	CADD MICROSYSTEMS, INC							
I-S030036046	BLUEBEAM RENEWAL	E	12/20/2023	1,962.00		008505		
I-S030036136	BLUEBEAM RENEWAL	E	12/20/2023	1,199.00		008505		3,161.00
			*** VENDOR TOTALS ***			1 CHECKS		3,161.00
004126	CALHOUN-BURNS AND							
I-2023162.00-4	ANNUAL BRIDGE INSPECTION	R	12/18/2023	2,752.40		246074		2,752.40
			*** VENDOR TOTALS ***			1 CHECKS		2,752.40
011675	KERRY LYNN WALTER ASHBY							
I-11/06/23-12/11/23	11/6-12/11/23 ZOOM YOGA	E	12/20/2023	125.00		008503		125.00
			*** VENDOR TOTALS ***			1 CHECKS		125.00
004635	CENTRAL IOWA OFFICIALS LLC							
I-23/24 BBALLOFCLS	ADULT BASKETBALL OFFICIALS	R	12/18/2023	9,600.00		246075		9,600.00
			*** VENDOR TOTALS ***			1 CHECKS		9,600.00
011576	CINTAS CORPORATION							
C-9241244075	CR: MAT RENTALS -ACC	R	12/18/2023	89.01CR		246076		
C-9241244076	CR: MAT RENTALS - ACC	R	12/18/2023	89.01CR		246076		
C-9241244081	CR: MAT RENTALS-ACC	R	12/18/2023	89.01CR		246076		
I-4154919782	5/09/23 SVCS - PSB	R	12/18/2023	69.74		246076		
I-4157705928	6/06/23 SVCS - WATER	R	12/18/2023	421.16		246076		
I-4161413121	7/11/23 SVCS - WATER	R	12/18/2023	197.16		246076		
I-4163310716	8/01/23 SVCS - WATER	R	12/18/2023	213.41		246076		
I-4163310792	8/01/23 SVCS - STREETS	R	12/18/2023	418.89		246076		
I-4164007726	8/08/23 SVCS - WATER	R	12/18/2023	213.41		246076		
I-4164007815	8/08/23 SVCS - STREETS	R	12/18/2023	418.89		246076		
I-4165406138	8/22/23 SVCS - WATER	R	12/18/2023	213.41		246076		
I-4168228237	9/19/23 SVCS - WATER	R	12/18/2023	212.11		246076		
I-4168228360	9/19/23 SVCS - STREETS	R	12/18/2023	1,163.96		246076		
I-4168935410	9/26/23 SVCS - STREETS	R	12/18/2023	411.76		246076		
I-4170382631	MAT RENTALS - KL	R	12/18/2023	149.84		246076		
I-4171056259	10/17/23 SVCS - STREETS	R	12/18/2023	432.67		246076		
I-4172477817	10/31/23 SVCS - WATER	R	12/18/2023	212.11		246076		
I-4173188689	11/07/23 SVCS - WATER	R	12/18/2023	212.11		246076		
I-4173189007	MAT RENTAL - KL	R	12/18/2023	149.84		246076		
I-4173941725	11/14/23 SVCS - WATER	R	12/18/2023	212.11		246076		
I-4174613264	11/20/23 SVCS - WATER	R	12/18/2023	212.11		246076		
I-4174613359	11/20/23 SVCS - STREETS	R	12/18/2023	619.97		246076		
I-4174969785	11/22/23 SVCS - WASTEWATER	R	12/18/2023	140.80		246076		
I-4175359623	UNIFORM RENTALS-OC	R	12/18/2023	47.40		246076		

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			DATE				NO	STATUS	AMOUNT
I-4175365229	11/28/23 SVCS - WATER	R	12/18/2023		212.11		246076		
I-4175365374	RAG/MAT RENTALS -ACC	R	12/18/2023		65.75		246076		
I-4175365432	MAT / UNIFORM RENTALS-PKS	R	12/18/2023		112.83		246076		
I-4175446912	11/29/23 SVCS - WASTEWATER	R	12/18/2023		140.80		246076		
I-4176075018	MAT/UNIFORM RENTALS-OC	R	12/18/2023		56.51		246076		
I-4176079943	12/05/23 SVCS - WATER	R	12/18/2023		212.11		246076		
I-4176079992	12/05/23 SVCS - STREETS	R	12/18/2023		444.47		246076		
I-4176080040	MAT RENTALS - ACC	R	12/18/2023		65.75		246076		
I-4176080122	MAT/UNIFORM RENTAL - PKS	R	12/18/2023		112.83		246076		
I-4176080225	MAT RENTALS - KL	R	12/18/2023		149.84		246076		7,648.83
			*** VENDOR TOTALS ***				1 CHECKS		7,648.83
002726	CITY OF DES MOINES TREASURY								
I-133407	FY24 #7 WRA MONTHLY ALLOCATION	R	12/18/2023		563,129.90		246078		563,129.90
			*** VENDOR TOTALS ***				1 CHECKS		563,129.90
011985	CITY OF GRINNELL								
I-12/05/23	CONTRACT REIMBURSEMENT	R	12/18/2023		2,000.00		246079		2,000.00
			*** VENDOR TOTALS ***				1 CHECKS		2,000.00
002407	CIVIL DESIGN ADVANTAGE LLC								
I-43134 #8	PAY 8-NW36TH ST/WEIGEL DR HMA	E	12/20/2023		45,495.56		008461		
I-43135 #7	PAY 7-OC TRNK SWR EXT-PH4	E	12/20/2023		1,151.00		008461		46,646.56
			*** VENDOR TOTALS ***				1 CHECKS		46,646.56
001732	ROGER CLEVELAND GOLF CO INC								
I-7699227 SO	MERCH FOR RESALE - OC	R	12/18/2023		340.75		246080		340.75
			*** VENDOR TOTALS ***				1 CHECKS		340.75
009223	COMMERCIAL LIGHTING SERVICES I								
I-33779	PARKING LOT LIGHT REPAIRS-PD	R	12/18/2023		859.80		246081		
I-33801	FLAG POLE REPAIRS -KL	R	12/18/2023		465.88		246081		1,325.68
			*** VENDOR TOTALS ***				1 CHECKS		1,325.68
002559	CONSUMERS ENERGY								
I-11/01/23-12/01/23	12/08/2023 STATEMENT	E	12/20/2023		2,733.61		008462		2,733.61
			*** VENDOR TOTALS ***				1 CHECKS		2,733.61
000146	CENTURY HOMES CO								
I-74404IN	ICE MELT - OCM	R	12/18/2023		59.10		246082		59.10
			*** VENDOR TOTALS ***				1 CHECKS		59.10
008858	DAVE'S FIREWOOD AND DISTRIBUTI								
I-315745 A	2023 CIP STORM SEWER	R	12/18/2023		6,000.00		246083		6,000.00

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008858	DAVE'S FIREWOOD AND DISTRIBUTI							
I-315745 B	2023 CIP STORM SEWER	R	12/18/2023	360.00		246084		360.00
008858	DAVE'S FIREWOOD AND DISTRIBUTI							
I-315748	STORM SEWER REPAIR-PRSC	R	12/18/2023	1,300.00		246085		1,300.00
	*** VENDOR TOTALS ***					3 CHECKS		7,660.00
003099	DELL MARKETING L P							
I-10714725716	FY24 - 3RD DELL PC ORDER	R	12/18/2023	17,380.00		246086		17,380.00
	*** VENDOR TOTALS ***					1 CHECKS		17,380.00
000605	DEMCO INC							
I-7404195	DVD ALBUMS/PROTECTOR-KL	E	12/20/2023	210.50		008445		210.50
	*** VENDOR TOTALS ***					1 CHECKS		210.50
000758	DES MOINES IRON & SUPPLY CO							
I-1904681029	WELDING SUPPLIES - OCM	R	12/18/2023	24.25		246087		24.25
	*** VENDOR TOTALS ***					1 CHECKS		24.25
000160	DES MOINES WATER WORKS							
I-000131 11/29/23	11/29/23 STATEMENT	R	12/18/2023	225.00		246088		
I-000186 11/29/23	11/29/23 STATEMENT	R	12/18/2023	1,776.00		246088		
I-005039 11/27/23	11/27/23 STATEMENT	R	12/18/2023	153,867.18		246088		
I-005040 11/27/23	11/27/23 STATEMENT	R	12/18/2023	175,044.81		246088		
I-084542 11/27/23	11/27/23 STATEMENT	R	12/18/2023	79.20		246088		
I-084793 11/27/23	11/27/23 STATEMENT	R	12/18/2023	151,641.48		246088		
I-099890 11/27/23	11/27/23 STATEMENT	R	12/18/2023	176,776.78		246088		
I-101656 11/27/23	11/27/23 STATEMENT	R	12/18/2023	152,575.26		246088		811,985.71
	*** VENDOR TOTALS ***					1 CHECKS		811,985.71
011431	DINNER DELIGHTS							
I-12/03/2023 FREEZER	12/3/23 FREEZER MEAL WRKSH	R	12/18/2023	254.00		246089		254.00
	*** VENDOR TOTALS ***					1 CHECKS		254.00
009477	DIXON ENGINEERING INC							
I-23-1352 #4	PAY 4-DEL DRND STRG RESVR	R	12/18/2023	27,950.00		246090		27,950.00
	*** VENDOR TOTALS ***					1 CHECKS		27,950.00
004568	DOLL DISTRIBUTING LLC							
I-1397078	ALCOHOL FOR RESALE - OC	E	12/20/2023	318.80		008468		318.80
	*** VENDOR TOTALS ***					1 CHECKS		318.80
010136	DRUE WOLFE							
I-12022023	MAYOR'S TREE LIGHTING PHOTOS	R	12/18/2023	200.00		246091		
I-12062023	PHOTOGRAPHY	R	12/18/2023	3,000.00		246091		3,200.00
	*** VENDOR TOTALS ***					1 CHECKS		3,200.00

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VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
006716	TELVENT DTN LLC							
I-6394650	01/01/24-03/31/24 COMMANDER	E	12/20/2023	1,575.00		008481		1,575.00
	*** VENDOR TOTALS ***					1 CHECKS		1,575.00
002155	EASY PICKER GOLF PRODUCTS INC							
I-0198884-IN	PICKER EXPANSION KIT-OC	E	12/20/2023	2,208.19		008457		2,208.19
	*** VENDOR TOTALS ***					1 CHECKS		2,208.19
005340	ELDER CORPORATION							
I-PAY 8-DEL RECON	PAY 8-DEL AVE RECON-5TH/4MCRK	R	12/18/2023	903,093.19		246092		903,093.19
	*** VENDOR TOTALS ***					1 CHECKS		903,093.19
001411	ELECTRIC PUMP							
I-0903873-IN	PUMP MOTOR - MU	E	12/20/2023	23,730.00		008449		23,730.00
	*** VENDOR TOTALS ***					1 CHECKS		23,730.00
000186	ELECTRONIC ENGINEERING							
I-80069324, 80069469	12/2023 STATEMENT - PARK MAINT	E	12/20/2023	296.50		008435		
I-80069325, 80069470	12/2023 STATEMENT - PW	E	12/20/2023	930.00		008435		
I-80069471, 80069326	12/2023 STATEMENT - MU	E	12/20/2023	440.50		008435		
I-80069472	12/2023 STATEMENT-ENGINEERING	E	12/20/2023	26.50		008435		1,693.50
	*** VENDOR TOTALS ***					1 CHECKS		1,693.50
004876	BRENT ESTREM							
I-10/23/23-10/25/23	10/23-10/25/23 TRAVEL REMBSMNT	E	12/20/2023	107.30		008471		107.30
	*** VENDOR TOTALS ***					1 CHECKS		107.30
005478	EXCEL MECHANICAL COMPANY INC							
I-167786	SINK HOOK UPS - FD	E	12/20/2023	1,139.00		008475		
I-167983	ROOF REPAIRS-ACC	E	12/20/2023	332.00		008475		
I-167984	HVAC REPAIRS - ACC	E	12/20/2023	154.50		008475		
I-167985	HVAC REPAIRS - OC	E	12/20/2023	420.00		008475		
I-167986	HVAC REPAIRS - MU	E	12/20/2023	398.90		008475		
I-168028	HVAC REPAIRS - OC	E	12/20/2023	331.65		008475		
I-168174	REPLACE HEATER - PRAC	E	12/20/2023	2,488.00		008475		
I-168178	HVAC REPAIRS -PW	E	12/20/2023	556.00		008475		5,820.05
	*** VENDOR TOTALS ***					1 CHECKS		5,820.05
002285	FASTENAL COMPANY							
I-IADES437003	STREET SUPPLIES - PW	E	12/20/2023	87.26		008460		87.26
	*** VENDOR TOTALS ***					1 CHECKS		87.26
006858	FERGUSON ENTERPRISES INC #1657							
I-0480490	RF UNITS - MU	R	12/18/2023	57,305.20		246093		
I-WW048705	HOSE ASSEMBLY - MU	R	12/18/2023	439.80		246093		57,745.00
	*** VENDOR TOTALS ***					1 CHECKS		57,745.00

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008142	TRACI L FERGUSON							
I-12/09/2023	COOKIES 12/9/23	COOKIE DECORATING CLASS	R 12/18/2023	1,050.00		246094		1,050.00
			*** VENDOR TOTALS ***			1 CHECKS		1,050.00
008513	FREELAND CORPORATION							
I-288157	PAPER - P&R	E	12/20/2023	276.46		008489		276.46
			*** VENDOR TOTALS ***			1 CHECKS		276.46
006511	THE PAPER CORPORATION							
I-246952-00	FLOOR STRIPPER WAX - PK MAINT	R	12/18/2023	641.66		246095		
I-246960-00	WAXING SPIGOTS - PK MAINT	R	12/18/2023	8.94		246095		
I-248451-00	JANITORIAL SUPPLIES-OCM	R	12/18/2023	58.57		246095		
I-248721-00	SAFETY GLASSES/SPLASH-OCM	R	12/18/2023	18.90		246095		728.07
			*** VENDOR TOTALS ***			1 CHECKS		728.07
007648	DAIOHS USA INC							
I-010079	COFFEE SERVICES - PW	E	12/20/2023	103.07		008483		
I-012024	COFFEE SERVICES - CH	E	12/20/2023	105.57		008483		208.64
			*** VENDOR TOTALS ***			1 CHECKS		208.64
010286	AT&T MOBILITY II LLC							
I-11272023 FD	10/20/23-11/19/23	STATEMENT-FD	R 12/18/2023	843.65		246096		843.65
010286	AT&T MOBILITY II LLC							
I-11272023 PD	10/20/23-11/19/23	STATEMENT-PD	R 12/18/2023	1,705.37		246097		1,705.37
			*** VENDOR TOTALS ***			2 CHECKS		2,549.02
002078	FOTH & VAN DYKE LLC							
I-86876	PRAIRIE TRAIL IV WETLAND	E	12/20/2023	540.00		008455		540.00
			*** VENDOR TOTALS ***			1 CHECKS		540.00
000211	GALE							
I-83013679	NOVEMBER LG PRINT DIST 5 PLN	E	12/20/2023	95.63		008436		
I-83035388	DEC TOP SHELF 8 PLAN-KL	E	12/20/2023	158.94		008436		
I-83035626	DECEMBER HIGH OCTANE 8 PLAN	E	12/20/2023	276.65		008436		
I-83038682	DEC DYNAMIC DRAMA 5 PLAN	E	12/20/2023	170.19		008436		
I-83043627	DEC BIOGRAPHY 2 PLAN - KL	E	12/20/2023	51.73		008436		753.14
			*** VENDOR TOTALS ***			1 CHECKS		753.14
003712	GALLS, LLC							
I-026223420	UNIFORMS - PD	R	12/18/2023	104.78		246098		
I-026242570	BATON - PD	R	12/18/2023	235.56		246098		
I-026290732	UNIFORMS - PD	R	12/18/2023	27.95		246098		
I-026308269	UNIFORMS - PD	R	12/18/2023	8.38		246098		
I-026321017	UNIFORMS - FD	R	12/18/2023	214.46		246098		
I-026321041	UNIFORMS - PD	R	12/18/2023	181.92		246098		
I-026333457	UNIFORMS - FD	R	12/18/2023	209.04		246098		982.09
			*** VENDOR TOTALS ***			1 CHECKS		982.09

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009681	GENERAL TRAFFIC CONTROLS, INC							
I-23991	GRIDSMART	E	12/20/2023	17,930.00		008496		17,930.00
	*** VENDOR TOTALS ***					1 CHECKS		17,930.00
000227	GRAINGER							
C-9918593238	TUBING - MU	E	12/20/2023	22.15CR		008437		
I-9904497949	BOLLARD COVER - MU	E	12/20/2023	60.50		008437		
I-9909380488	CABLE TIES - MU	E	12/20/2023	269.97		008437		
I-9911951227	TUBING - MU	E	12/20/2023	17.95		008437		
I-9919977877	VEHICLE SUPPLIES - CG	E	12/20/2023	133.60		008437		459.87
	*** VENDOR TOTALS ***					1 CHECKS		459.87
011835	GRANITE EXCAVATING LLC							
I-PAY 7-ANKBVD TRNS	PAY 7-S. ANK BLVD TRNSMSN MN	R	12/18/2023	167,132.87		246099		167,132.87
	*** VENDOR TOTALS ***					1 CHECKS		167,132.87
004543	GREATER DES MOINES CONVENTION							
I-FY24 #2	FY24 #2 HOTEL/MOTEL CONTRBTN	E	12/20/2023	220,949.92		008467		220,949.92
	*** VENDOR TOTALS ***					1 CHECKS		220,949.92
004853	HOLT TIRE SERVICE INC							
I-219175	UNIT #809 MOUNT	E	12/20/2023	541.98		008470		
I-219176	UNIT 811 TIRE REMOUNT-OCM	E	12/20/2023	28.00		008470		569.98
	*** VENDOR TOTALS ***					1 CHECKS		569.98
003098	HOTSY CLEANING SYSTEMS IN							
I-0218393-IN	HOSE ASSEMBLY/PARTS - FD	E	12/20/2023	381.09		008465		381.09
	*** VENDOR TOTALS ***					1 CHECKS		381.09
005531	HR GREEN INC							
I-169567 #9	PAY 9-IRVNDLE/18TH ST INTSCN	E	12/20/2023	459.75		008476		
I-169571 #13	PAY 13-OR GTWY TRL/STATEUNDRPS	E	12/20/2023	27,985.75		008476		28,445.50
	*** VENDOR TOTALS ***					1 CHECKS		28,445.50
009027	HUMANA HEALTH CARE PLANS							
I-AFD33167	PATIENT REFUND - FD	R	12/18/2023	56.70		246100		56.70
	*** VENDOR TOTALS ***					1 CHECKS		56.70
008906	IMAGE TREND INC							
I-PS-INV104147	OCTOBER 2023 BILLING BRIDGE	E	12/20/2023	1,319.80		008491		
I-PS-INV104364	MYEMSCARE MONTHLY FEE	E	12/20/2023	87.50		008491		
I-PS-INV104716	NOVEMBER 2023 BILLING BRIDGE	E	12/20/2023	1,086.00		008491		2,493.30
	*** VENDOR TOTALS ***					1 CHECKS		2,493.30

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VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
009565	INFOSEND INCORPORATED							
I-251433	11/2023 MAIL SERVICES	R	12/18/2023	12,038.42		246101		12,038.42
	*** VENDOR TOTALS ***					1 CHECKS		12,038.42
000407	INTERSTATE ALL BATTERY CENTER							
I-1925901007706	BATTERIES - FD	R	12/18/2023	62.70		246102		
I-1925901008039	BATTERIES - FD	R	12/18/2023	297.60		246102		
I-1925901008042	BATTERIES FOR LOCATOR-PKS	R	12/18/2023	51.20		246102		
I-1925901008057	BATTERY - PD	R	12/18/2023	11.60		246102		
I-1925901008071	BATTERY - MU	R	12/18/2023	2.56		246102		425.66
	*** VENDOR TOTALS ***					1 CHECKS		425.66
000266	INTERSTATE BATTERY SYSTEM							
I-40217072	BATTERIES - CG	E	12/20/2023	310.90		008438		310.90
	*** VENDOR TOTALS ***					1 CHECKS		310.90
000752	IOWA DEPARTMENT OF NATURAL RES							
I-200600014 FY24	FY24 ANNUAL FUEL TANK RENEWAL	R	12/18/2023	130.00		246103		130.00
	*** VENDOR TOTALS ***					1 CHECKS		130.00
010902	IOWA DEPARTMENT OF TRANSPORTAT							
I-01/24AG TECH-MZ	1/4/24 AGRGTE TECH RECERT-MZ	R	12/18/2023	120.00		246104		
I-01/24PCCLVL1-MZ	1/9/24 PCC LEVEL 1 RECERT-MZ	R	12/18/2023	120.00		246104		240.00
	*** VENDOR TOTALS ***					1 CHECKS		240.00
000269	IOWA DEPT OF TRANSPORTATION							
I-CI-0018529 A	WOOD POSTS - TRAFFIC	R	12/18/2023	2,400.00		246105		
I-CI-0018529 B	WOOD POSTS - TRAFFIC	R	12/18/2023	278.40		246105		2,678.40
	*** VENDOR TOTALS ***					1 CHECKS		2,678.40
001053	IOWA GOLF ASSOCIATION							
I-14126	INDIVIDUAL MEMBER FEES-OC	E	12/20/2023	110.00		008448		110.00
	*** VENDOR TOTALS ***					1 CHECKS		110.00
005407	IOWA MUNICIPALITIES WORKERS'							
I-INV88423	INSTALL 6 - WC PREM 23-24	R	12/18/2023	47,005.00		246106		47,005.00
	*** VENDOR TOTALS ***					1 CHECKS		47,005.00
003226	IOWA ONE CALL							
I-256301	10/31/2023 FTP - MU	E	12/20/2023	1,336.50		008466		
I-256535	10/31/2023 EMAIL - TRAFFIC	E	12/20/2023	206.10		008466		1,542.60
	*** VENDOR TOTALS ***					1 CHECKS		1,542.60

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001139	IOWA POLICE CHIEFS ASSOCIATION							
I-3916	2024 MEMBERSHIP RNWL-POTTS	R	12/18/2023	125.00		246107		125.00
	*** VENDOR TOTALS ***					1 CHECKS		125.00
008611	J & K CONTRACTING LLC							
I-PAY 5-N 4MILE CRK	PAY5-N 4MILE CRK TRUNK SWR	R	12/18/2023	45,885.00		246108		45,885.00
	*** VENDOR TOTALS ***					1 CHECKS		45,885.00
007827	JEO CONSULTING GROUP INC							
I-145533	UPDATE STORM SEWER MODEL	E	12/20/2023	4,500.00		008484		
I-146111 #8	PAY 8-TRANSPRTN MSTR PLAN	E	12/20/2023	10,635.50		008484		15,135.50
	*** VENDOR TOTALS ***					1 CHECKS		15,135.50
011579	BRANDT JOHNSON							
I-11/29/23-11/30/23	11/29-11/30/23 MILEAGE	E	12/20/2023	15.39		008516		15.39
	*** VENDOR TOTALS ***					1 CHECKS		15.39
000693	KBC, INC							
I-7152598	GAS VALVE -PD	E	12/20/2023	608.67		008446		608.67
	*** VENDOR TOTALS ***					1 CHECKS		608.67
008438	DAVID A JONES							
I-12/05/23	BANNER LIF INS PREM REIMBRMNT	E	12/20/2023	477.15		008511		477.15
	*** VENDOR TOTALS ***					1 CHECKS		477.15
008710	ED KAUFMAN							
I-07/23-11/23FITNESS	07/23-11/23 FITNESS	E	12/20/2023	216.00		008512		216.00
	*** VENDOR TOTALS ***					1 CHECKS		216.00
000065	RENEWABLE ENERGY GROUP INC							
I-575176	11/16/23 DIESEL/87E10	E	12/20/2023	20,551.33		008433		
I-575283	11/28/23 DIESEL/87E10	E	12/20/2023	18,894.39		008433		
I-575442	12/07/23 DIESEL DYED/87E10	E	12/20/2023	17,511.51		008433		56,957.23
	*** VENDOR TOTALS ***					1 CHECKS		56,957.23
008587	KINZLER CONSTRUCTION SERVICES							
I-2321584.0001	DOOR REPAIR - FS#2	R	12/18/2023	501.50		246109		
I-2322311.0001	DOOR REPAIRS - PW	R	12/18/2023	101.50		246109		603.00
	*** VENDOR TOTALS ***					1 CHECKS		603.00
000908	KIRKHAM MICHAEL & ASSOCIATES I							
I-94758 #13	PAY 13-WSTWNDS STRM SWR EXT	E	12/20/2023	9,627.34		008447		9,627.34
	*** VENDOR TOTALS ***					1 CHECKS		9,627.34

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002267	KUSTOM SIGNALS INC							
I-608103	PROLASER 4 BUNDLES - PD	E	12/20/2023	4,681.48		008459		4,681.48
	*** VENDOR TOTALS ***					1 CHECKS		4,681.48
011568	LEXISNEXIS RISK SOLUTIONS FL I							
I-6967963-20231130	AVCC SBSRT 11/1/23-11/30/23	E	12/20/2023	515.00		008501		515.00
	*** VENDOR TOTALS ***					1 CHECKS		515.00
009465	LIBERTY HOLDINGS INC							
I-227273	11/29/23 M-4-C	R	12/18/2023	1,610.00		246110		1,610.00
	*** VENDOR TOTALS ***					1 CHECKS		1,610.00
009618	LIBRARY IDEAS, LLC							
I-103783	VOX BOOKS - KL	R	12/18/2023	818.67		246111		
I-103784	VOX BOOKS - KL	R	12/18/2023	259.50		246111		1,078.17
	*** VENDOR TOTALS ***					1 CHECKS		1,078.17
000402	LINDE GAS & EQUIPMENT							
I-39800178	10/20-11/20/23 RENTALS-PKS	R	12/18/2023	170.88		246112		170.88
	*** VENDOR TOTALS ***					1 CHECKS		170.88
011948	JAMIE GALE							
I-12/05/2023	12/05/23 LITTLE OM BIG OM -KL	E	12/20/2023	85.00		008520		85.00
	*** VENDOR TOTALS ***					1 CHECKS		85.00
004810	LOGAN CONTRACTORS SUPPLY							
I-D44179	MINOR EQUIP - MU	E	12/20/2023	490.00		008469		
I-D44431	WATER EQUIPMENT - MU	E	12/20/2023	208.40		008469		698.40
	*** VENDOR TOTALS ***					1 CHECKS		698.40
000285	LUBE-TECH & PARTNERS LLC							
I-3365140	OIL - MU	E	12/20/2023	148.96		008440		148.96
	*** VENDOR TOTALS ***					1 CHECKS		148.96
002207	MANATTS INC							
I-5120762	11/13/23 SUD 20ASH 3AGG	E	12/20/2023	1,200.00		008458		
I-5121785	11/20/23 SUD 20ASH 3AGG	E	12/20/2023	1,102.50		008458		
I-5121817	11/20/23 SUD 20ASH 3AGG	E	12/20/2023	1,176.00		008458		
I-5121871	11/20/23 SUD 20ASH 3AGG	E	12/20/2023	1,543.50		008458		5,022.00
	*** VENDOR TOTALS ***					1 CHECKS		5,022.00
009346	MARY'S CLEANING CARE INC							
I-32577	JUNE 2023 CLEANING - FD	R	12/18/2023	383.00		246113		
I-33198	JANITORIAL SUPPLIES - PW	R	12/18/2023	112.00		246113		
I-33266	11/2023 CLEANING - FD	R	12/18/2023	383.00		246113		
I-33271	NOVEMBER CLEANINGS - PW	R	12/18/2023	175.00		246113		1,053.00
	*** VENDOR TOTALS ***					1 CHECKS		1,053.00

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			DATE	AMOUNT		NO	STATUS	AMOUNT
005870	ROGER MCFARLAND							
I-11/24/2023	BOOTS	R	12/18/2023	140.00		246114		140.00
			*** VENDOR TOTALS ***			1 CHECKS		140.00
001671	MCC IOWA LLC							
I-12/01/23-12/31/23	12/01/23-12/31/23 DEDICATE INT	R	12/18/2023	500.00		246115		500.00
			*** VENDOR TOTALS ***			1 CHECKS		500.00
001864	MEDIX OCCUPATIONAL HEALTH SERV							
I-27278	PRE EMP DT/ANNUAL PHYSICALS	E	12/20/2023	1,679.50		008451		1,679.50
			*** VENDOR TOTALS ***			1 CHECKS		1,679.50
004747	MENARDS							
C-94868	TABLE - PW	R	12/18/2023	99.98CR		246116		
C-95661	CR: AC2 TRT-OCM	R	12/18/2023	49.18CR		246116		
I-89625	RULER - ENGINEERING	R	12/18/2023	14.95		246116		
I-89638	IN SERVICE SUPPLIES - PD	R	12/18/2023	120.22		246116		
I-89920	UNIT #925 PARTS	R	12/18/2023	74.98		246116		
I-89945	IMPACT SOCKETS - TRFC	R	12/18/2023	42.92		246116		
I-94866	TABLE - PW	R	12/18/2023	99.98		246116		
I-94869	TABLE - PW	R	12/18/2023	85.00		246116		
I-94987	PAINT/BOND WSHRS-OCM	R	12/18/2023	19.27		246116		
I-95059	NIPPLE/NUT/SYS/FLTR- OCM	R	12/18/2023	46.73		246116		
I-95110	HEX/DRILLBITS -ACC	R	12/18/2023	38.09		246116		
I-95111	DRYWALL REPAIR SUPPLIES-KL	R	12/18/2023	71.08		246116		
I-95166	BUILDING SUPPLIES - MU	R	12/18/2023	119.72		246116		
I-95335	PRIMER/SPONGE/BRSH/POLY-KL	R	12/18/2023	36.67		246116		
I-95337	DRILL BITS/BOLT/TIP/MISC-PRSC	R	12/18/2023	111.48		246116		
I-95342	TAPE - MU	R	12/18/2023	29.14		246116		
I-95343	GLOVES/CABLE - MU	R	12/18/2023	181.81		246116		
I-95348	HOLE SAW/GRMT/TRPS/MISC-PD	R	12/18/2023	32.34		246116		
I-95368	STREET SUPPLIES - PW	R	12/18/2023	96.35		246116		
I-95445	TANK EXCHANGE- PKS	R	12/18/2023	19.92		246116		
I-95658	JBEND/AC2 TRT-OCM	R	12/18/2023	53.17		246116		
I-95662	OSB - OCM	R	12/18/2023	21.00		246116		
I-95664	STREET SUPPLIES - PW	R	12/18/2023	9.49		246116		
I-95667	JAR/DRILL BIT/HEX- PD	R	12/18/2023	55.57		246116		
I-95678	CNCT TAILPC/TRAP-OCM	R	12/18/2023	8.88		246116		
I-95686	DRYWALL FOR GYM REPAIR-ACC	R	12/18/2023	35.43		246116		
I-95717	EZ REACH -PD	R	12/18/2023	11.98		246116		
I-95721	PRIMER/BLACK/BIT SET- PKS	R	12/18/2023	33.93		246116		
I-95744	STREET SUPPLIES - PW	R	12/18/2023	43.88		246116		
I-95752	OSB - OCM	R	12/18/2023	21.00		246116		
I-95754	BUILDING SUPPLIES - FD	R	12/18/2023	44.09		246116		
I-95755	CAR CHARGER/BRUSH - FD	R	12/18/2023	32.46		246116		
I-95766	HEATERS - PW	R	12/18/2023	314.94		246116		
I-95793	BOARD/TOGGLE/SCRW/WSHR-PD	R	12/18/2023	89.70		246116		
I-95820	GALV PLUG - PKS	R	12/18/2023	6.48		246116		

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			DATE				NO	STATUS	AMOUNT
I-95903	STREET SUPPLIES - PW	R	12/18/2023		254.90		246116		
I-95908	#925 PARTS/BUILDING SUPPLY-MU	R	12/18/2023		133.28		246116		
I-95909	TOOLBOX - MU	R	12/18/2023		119.94		246116		
I-95922 12/01/23	STREET SUPPLIES - PW	R	12/18/2023		11.99		246116		
I-95987	BUILDING SUPPLIES - FD	R	12/18/2023		45.83		246116		2,439.43
			*** VENDOR TOTALS ***				1 CHECKS		2,439.43
007664	MERCY NORTH PHARMACY								
I-11/27/2023	EMS PHARMACY - FD	R	12/18/2023		353.06		246118		353.06
			*** VENDOR TOTALS ***				1 CHECKS		353.06
001931	METRO WASTE AUTHORITY								
I-70025731	NOV 2023 MONTHLY CURB IT FEES	E	12/20/2023		105,700.28		008453		105,700.28
			*** VENDOR TOTALS ***				1 CHECKS		105,700.28
005317	MID AMERICAN SIGNAL INC								
I-23-752-1	KS LICENSE-DELAWARE 5TH	E	12/20/2023		1,535.00		008474		
I-23-752-2	KS LICENSE-18TH&BRIARGATE	E	12/20/2023		1,535.00		008474		
I-23-752-3	KS LICENSE-STATE&11TH	E	12/20/2023		1,535.00		008474		
I-23-752-4	KS LICENSE-36TH & ASH	E	12/20/2023		1,535.00		008474		
I-23-752-5	KS LICENSE-ANKENY&54TH	E	12/20/2023		1,535.00		008474		7,675.00
			*** VENDOR TOTALS ***				1 CHECKS		7,675.00
011955	MH LOGISTICS CORP								
I-59744	UNIT #742 #743 PARTS	E	12/20/2023		309.66		008509		
I-59758	UNIT #740 PARTS	E	12/20/2023		69.17		008509		378.83
			*** VENDOR TOTALS ***				1 CHECKS		378.83
000271	MIDAMERICAN ENERGY COMPANY								
I-546927233	11/30/23 STATEMENT	E	12/20/2023		65.88		008439		65.88
			*** VENDOR TOTALS ***				1 CHECKS		65.88
008616	MIDAMERICAN ENERGY COMPANY								
I-WMIS # 3004304	STREET LIGHT INSTALL	R	12/18/2023		17,818.76		246119		17,818.76
			*** VENDOR TOTALS ***				1 CHECKS		17,818.76
011761	ALEX MILLER								
I-03/23MLBX-REISUED	03/2023 MAILBOX REIMBRSMNT	R	12/18/2023		116.26		246120		116.26
			*** VENDOR TOTALS ***				1 CHECKS		116.26
011620	BRODY MILLER								
I-12/04/2023	PARAMEDIC SCHOOL REIMBURSEMENT	E	12/20/2023		532.00		008518		532.00
			*** VENDOR TOTALS ***				1 CHECKS		532.00

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			DATE	AMOUNT		NO	STATUS	AMOUNT
000343	MIRACLE RECREATION							
I-868407	PLAYGROUND PARTS	R	12/18/2023	5,410.46		246121		5,410.46
				*** VENDOR TOTALS ***		1 CHECKS		5,410.46
1	ANSTINE, KENNEDY							
I-000202312130653	US REFUND	R	12/18/2023	38.08		246025		38.08
1	ARMBRUSTER, KATHERIN							
I-000202312130650	US REFUND	R	12/18/2023	73.84		246026		73.84
1	AUSPITZ, TODD							
I-000202312130630	US REFUND	R	12/18/2023	25.57		246027		25.57
1	BATTLES, TICOROYO							
I-000202312130648	US REFUND	R	12/18/2023	9.17		246028		9.17
1	BEASLEY-TYRRELL, KAS							
I-000202312130642	US REFUND	R	12/18/2023	57.15		246029		57.15
1	CRAFT, TARAH							
I-000202312130637	US REFUND	R	12/18/2023	99.96		246030		99.96
1	DAVIS, CRAIG							
I-000202312130632	US REFUND	R	12/18/2023	97.70		246031		97.70
1	EVANS, SETH & QUINCY							
I-000202312130651	US REFUND	R	12/18/2023	40.78		246032		40.78
1	FRERICHS, STEVEN & K							
I-000202312130647	US REFUND	R	12/18/2023	48.70		246033		48.70
1	IBARRA, ALEJANDRO							
I-000202312130631	US REFUND	R	12/18/2023	60.29		246034		60.29
1	ITZEN, ZACHARY							
I-000202312130638	US REFUND	R	12/18/2023	26.78		246035		26.78
1	JOHNSON, DAWN							
I-000202312130634	US REFUND	R	12/18/2023	95.05		246036		95.05
1	JORPELAND, MATT							
I-000202312130633	US REFUND	R	12/18/2023	19.88		246037		19.88

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			DATE	AMOUNT		NO	STATUS	AMOUNT
1	LEEPER, ABIGAIL							
I-000202312130635	US REFUND	R	12/18/2023	54.02		246038		54.02
1	NELSON, PATRICIA J							
I-000202312130652	US REFUND	R	12/18/2023	60.40		246039		60.40
1	ONEEL, LINDSEY							
I-000202312130645	US REFUND	R	12/18/2023	43.35		246040		43.35
1	PAYTON, ETHAN							
I-000202312130644	US REFUND	R	12/18/2023	63.76		246041		63.76
1	PRICE, ZOEY							
I-000202312130636	US REFUND	R	12/18/2023	57.15		246042		57.15
1	REMMERS, BLAIR							
I-000202312130646	US REFUND	R	12/18/2023	98.59		246043		98.59
1	RIOS, RAYMUNDO							
I-000202312130643	US REFUND	R	12/18/2023	61.13		246044		61.13
1	SELVOG, CAYLEE							
I-000202312130641	US REFUND	R	12/18/2023	98.67		246045		98.67
1	SMITH, DAWAYNE							
I-000202312130629	US REFUND	R	12/18/2023	55.62		246046		55.62
1	THURM, ZACHARY							
I-000202312130640	US REFUND	R	12/18/2023	47.45		246047		47.45
1	TRISKA, TARA							
I-000202312130639	US REFUND	R	12/18/2023	36.22		246048		36.22
1	TUSCANY POINTE TOWNH							
I-000202312130649	US REFUND	R	12/18/2023	77.70		246049		77.70
			*** VENDOR TOTALS ***			25 CHECKS		1,447.01
011829	MARY MITCHELL							
I-12/01/2023	PARAMEDIC SCHOOL REIMBURSEMENT	E	12/20/2023	532.00		008519		532.00
			*** VENDOR TOTALS ***			1 CHECKS		532.00
002120	MPH INDUSTRIES INC							
I-6022220	SIX RADAR UNITS - PD	E	12/20/2023	13,434.00		008456		13,434.00
			*** VENDOR TOTALS ***			1 CHECKS		13,434.00

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002032	MUNICIPAL COLLECTIONS OF AMERI							
I-62921	11/23 COLLECTION FEES	R	12/18/2023	662.21		246122		
I-62922	11/23 COLLECTION FEES - OLD	R	12/18/2023	1.00		246122		
I-62923	11/23 COLLECTION FEES	R	12/18/2023	5.00		246122		668.21
	*** VENDOR TOTALS ***					1 CHECKS		668.21
006750	MUNICIPAL PIPE TOOL							
I-34141	UNIT #741 PARTS	R	12/18/2023	264.96		246123		264.96
	*** VENDOR TOTALS ***					1 CHECKS		264.96
000350	MUNICIPAL SUPPLY INC							
I-0891830-IN	STREET SUPPLIES - PW	R	12/18/2023	139.70		246124		
I-0892155-IN	STREET SUPPLIES - PW	R	12/18/2023	3,868.90		246124		
I-0893106-IN	STREET SUPPLIES - PW	R	12/18/2023	129.44		246124		4,138.04
	*** VENDOR TOTALS ***					1 CHECKS		4,138.04
003057	NAPA AUTO PARTS							
I-2986-727661	EQUIPMENT PARTS - MU	R	12/18/2023	47.98		246125		
I-2986-727737	SHOP SUPPLIES - CG	R	12/18/2023	44.45		246125		
I-2986-727744	SHOP SUPPLIES - CG	R	12/18/2023	49.50		246125		
I-2986-727762	UNIT #116 PARTS	R	12/18/2023	2.49		246125		
I-2986-727763	UNIT #809 BLISTER PK CPSLS-OCM	R	12/18/2023	33.08		246125		
I-2986-727767	BATTERY - CG	R	12/18/2023	2.99		246125		
I-2986-727771	PLOW TRUCK PARTS	R	12/18/2023	34.98		246125		
I-2986-727793	DOOR OPENERS - CG	R	12/18/2023	28.47		246125		
I-2986-727803	SHOP SUPPLIES - CG	R	12/18/2023	39.16		246125		
I-2986-727814	UNIT #309 PARTS	R	12/18/2023	41.99		246125		
I-2986-727816	SHOP SUPPLIES - CG	R	12/18/2023	24.97		246125		
I-2986-727982	UNIT #610 PARTS	R	12/18/2023	43.97		246125		
I-2986-727988	SHOP SUPPLIES - CG	R	12/18/2023	29.50		246125		
I-2986-728008	SHOP SUPPLIES - CG	R	12/18/2023	78.92		246125		
I-2986-728011	UNIT #905 PARTS	R	12/18/2023	36.99		246125		
I-2986-728072	UNIT #987 PARTS	R	12/18/2023	72.23		246125		
I-2986-728085	UNIT #733 PARTS	R	12/18/2023	12.92		246125		
I-2986-728131	VEHICLE PARTS - CG	R	12/18/2023	25.84		246125		650.43
	*** VENDOR TOTALS ***					1 CHECKS		650.43
001177	INTERNATIONAL IDENTIFICATION I							
I-243937	DOG TAGS -PKS	R	12/18/2023	531.85		246126		531.85
	*** VENDOR TOTALS ***					1 CHECKS		531.85
011656	NOVELTY PLUS WHOLESALE, INCORP							
I-10064	SAFETY SUPPLIES - PW	E	12/20/2023	374.29		008502		
I-10066	SAFETY SUPPLIES - MU	E	12/20/2023	494.41		008502		868.70
	*** VENDOR TOTALS ***					1 CHECKS		868.70

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003727	ODP BUSINESS SOLUTIONS, LLC							
I-340043840001	OFFICE SUPPLIES - PSB	R	12/18/2023	153.28		246127		
I-340335531001	OFFICE SUPPLIES - MU	R	12/18/2023	54.78		246127		
I-340447506001	OFFICE SUPPLIES - PSB	R	12/18/2023	15.99		246127		
I-340447786001	OFFICE SUPPLIES - PSB	R	12/18/2023	31.99		246127		
I-340447788001	OFFICE SUPPLIES - PSB	R	12/18/2023	30.35		246127		
I-340808250001	PENS/PAPER - KL	R	12/18/2023	119.49		246127		
I-340814855001	STANDING MAT - KL	R	12/18/2023	261.40		246127		
I-340983834001	FIRST AID/SAFETY SUPPLIES - PD	R	12/18/2023	526.64		246127		
I-341393053001	PAPER - MU	R	12/18/2023	79.78		246127		
I-341737417001	PAPER/BREAKROOM SUPPLIES - CH	R	12/18/2023	97.13		246127		
I-341834092001	OFFICE SUPPLIES - FD	R	12/18/2023	58.49		246127		
I-341930063001	OFFICE SUPPLIES - FD	R	12/18/2023	41.75		246127		
I-342562201001	PLANNERS/CALS/STPLR/MISC-CH	R	12/18/2023	105.21		246127		
I-344279460001	PLANNERS/CALS/FORKS/PLATES-CH	R	12/18/2023	56.87		246127		1,633.15
	*** VENDOR TOTALS ***					1 CHECKS		1,633.15
009363	ON-TRACK CONSTRUCTION LLC							
I-PAY 7-NWNTHLWNUTL	PAY 7-NW NTHLWN UTLTY IMP-PH2	R	12/18/2023	13,585.00		246128		13,585.00
	*** VENDOR TOTALS ***					1 CHECKS		13,585.00
008777	OPN ARCHITECTS							
I-23806000-6	2023 SPACE NEEDS STUDY	R	12/18/2023	3,280.63		246129		3,280.63
	*** VENDOR TOTALS ***					1 CHECKS		3,280.63
011908	ORGANIZE ME! OF NY, LLC							
I-12/04/2023 CLASS	12/4/23 WHERE'S MY STUFF -KL	R	12/18/2023	200.00		246130		200.00
	*** VENDOR TOTALS ***					1 CHECKS		200.00
007878	OVERDRIVE INC							
I-06497CO23422610	MULTIMEDIA -KL	E	12/20/2023	984.08		008485		
I-06497CO23430287	MULTIMEDIA-KL	E	12/20/2023	845.85		008485		
I-06497CO23431920	MULTIMEDIA -KL	E	12/20/2023	860.04		008485		
I-06497CO23441607	MULTIMEDIA - KL	E	12/20/2023	991.59		008485		
I-06497CO23445250	MULTIMEDIA - KL	E	12/20/2023	722.06		008485		
I-06497DA23442395	MISC BOOKS - KL	E	12/20/2023	19.98		008485		4,423.60
	*** VENDOR TOTALS ***					1 CHECKS		4,423.60
011375	PAR INDUSTRIES LLC							
I-23397-1	REPLACE LIGHT -KL	R	12/18/2023	352.36		246131		352.36
	*** VENDOR TOTALS ***					1 CHECKS		352.36
002191	PC PRINT CENTER							
I-120623-FID	NOTE CARDS - FD	R	12/18/2023	32.85		246132		32.85
	*** VENDOR TOTALS ***					1 CHECKS		32.85

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000055	C2G CORPORATION							
I-CG19817	SHOP SUPPLIES - CG	R	12/18/2023	912.50		246133		912.50
	*** VENDOR TOTALS ***					1 CHECKS		912.50
002717	PEPSI-COLA METROPOLITAN BOTTLI							
I-82697419	BEVERAGES FOR RESALE-OC	E	12/20/2023	271.32		008463		271.32
	*** VENDOR TOTALS ***					1 CHECKS		271.32
002158	PERFICUT COMPANIES INC							
I-20379	ANNUAL HOLIDAY DECOR INSTAL-KL	R	12/18/2023	1,020.00		246134		1,020.00
	*** VENDOR TOTALS ***					1 CHECKS		1,020.00
009158	PERFORMANCE FOODSERVICE - THOM							
I-7448289	FOOD FOR RESALE - OC	R	12/18/2023	559.63		246135		
I-7454189	FOOD FOR RESALE - OC	R	12/18/2023	557.50		246135		1,117.13
	*** VENDOR TOTALS ***					1 CHECKS		1,117.13
005873	PFM FINANCIAL ADVISORS LLC							
I-128316	WATER REV SRF CLN SERIES 2023P	R	12/18/2023	27,312.00		246136		27,312.00
	*** VENDOR TOTALS ***					1 CHECKS		27,312.00
011462	PHYSICIANS MUTUAL INSURANCE							
I-20220827-BER	DAMAGE DEPOSIT REFUND-KL	R	12/18/2023	100.00		246137		100.00
	*** VENDOR TOTALS ***					1 CHECKS		100.00
000383	PITNEY BOWES GLOBAL FINANCIAL							
I-3318388698	10/1/23-12/31/23 METER RNTL-CH	R	12/18/2023	409.02		246138		409.02
	*** VENDOR TOTALS ***					1 CHECKS		409.02
011708	PLAYAWAY PRODUCTS LLC							
I-447183	MULTIMEDIA -KL	E	12/20/2023	86.44		008504		86.44
	*** VENDOR TOTALS ***					1 CHECKS		86.44
011897	POLK COUNTY AUDITOR'S OFFICE							
I-11527	BLOOD DRAW-G WADSWORTH	R	12/18/2023	150.00		246139		150.00
	*** VENDOR TOTALS ***					1 CHECKS		150.00
009386	POMP'S TIRE SERVICE, INC							
I-1400128452	#117 TIRES	E	12/20/2023	1,188.00		008493		
I-1400128823	UNIT #116 REPAIRS	E	12/20/2023	187.25		008493		
I-1400128832	TIRES - WASTEWATER TRAILER	E	12/20/2023	294.08		008493		
I-1400128891	UNIT #920 TIRES	E	12/20/2023	500.12		008493		2,169.45
	*** VENDOR TOTALS ***					1 CHECKS		2,169.45

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005896	PRECISION UNDERGROUND UTILITIES							
I-10383	HANDHOLE REMOVAL - TRAFFIC	R	12/18/2023	805.50		246140		805.50
	*** VENDOR TOTALS ***					1 CHECKS		805.50
002713	PROTEX CENTRAL INC							
I-147014	FE RECHARGE - FD	R	12/18/2023	310.00		246141		
I-147378	FE INSPECTION/REPLACE - CH	R	12/18/2023	138.88		246141		448.88
	*** VENDOR TOTALS ***					1 CHECKS		448.88
000344	QUICK SUPPLY CO							
I-QSC176651	SINGLE NET STRAW BLANKET-OCM	E	12/20/2023	98.00		008441		98.00
	*** VENDOR TOTALS ***					1 CHECKS		98.00
006390	QUILL CORPORATION							
I-35648077	2 POCKET FOLDER W/O FSTNRS-P&R	R	12/18/2023	32.36		246142		
I-35648451	POUCH/SHARPIE/LAM PCH-AC	R	12/18/2023	90.67		246142		123.03
	*** VENDOR TOTALS ***					1 CHECKS		123.03
002327	R A D SYSTEMS							
I-24RCT 3358	FY24 RAD RENEWAL - SHELTON	R	12/18/2023	75.00		246143		75.00
	*** VENDOR TOTALS ***					1 CHECKS		75.00
005557	RACOM CORPORATION							
I-2B199183	REPAIRS - FD	E	12/20/2023	80.84		008477		
I-2B199952	RADIO REPAIR - FD	E	12/20/2023	76.74		008477		
I-RI-230510	P25/BEON ACCESS - FD	E	12/20/2023	2,015.25		008477		2,172.83
	*** VENDOR TOTALS ***					1 CHECKS		2,172.83
000587	RED WING SHOE STORE							
I-462-1-63473	BOOTS - A. LOCKEY	E	12/20/2023	140.00		008444		140.00
	*** VENDOR TOTALS ***					1 CHECKS		140.00
006038	REILLY CONSTRUCTION CO INC							
I-PAY20-FINAL1STWDNG	PAY 20-FINAL W 1ST WDNG IMP P1	R	12/18/2023	39,446.79		246144		39,446.79
006038	REILLY CONSTRUCTION CO INC							
I-RTNG-1ST ST WDNG	RTNG-W 1ST ST WDNG/IMP PH1	R	12/18/2023	30,000.00		246145		30,000.00
	*** VENDOR TOTALS ***					2 CHECKS		69,446.79
008276	RELIANT FIRE APPARATUS INC							
C-I23-22652	CR: UNIT #123 PARTS	R	12/18/2023	675.58CR		246146		
I-5WI000475	WATERWAY REPAIRS - FD	R	12/18/2023	2,418.19		246146		1,742.61
	*** VENDOR TOTALS ***					1 CHECKS		1,742.61

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001985	RIDD X PEST CONTROL							
I-65037	11/2023 PEST CONTROL	E	12/20/2023	1,675.00		008454		1,675.00
	*** VENDOR TOTALS ***					1 CHECKS		1,675.00
006802	ROMTEC INC							
I-INV1302 #6	PAY 6-MIDWAY PARK RR CONST	E	12/20/2023	8,768.28		008482		8,768.28
	*** VENDOR TOTALS ***					1 CHECKS		8,768.28
011854	RUAN TRANSPORT CORPORATION							
I-RES#2018-484F23-RI	2023 RUAN TIFF REBATE REISSUED	R	12/18/2023	44,649.00		246147		44,649.00
	*** VENDOR TOTALS ***					1 CHECKS		44,649.00
005570	SANDRY FIRE SUPPLY LLC							
I-INV-031190	FLOW TESTING - FD	E	12/20/2023	4,731.75		008478		4,731.75
	*** VENDOR TOTALS ***					1 CHECKS		4,731.75
011984	DEBRA SHEPARD							
I-AFD32920	PATIENT REFUND - FD	R	12/18/2023	52.73		246148		52.73
	*** VENDOR TOTALS ***					1 CHECKS		52.73
004842	THE SHERWIN-WILLIAMS CO							
I-2050-6	PAINT FOR GYM-ACC	R	12/18/2023	185.83		246149		
I-4366-3	PAINT - MU	R	12/18/2023	188.04		246149		
I-4504-9	PAINT FOR GYM - ACC	R	12/18/2023	60.90		246149		434.77
	*** VENDOR TOTALS ***					1 CHECKS		434.77
008471	SHIVE-HATTERY INC							
I-4185992-37 #35	PAY 35-ANKENY SNR COMMTY CTR	E	12/20/2023	7,687.00		008488		7,687.00
	*** VENDOR TOTALS ***					1 CHECKS		7,687.00
001103	SHRED-IT							
I-8005506260	11/08/23 SHREDDING SVCS - PD	R	12/18/2023	65.83		246150		65.83
	*** VENDOR TOTALS ***					1 CHECKS		65.83
001923	LOCAL GOVERNMENT PROFESSIONAL							
I-2023-IC-0498	NOVEMBER 2023 SUPPLEMENT	E	12/20/2023	391.00		008452		391.00
	*** VENDOR TOTALS ***					1 CHECKS		391.00
002339	STAPLES CONTRACT & COMMERCIAL							
I-3552181910	GARBAGE CAN - PW	R	12/18/2023	12.11		246151		
I-3552566365	ENVELOPES - PD	R	12/18/2023	68.22		246151		
I-3553265906	OFFICE SUPPLIES - PD	R	12/18/2023	462.73		246151		543.06
	*** VENDOR TOTALS ***					1 CHECKS		543.06

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004250	GL DODGE CITY LLC							
I-172421	TRUCK - PARK MAINT	R	12/18/2023	37,539.50		246152		37,539.50
	*** VENDOR TOTALS ***					1 CHECKS		37,539.50
001859	SVPA ARCHITECTS INC.							
I-0039086	10/30-12/3/23 OC CLBHSE	R	12/18/2023	144.00		246153		
I-23019.00 #8	PAY 8-FIRE STATION #4	R	12/18/2023	47,803.20		246153		47,947.20
	*** VENDOR TOTALS ***					1 CHECKS		47,947.20
005089	SYNERGY CONTRACTING LLC							
I-PAY 12-HTTWTRTRNS	PAY 12-HTT WTR TRNS MN/DRNG IM	E	12/20/2023	32,972.60		008473		32,972.60
	*** VENDOR TOTALS ***					1 CHECKS		32,972.60
011545	SSCW FIRE & SAFETY INC.							
I-22587	ANSUL INSPECTION - FS#2	E	12/20/2023	290.00		008500		
I-22589	ANSUL INSPECTION - FS#3	E	12/20/2023	290.00		008500		
I-22591	ANSUL INSPECTION - FS#1	E	12/20/2023	290.00		008500		870.00
	*** VENDOR TOTALS ***					1 CHECKS		870.00
000124	SYSCO IOWA INC							
C-339327705	FOOD FOR RESALE - OC	R	12/18/2023	34.82CR		246154		
I-339328573	FOOD FOR RESALE-OC	R	12/18/2023	94.28		246154		
I-339339183	FOOD FOR RESALE -OC	R	12/18/2023	117.91		246154		177.37
	*** VENDOR TOTALS ***					1 CHECKS		177.37
010068	T-MOBILE USA INC							
I-11/21/2023	10/21/23-11/20/23 STATEMENT	R	12/18/2023	1,031.36		246155		1,031.36
	*** VENDOR TOTALS ***					1 CHECKS		1,031.36
009540	TELEFLEX LLC							
I-9507717930	EMS SUPPLIES - FD	E	12/20/2023	562.50		008495		562.50
	*** VENDOR TOTALS ***					1 CHECKS		562.50
006505	TG TECHNICAL SERVICES LLC							
C-00028 DOUBLE PAY	DOUBLE PAID INV 00028 10/5/22	E	12/20/2023	133.53CR		008480		
I-02522	METHANE SENSOR - FD	E	12/20/2023	497.49		008480		363.96
	*** VENDOR TOTALS ***					1 CHECKS		363.96
006031	KATIE THIELMAN							
I-10/01/2023	10/30/23-11/30/23 MILEAGE	E	12/20/2023	79.91		008479		79.91
	*** VENDOR TOTALS ***					1 CHECKS		79.91
006441	TITAN MACHINERY INC							
I-PS0147723-1	UNIT #934 PARTS	R	12/18/2023	464.00		246156		464.00
	*** VENDOR TOTALS ***					1 CHECKS		464.00

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010127	TK ELEVATOR CORPORATION							
I-7000042763	ELEVATOR REPAIR - PD	E	12/20/2023	219.50		008499		219.50
	*** VENDOR TOTALS ***					1 CHECKS		219.50
004159	TOYNE INC							
I-IN0016864	FUEL TANK FOR RESCUE - FD	R	12/18/2023	3,573.55		246157		
I-IN0016866	SUSPENSION AIRBAGS - FD	R	12/18/2023	1,236.59		246157		
I-IN0016892	VEHICLE PARTS - FD	R	12/18/2023	968.57		246157		
I-IN0016909	BUILDING SUPPLIES - FD	R	12/18/2023	184.07		246157		
I-IN0016914	FLANGE - FD	R	12/18/2023	23.62		246157		5,986.40
	*** VENDOR TOTALS ***					1 CHECKS		5,986.40
004343	TRACTOR SUPPLY COMPANY							
I-661777	SEED - STORMWATER	R	12/18/2023	99.99		246158		99.99
	*** VENDOR TOTALS ***					1 CHECKS		99.99
004713	TRANSIT WORKS							
I-151709	TAPE MEASURE - ENGINEERING	R	12/18/2023	44.00		246159		44.00
	*** VENDOR TOTALS ***					1 CHECKS		44.00
000465	TREASURER STATE OF IOWA							
I-12/12/2023	MONTHLY SALES & EXCISE TAX	D	12/12/2023	104,854.32		002382		104,854.32
	*** VENDOR TOTALS ***					1 CHECKS		104,854.32
000740	TRIPLETT COMPANIES							
I-445029-0	ENVELOPES - FD	R	12/18/2023	126.58		246160		126.58
	*** VENDOR TOTALS ***					1 CHECKS		126.58
011455	TRIVISTA COMPANIES INC							
C-XA100017900:01	CR: UNIT #224 PARTS	R	12/18/2023	140.40CR		246161		
I-XA100018476:01	UNIT #270 PARTS	R	12/18/2023	198.33		246161		
I-XA100018674:01	UNIT #221 PARTS	R	12/18/2023	110.51		246161		
I-XA100018943:01	STOCK BATTERIES - CG	R	12/18/2023	244.72		246161		413.16
	*** VENDOR TOTALS ***					1 CHECKS		413.16
010088	TRUCK CENTER COMPANIES EAST LL							
I-XA301361592:01	UNIT #220 PARTS	E	12/20/2023	47.93		008497		
I-XA301361592:02	UNIT #220 PARTS	E	12/20/2023	173.79		008497		221.72
	*** VENDOR TOTALS ***					1 CHECKS		221.72
000468	TRUCK EQUIPMENT INC							
I-312189	GUTTER BROOMS - SWEEPERS	E	12/20/2023	680.88		008442		680.88
	*** VENDOR TOTALS ***					1 CHECKS		680.88

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VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
009428	UMB BANK NA							
I-963810	2014G GO REF CLN-FEES	D	12/18/2023	250.00		002383		
I-963830	2015A GO BONDS-FEES	D	12/18/2023	250.00		002383		
I-963831	2015B GO ANN APPR UR BONDS-FEE	D	12/18/2023	250.00		002383		
I-963863	2016A GO REF BONDS-FEES	D	12/18/2023	250.00		002383		
I-963868	2016B GO BONDS-FEES	D	12/18/2023	250.00		002383		
I-963925	2017A GO BONDS-FEES	D	12/18/2023	250.00		002383		
I-963926	2017B WATER REVENUE BONDS-FEES	D	12/18/2023	250.00		002383		
I-964002	2018A GO BONDS-FEES	D	12/18/2023	300.00		002383		
I-964003	2018B WATER REVENUE BONDS-FEES	D	12/18/2023	300.00		002383		2,350.00
	*** VENDOR TOTALS ***					1 CHECKS		2,350.00
004516	ST LUKE'S HEALTH RESOURCES							
I-204643	NOV DOT TESTING	R	12/18/2023	84.00		246162		84.00
	*** VENDOR TOTALS ***					1 CHECKS		84.00
010031	ANOVA FURNISHINGS INC							
I-639781	MEMORIAL BENCHES-PKS	R	12/18/2023	2,029.01		246163		2,029.01
	*** VENDOR TOTALS ***					1 CHECKS		2,029.01
002135	UPHDM OCCUPATIONAL MEDICINE							
I-205628	NOVEMBER 2023 SERVICES	R	12/18/2023	1,667.75		246164		1,667.75
	*** VENDOR TOTALS ***					1 CHECKS		1,667.75
011876	HD SUPPLY, INC.							
I-INV00199969	CHLORINE - MU	E	12/20/2023	672.41		008507		672.41
	*** VENDOR TOTALS ***					1 CHECKS		672.41
000475	UTILITY EQUIPMENT COMPANY							
I-20056412-000	MH PARTS - MU	E	12/20/2023	1,315.95		008443		1,315.95
	*** VENDOR TOTALS ***					1 CHECKS		1,315.95
010506	ASHLIE VAN HORN							
I-12/2023 ZUMBA	12/2023 ZUMBA	E	12/20/2023	100.00		008513		100.00
	*** VENDOR TOTALS ***					1 CHECKS		100.00
005012	VAN-WALL EQUIPMENT INC							
C-6091919	CR: BUSHING OCM	E	12/20/2023	41.22CR		008472		
C-6092618	CR: TRUNNION/WSHR OCM	E	12/20/2023	144.77CR		008472		
I-6080632	ROW SUPPLIES - PW	E	12/20/2023	15.69		008472		
I-6087618	UNIT #812 WHEEL/NUT/BULB-OCM	E	12/20/2023	236.34		008472		
I-6090333	UNIT #811 WHEEL BOLT - OCM	E	12/20/2023	23.55		008472		
I-6090764	TRACTOR REPAIR-OC	E	12/20/2023	2,091.61		008472		
I-6090789	EAR MUFF/FILE PACKS - PKS	E	12/20/2023	38.99		008472		
I-6091836	ROW SUPPLIES - PW	E	12/20/2023	32.04		008472		
I-6092597	UNIT #809 BUSHING	E	12/20/2023	45.61		008472		
I-6092600	UNIT #809 BEARING/VRING/WSHR	E	12/20/2023	133.39		008472		
I-6094494	UNIT #809 SEAL/WSHR	E	12/20/2023	63.56		008472		2,494.79
	*** VENDOR TOTALS ***					1 CHECKS		2,494.79

VENDOR SET: 01 City of Ankeny
 BANK: APFNB FIRST NATIONAL BANK AMES
 DATE RANGE: 12/07/2023 THRU 12/20/2023

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
003998	LAUREL C VEACH							
I-12/4/23	HOSE REPAIR - FD	R	12/18/2023	120.00		246165		120.00
	*** VENDOR TOTALS ***					1 CHECKS		120.00
004796	WALSH DOOR & HARDWARE COMPANY							
I-804922	MILESTONE CARE PLUS RENEW	R	12/18/2023	6,897.00		246166		6,897.00
	*** VENDOR TOTALS ***					1 CHECKS		6,897.00
002569	WASTE CONNECTIONS INC							
I-3598258T071	12/2023 WASTE SERVICES-CH	R	12/18/2023	65.34		246167		
I-3598263T071	12/2023 WASTE SVCS - KL	R	12/18/2023	102.58		246167		167.92
	*** VENDOR TOTALS ***					1 CHECKS		167.92
009569	WPS MEDICARE PART B							
I-AFD32539	PATIENT REFUND - FD	R	12/18/2023	399.37		246168		399.37
	*** VENDOR TOTALS ***					1 CHECKS		399.37
002783	ZIEGLER INC							
I-IN001260450A	AIR COMPRESSOR RENTAL-OC	E	12/20/2023	2,383.50		008464		
I-IN001260450B	AIR COMPRESSOR-PRSC	E	12/20/2023	2,383.50		008464		4,767.00
	*** VENDOR TOTALS ***					1 CHECKS		4,767.00
011964	ZOLL DATA SYSTEMS, INC.							
I-INV00159488	1/01/24-1/31/24 SVCS - FD	E	12/20/2023	420.00		008510		420.00
	*** VENDOR TOTALS ***					1 CHECKS		420.00

* * T O T A L S * *	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	142	3,764,420.17	0.00	3,764,420.17
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	2	107,204.32	0.00	107,204.32
EFT:	90	743,216.87	0.00	743,216.87
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	0 VOID DEBITS	0.00		
	VOID CREDITS	0.00	0.00	

TOTAL ERRORS: 0

VENDOR SET: 01	BANK: APFNB TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
		234	4,614,841.36	0.00	4,614,841.36
BANK: APFNB	TOTALS:	234	4,614,841.36	0.00	4,614,841.36
REPORT TOTALS:		234	4,614,841.36	0.00	4,614,841.36



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Finance

COUNCIL GOAL:

Exercise Financial Discipline

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

Consider motion to adopt **RESOLUTION** naming depositories for the City of Ankeny.

EXECUTIVE SUMMARY:

The attached resolution provides the addition of JP Morgan Chase Bank on the City's depository resolution. JP Morgan Chase Bank opened a branch in Ankeny on December 5, 2023. The maximum balance in effect by this depository resolution is \$25,000,000.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

To adopt resolution naming the depositories for the City of Ankeny.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Depository Resolution

RESOLUTION 2023-

A RESOLUTION NAMING DEPOSITORIES FOR THE CITY OF ANKENY

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA, that it approves the following list of financial institutions to be depositories of the City of Ankeny, Iowa, pursuant to Chapter 12C.2 of the Code of Iowa.

The Finance Officer is hereby authorized to deposit the City of Ankeny, Iowa, funds in amounts not to exceed the maximum approved for each respective financial institution as set out below:

Depository Name	Location of Home Office	Maximum Balance in effect under prior resolution	Maximum Balance in effect under this resolution
Availa Bank	Carroll, IA	\$25,000,000	\$25,000,000
Bankers Trust Company	Des Moines, IA	\$25,000,000	\$25,000,000
BMO	San Francisco, CA	\$25,000,000	\$25,000,000
Central Bank	Storm Lake, IA	\$25,000,000	\$25,000,000
Charter Bank	Johnston, IA	\$25,000,000	\$25,000,000
Community Choice Credit Union	Johnston, IA	\$25,000,000	\$25,000,000
Community State Bank	Ankeny, IA	\$25,000,000	\$25,000,000
Farmers State Bank	Waterloo, IA	\$25,000,000	\$25,000,000
First Interstate Bank	Billings, MT	\$25,000,000	\$25,000,000
First National Bank	Ames, IA	\$30,000,000	\$30,000,000
Great Southern Bank	Reeds Spring, MO	\$25,000,000	\$25,000,000
Green State Credit Union	North Liberty, IA	\$25,000,000	\$25,000,000
JP Morgan Chase Bank	New York City, NY	\$0	\$25,000,000
Lincoln Savings Bank	Cedar Falls, IA	\$25,000,000	\$25,000,000
Northwest Bank	Spencer, IA	\$25,000,000	\$25,000,000
Peoples Bank	Rock Valley, IA	\$25,000,000	\$25,000,000
South Story Bank & Trust	Huxley, IA	\$25,000,000	\$25,000,000
Two Rivers Bank & Trust	Burlington, IA	\$25,000,000	\$25,000,000
US Bank	Cincinnati, OH	\$25,000,000	\$25,000,000
Veridian Credit Union	Waterloo, IA	\$25,000,000	\$25,000,000
Wells Fargo Bank	Sioux Falls, SD	\$25,000,000	\$25,000,000

Passed and approved this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
Planning and Building

COUNCIL GOAL:
Ensure Economic Vitality

ACTION REQUESTED:
Resolution

LEGAL:

SUBJECT:

Consider motion to adopt **RESOLUTION** accepting final plat and platted easements for Heritage Commercial at Prairie Trail Plat 1.

EXECUTIVE SUMMARY:

Heritage Commercial at Prairie Trail Plat 1 consists of 1 Lot totaling 5.76 acres and is located west of SW Ankeny Blvd and south of SW 16th Street in Prairie Trail.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

Approve the Heritage Commercial at Prairie Trail Plat 1 Final Plat.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Final Plat
 Staff Report
 Aerial Map
 Applicant Letter

RESOLUTION

**RESOLUTION ACCEPTING FINAL PLAT AND PLATTED EASEMENTS FOR HERITAGE
COMMERCIAL AT PRAIRIE TRAIL PLAT 1**

WHEREAS, the Community Development Director of the City of Ankeny, Iowa, administratively approved the final plat for Heritage Commercial at Prairie Trail on the 7th day of December 2023; and

WHEREAS, the attorney's title opinion and platted easements have been submitted and approved by the Community Development Director of the City of Ankeny, Iowa; and

**NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF
ANKENY, IOWA:**

1. That the final plat for Heritage Commercial at Prairie Trail Plat 1 is hereby approved.
2. That the Public Sidewalk and Parking Easement, Public Utility Easement, Public Sanitary Sewer Easement, Public Storm Sewer and Drainage Easement, Public Storm Sewer Easement, and Public Water Main Easement is hereby accepted.

PASSED AND APPROVED this 18th day of December 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

INDEX LEGEND

COUNTY: POLK COUNTY, IOWA CITY: ANKENY

LOCATION:
OUTLOTS B & C AND LOT B, PRAIRIE TRAIL PARK PLAT 1

REQUESTED BY: PRAIRIE TRAIL COMMERCIAL LLC
& PROPRIETOR: c/o JARED JOHNSON
9500 UNIVERSITY AVENUE, SUITE 2112
WEST DES MOINES, IOWA 50266
PHONE: (515) 556-0124

SURVEYOR: ADAM D. SCHOEPPNER, PLS #26306

SURVEY COMPANY: NILLES ASSOCIATES, INC.

RETURN TO: ADAM D. SCHOEPPNER, PLS
NILLES ASSOCIATES, INC.
1933 SW MAGAZINE ROAD
ANKENY, IOWA 50023 PH: (515) 965-0123

HERITAGE COMMERCIAL AT PRAIRIE TRAIL PLAT 1

FINAL PLAT

HERITAGE COMMERCIAL AT PRAIRIE TRAIL PLAT 1

LEGAL DESCRIPTION

Outlot B and Outlot C, PRAIRIE TRAIL PARK PLAT 1, an official plat, located in the City of Ankeny, Polk County, Iowa; and that part of Lot B, said PRAIRIE TRAIL PARK PLAT 1, being more particularly described as follows:

Beginning at the northeast corner of said Outlot B, PRAIRIE TRAIL PARK PLAT 1; thence South 00 degrees 08 minutes 43 seconds West, along the east line of said Outlot B, PRAIRIE TRAIL PARK PLAT 1, a distance of 603.51 feet, to the north line of said Outlot C, PRAIRIE TRAIL PARK PLAT 1; thence northeasterly 82.94 feet along a curve to the right, not tangent to the last described line, along said north line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, having a radius of 330.50 feet, a delta angle of 14 degrees 22 minutes 42 seconds and a chord distance of 82.72 feet which bears North 80 degrees 07 minutes 23 seconds East; thence North 43 degrees 43 minutes 47 seconds East, not tangent to the last described curve, continuing along said north line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, a distance of 41.36 feet, to the east line of said PRAIRIE TRAIL PARK PLAT 1; thence South 00 degrees 08 minutes 51 seconds West, along said east line of PRAIRIE TRAIL PARK PLAT 1, a distance of 128.24 feet, to the south line of said Outlot C, PRAIRIE TRAIL PARK PLAT 1; thence North 47 degrees 03 minutes 07 seconds West, along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, a distance of 44.02 feet; thence southwesterly 97.17 feet along a curve to the left, not tangent to the last described line, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, having a radius of 262.50 feet, a delta angle of 21 degrees 12 minutes 37 seconds and a chord distance of 96.62 feet which bears South 75 degrees 08 minutes 36 seconds West; thence southwesterly 56.06 feet along a reverse curve to the right, tangent to the last described curve, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, having a radius of 687.50 feet, a delta angle of 04 degrees 40 minutes 18 seconds and a chord distance of 56.04 feet which bears South 66 degrees 52 minutes 27 seconds West; thence southwesterly 72.82 feet along a compound curve to the right, tangent to the last described curve, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, having a radius of 314.00 feet, a delta angle of 13 degrees 17 minutes 18 seconds and a chord distance of 72.66 feet which bears South 75 degrees 51 minutes 14 seconds West; thence South 82 degrees 29 minutes 53 seconds West, tangent to the last described curve, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, a distance of 85.85 feet; thence southwesterly 86.33 feet along a curve to the right, tangent to the last described curve, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, having a radius of 677.50 feet, a delta angle of 07 degrees 18 minutes 04 seconds and a chord distance of 86.27 feet which bears South 86 degrees 08 minutes 55 seconds West; thence South 89 degrees 47 minutes 57 seconds West, tangent to the last described curve, continuing along said south line of Outlot C, PRAIRIE TRAIL PARK PLAT 1, a distance of 25.00 feet, to east right-of-way line of SW School Street; thence North 00 degrees 12 minutes 03 seconds West, along said east right-of-way line of SW School Street, a distance of 673.91 feet; thence northeasterly 23.70 feet along a curve to the right, tangent to the last described line, continuing along said east right-of-way line of SW School Street, having a radius of 1001.50 feet, a delta angle of 01 degree 21 minutes 21 seconds and a chord distance of 23.70 feet which bears North 00 degrees 28 minutes 38 seconds East, to the north line of said Outlot B, PRAIRIE TRAIL PARK PLAT 1; thence northeasterly 34.74 feet along a compound curve to the right, tangent to the last described curve, along said north line of Outlot B, PRAIRIE TRAIL PARK PLAT 1, having a radius of 25.00 feet, a delta angle of 79 degrees 36 minutes 54 seconds and a chord distance of 32.01 feet which bears North 40 degrees 57 minutes 45 seconds East; thence northeasterly 40.14 feet along a reverse curve to the left, tangent to the last described curve, continuing along said north line of Outlot B, PRAIRIE TRAIL PARK PLAT 1, having a radius of 657.50 feet, a delta angle of 03 degrees 29 minutes 52 seconds and a chord distance of 40.13 feet which bears North 79 degrees 01 minute 16 seconds East; thence northeasterly 95.90 feet along a reverse curve to the right, tangent to the last described curve, continuing along said north line of Outlot B, PRAIRIE TRAIL PARK PLAT 1, having a radius of 972.50 feet, a delta angle of 05 degrees 39 minutes 00 seconds and a chord distance of 95.86 feet which bears North 80 degrees 05 minutes 49 seconds East; thence southeasterly 173.50 feet along a compound curve to the right, tangent to the last described curve, continuing along said north line of Outlot B, PRAIRIE TRAIL PARK PLAT 1, having a radius of 572.50 feet, a delta angle of 17 degrees 21 minutes 51 seconds and a chord distance of 172.84 feet which bears South 88 degrees 23 minutes 46 seconds East; thence southeasterly 10.31 feet along a reverse curve to the left, tangent to the last described curve, continuing along said north line of Outlot B, PRAIRIE TRAIL PARK PLAT 1, having a radius of 631.00 feet, a delta angle of 00 degrees 56 minutes 09 seconds and a chord distance of 10.31 feet which bears South 80 degrees 10 minutes 55 seconds East, to said east line of Outlot B, PRAIRIE TRAIL PARK PLAT 1 and said Point of Beginning.

Containing 5.76 acres more or less.

Said parcel is subject to all easements and restrictions.

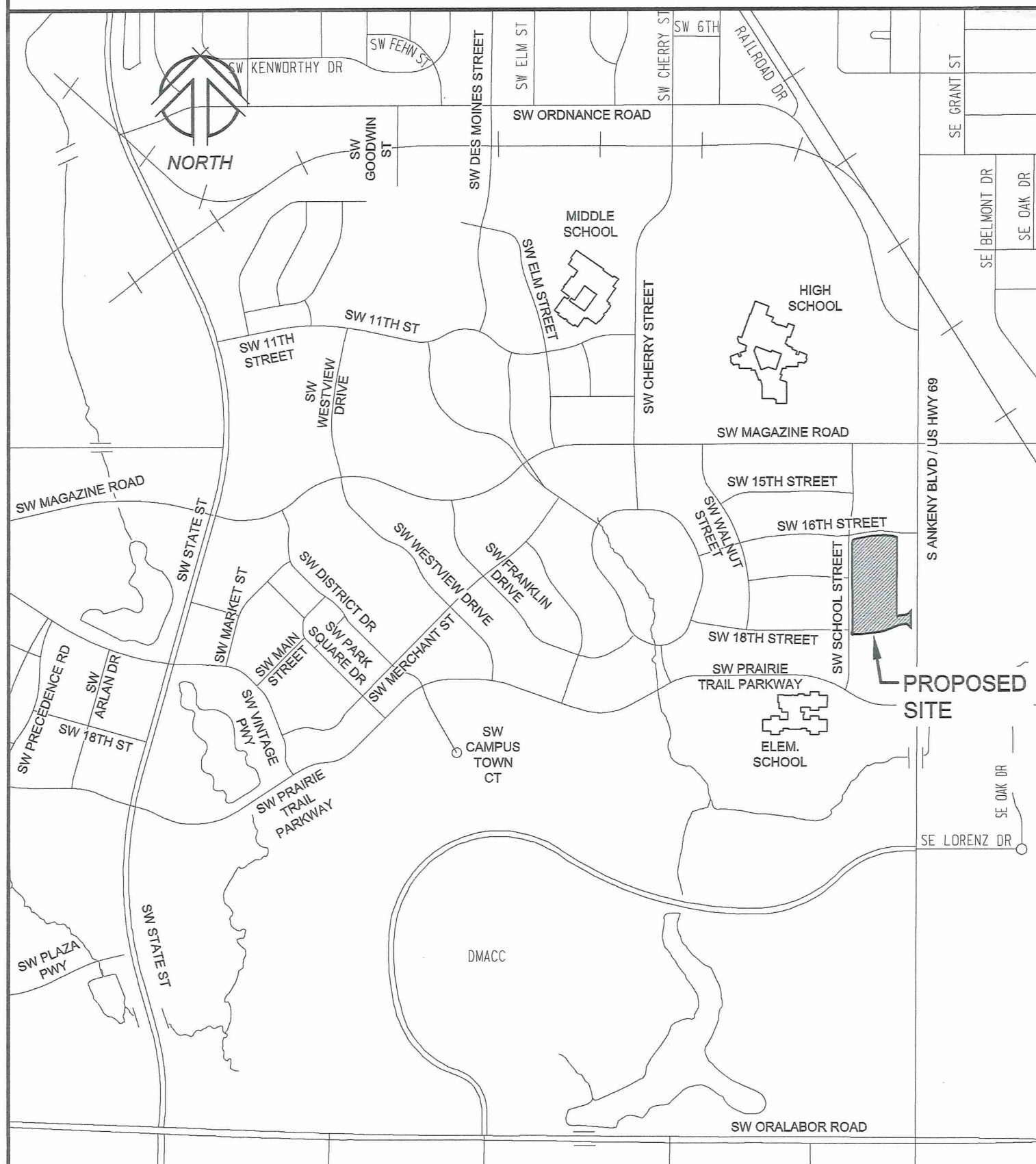
I hereby grant administrative approval of the final plat for Heritage Commercial at Prairie Trail Plat 1 as set forth in the Prairie Trail Planned Unit Development Heritage Commercial at Prairie Trail Neighborhood Plan.

CITY OF ANKENY, IA
Eric Jensen, Director
Community Development Department

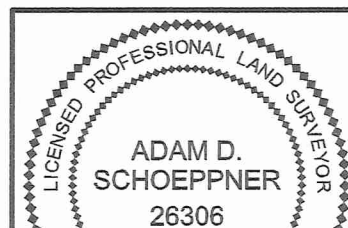
ATTEST:
Brenda Fuglsang 12-7-2023
Brenda Fuglsang Date
Administrative Assistant

VICINITY MAP

SCALE: 1" = 1000'



CERTIFICATION



I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly Licensed Professional Land Surveyor under the laws of the State of Iowa.

Signature: Adam D. Schoeppner, P.L.S. No. 26306 Date: 12/16/2023
Name: Adam D. Schoeppner, P.L.S. No. 26306 Date of survey: 04/10/22
My license renewal date is December 31, 2025
Pages or sheets covered by this seal: Sheet FP-1 only

SURVEY NOTES

- Land area : 5.76 acres
- Heritage Commercial at Prairie Trail Plat 1 is part of the Heritage Commercial at Prairie Trail Neighborhood Plan, approved by the City of Ankeny.
- Zoning : Prairie Trail Mixed Use Neighborhood Planned Unit Development (Refer to Planned Urban Development guidelines for additional setback restrictions); Restrictions (I.E., building setbacks, height and bulk regulations, etc.) shown hereon are based on information provided and are subject to interpretation.
- The west line of Outlot B, Prairie Trail Park Plat 1, is assumed to bear North 00 degrees 12 minutes 03 seconds West.
- The developer will be responsible for construction of any improvements recommended within the approved Traffic Study.
- The developer will be responsible for construction of any public utilities required for this development.

LEGEND

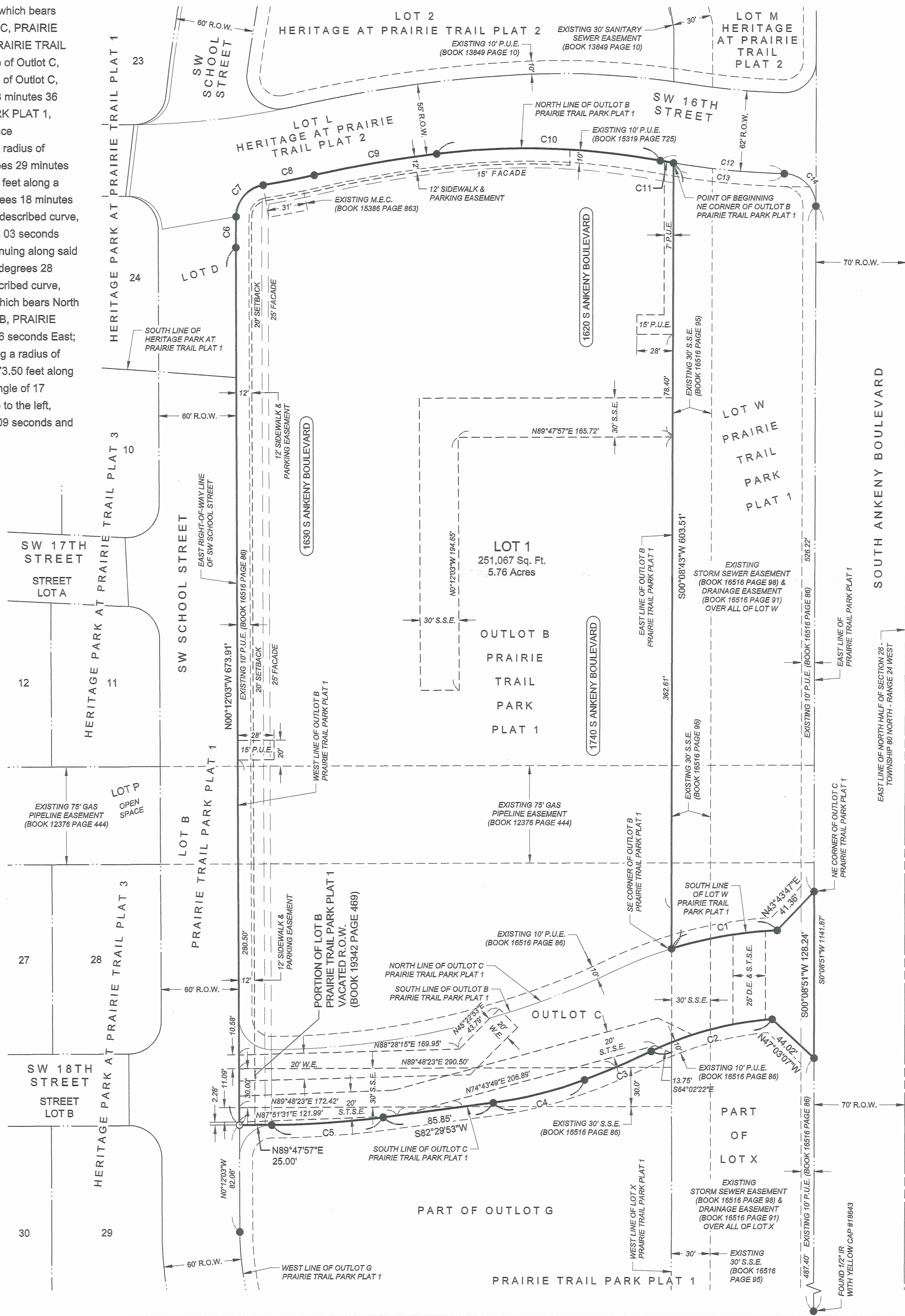
●	Found monument 5/8" IR with red cap #18530 unless otherwise noted
○	Set monument 5/8" IR with blue cap #26306 unless otherwise noted
IR	Round iron rebar (outside diameter)
IP	Round iron pipe (outside diameter)
(R)	Record dimension
R.O.W.	Right - of - way
D.E.	Drainage Easement
E.E.	Electric Easement
I.E.E.	Ingress / Egress Easement
M.E.C.	MidAmerican Energy Company Underground Electric Easement
P.U.E.	Public Utility Easement
S.S.E.	Sanitary Sewer Easement
S.T.S.E.	Storm Sewer Easement
S.W.E.	Sidewalk Easement
S.W.F.E.	Surface Water Flowage Easement
S.W.M.F.C.	Storm Water Management Facility Maintenance Covenant And Permanent Easement
W.E.	Water main Easement
---	Subject boundary line
---	Proposed boundary line
---	Proposed easement line
---	Existing boundary line
---	Existing easement line
---	Section line

BENCHMARK

- Top of rim of the sanitary sewer manhole located at the intersection of SW 18th Street and SW Walnut Street. Elevation = 957.64 feet (NAVD88)
- Top of rim of the sanitary sewer manhole located at the intersection of SW 18th Street and SW School Street. Elevation = 954.35 feet (NAVD88)

CURVE TABLE

Curve #	Length	Radius	Delta	Chord Distance	Chord Bearing
C1	82.94'	330.50'	14°22'42"	82.72'	N80°07'23"E
C2	97.17'	282.50'	21°12'37"	96.62'	S75°08'36"W
C3	56.06'	687.50'	4°40'18"	56.04'	S66°52'27"W
C4	72.82'	314.00'	13°17'18"	72.66'	S78°51'14"W
C5	86.33'	677.50'	7°18'04"	86.27'	S86°08'55"W
C6	23.70'	1001.50'	1°21'21"	23.70'	N00°28'38"E
C7	34.74'	25.00'	79°36'54"	32.01'	N40°57'45"E
C8	40.14'	657.50'	3°29'52"	40.13'	N79°01'16"E
C9	95.90'	972.50'	5°39'00"	95.86'	N80°05'49"E
C10	173.50'	572.50'	17°21'51"	172.84'	S88°23'46"E
C11	10.31'	631.00'	0°56'08"	10.31'	N80°10'55"E
C12	96.34'	631.00'	8°44'53"	96.25'	S84°05'17"E
C13	86.04'	631.00'	7°48'44"	85.97'	S84°33'21"E
C14	38.68'	25.00'	88°38'34"	34.92'	N44°09'26"W



1933 SW MAGAZINE ROAD
ANKENY, IOWA 50023
(515) 965-0123 phone - (515) 965-3322 fax
Civil Engineering - Land Surveying
Landscape Architecture

NILLES ASSOCIATES

REVISIONS:
1) 09/02/22 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
2) 11/11/22 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
3) 11/11/22 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
4) 09/02/23 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
5) 11/11/23 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
6) 11/11/23 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.
7) 12/16/23 CITY TECH REVIEW COMMENTS AND ALL RESPONSIBILITY AND LIABILITY FOR ANY ERRORS OR OMISSIONS SHALL REMAIN WITH THE SURVEYOR.

HERITAGE COMMERCIAL AT PRAIRIE TRAIL PLAT 1

FINAL PLAT

PROJECT NAME: HERITAGE COMMERCIAL AT PRAIRIE TRAIL PLAT 1
DRAWN BY: T.J.H.
CHECKED BY: ADS
SHEET NO.: 1/1
DATE: 12/16/2023
BY: ADS
SHEET NO.: 1/1

RECEIVED
DEC 06 2023
CITY OF ANKENY



*City Council
Staff Report*

Meeting Date: December 18, 2023

Agenda Item: Heritage Commercial at Prairie Trail Plat 1

Report Date: December 13, 2023

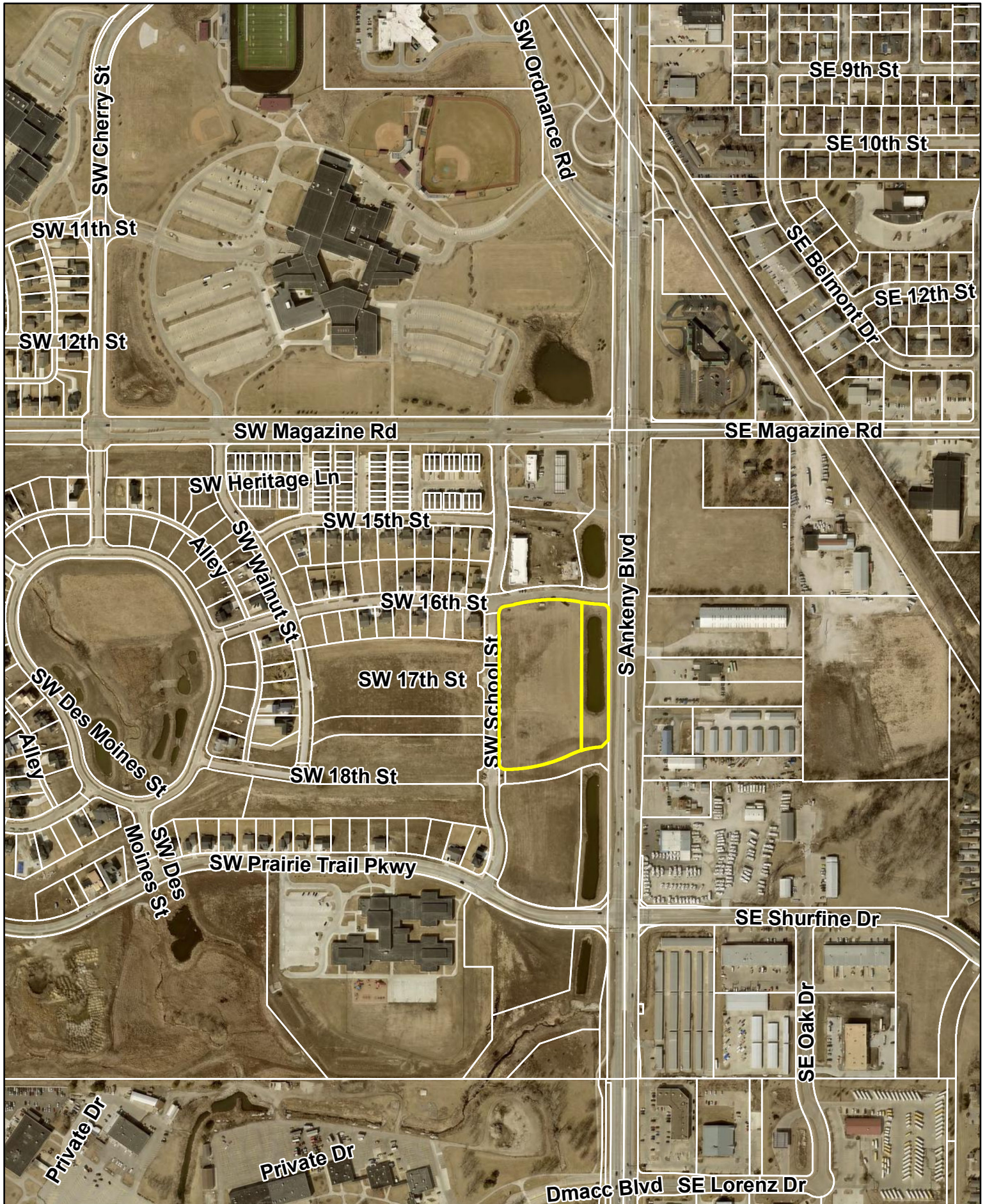
Prepared by: Laura Hutzell
Associate Planner

Staff Recommendation

That the final plat for Heritage Commercial at Prairie Trail Plat 1 is hereby approved.

Project Report

Accurate Development has proposed the final plat, Heritage Commercial at Prairie Trail Plat 1 in Prairie Trail. The area consists of 1 lot totaling 5.76 acres and is located west of South Ankeny Blvd and south of SW 16th Street in Prairie Trail. Accurate Development is planning to begin development of this lot in the spring of 2024 and a site plan with public improvement plans are under review. Accurate constructed a similar mixed-use commercial site north of SW 16th Street that was approved in 2021.



N



1 inch = 500 feet

Date: 12/11/2023

**Heritage Commercial at Prairie Trail Plat 1
Final Plat**

December 8, 2023

City of Ankeny
1210 NW Prairie Ridge Drive
Ankeny, Iowa 50023

RE: Heritage Commercial Plat 1 Final Plat– request for approval letter

Planning and Building Director, Honorable Mayor, and Members of the City Council:

On behalf of Accurate Development, we are pleased to submit the Final Plat for Heritage Commercial Plat 1 in Prairie Trail. The area consists of 1 Lot totaling 5.76 acres and is located west of South Ankeny Blvd and south of SW 16th Street in Prairie Trail. Accurate Development is planning to begin development of this lot in the spring of 2024 and a Site Plan along with Public Improvement plans are under review. Accurate constructed a similar mixed use commercial site north of SW 16th street that was approved in 2021.

We respectfully request the City's review and approval of this Final Plat. If you should have any questions or require any additional information, please feel free to contact me to discuss such items further. Thank you very much for your time and consideration.

Sincerely,



Adam Schoeppner, PLS
NILLES ASSOCIATES, INC.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
Planning and Building

COUNCIL GOAL:
Ensure Economic Vitality

ACTION REQUESTED:
Resolution

LEGAL:

SUBJECT:

Consider motion to adopt **RESOLUTION** to allow Lot 9, Parkway North at Prairie Trail Plat 2, driveway access onto SW Des Moines Street, by removing note 12 from the Parkway North at Prairie Trail Plat 2 final plat.

EXECUTIVE SUMMARY:

Parkway North at Prairie Trail Plat 2 final plat was approved by City Council September 16, 2019. On the plat document is a note that states: 12. Lot 9 shall have no driveway access onto SW Des Moines Street. Lot 9, Parkway North at Prairie Trail Plat 2 final plat is commonly known as 1101 SW Des Moines Street. The property is a corner lot owned by Kimberley Development and a house plan has been reviewed by the Prairie Trail Architectural Review Board in preparation for an application for a building permit. The current proposed house and site plan for Lot 9 includes a driveway onto SW Des Moines Street. Kimberley Development has provided a request to City Council to remove the plat note in order to allow the proposed residential driveway access onto SW Des Moines Street. The plat note originated with a staff technical review committee recommendation from the Public Works Traffic Division. At the time of review SW 11th Street was not connected as a through street, and the land uses to the north and south of SW 11th Street were not fully determined. At this time, SW 11th Street connects Ankeny High School at SW Cherry Street to SW State Street with a traffic light. The current Traffic Division recommendation is that the driveway be on SW Des Moines Street. The note change would allow staff to continue to review the

house plan for Lot 9 as proposed for permitting. Lot 9 is the only lot that is affected by this plat note

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

Approve and accept resolution.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Final Plat Markup
 Staff Report
 Aerial Map
 Applicant Letter

When Recorded Return to:

City of Ankeny, Iowa
Attn: City Clerk
410 West First Street
Ankeny, IA 50023

To be linked to the previously recorded Parkway North at Prairie Trail Plat 2 – Final Plat Recorded at Book 17529 Pages 123-132

Preparer Information: Deb Gervais, City of Ankeny, Iowa, 1210 NW Prairie Ridge Drive, Ankeny, IA 50023

Phone: 515-963-3558

RESOLUTION

**A RESOLUTION TO ALLOW LOT 9, PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2,
DRIVEWAY ACCESS ONTO SW DES MOINES STREET, BY REMOVING NOTE 12 FROM
THE PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2 FINAL PLAT**

WHEREAS, the final plat for Parkway North at Prairie Trail Plat 2 includes a plat note that states:

“12. Lot 9 shall have no driveway access onto SW Des Moines Street;” and

WHEREAS, City Council received a request to remove the plat note in order to allow a residential driveway access onto SW Des Moines Street; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Ankeny, Iowa, hereby allows Lot 9, Parkway North at Prairie Trail Plat 2 driveway access onto SW Des Moines Street, by removing Note 12 from the Parkway North at Prairie Trail Plat 2 final plat.

PASSED AND APPROVED this 18th day of December 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2

INDEX LEGEND

COUNTY: POLK COUNTY, IOWA CITY: ANKENY

LOCATION:
OUTLOTS E, H, AND Y
PARKWAY NORTH AT PRAIRIE TRAIL PLAT 1

REQUESTED BY: DRA PROPERTIES, LC
& PROPRIETOR: 1525 NE 36TH STREET
ANKENY, IOWA 50021
(515) 964-9444

SURVEYOR: THAREN J. HELGERSON, PLS #18530

SURVEY COMPANY: NILLES ASSOCIATES, INC.

RETURN TO: THAREN J. HELGERSON,
NILLES ASSOCIATES, INC.
1250 SW STATE STREET, SUITE A
ANKENY, IOWA 50023 PH: (515) 965-0123

WHEN RECORDED RETURN TO:
CITY OF ANKENY, City Clerk
410 West First Street
Ankeny, IA 50021

I hereby grant administrative approval of the final plat for Parkway North at Prairie Trail Plat 2 as set forth in the Prairie Trail Planned Unit Development Parkway North at Prairie Trail Neighborhood Plan.

CITY OF ANKENY, IA

Eric Keim, Director
Planning & Building Department

ATTEST:

Brenda Fugling 9-10-19
Brenda Fugling, Date
Administrative Assistant

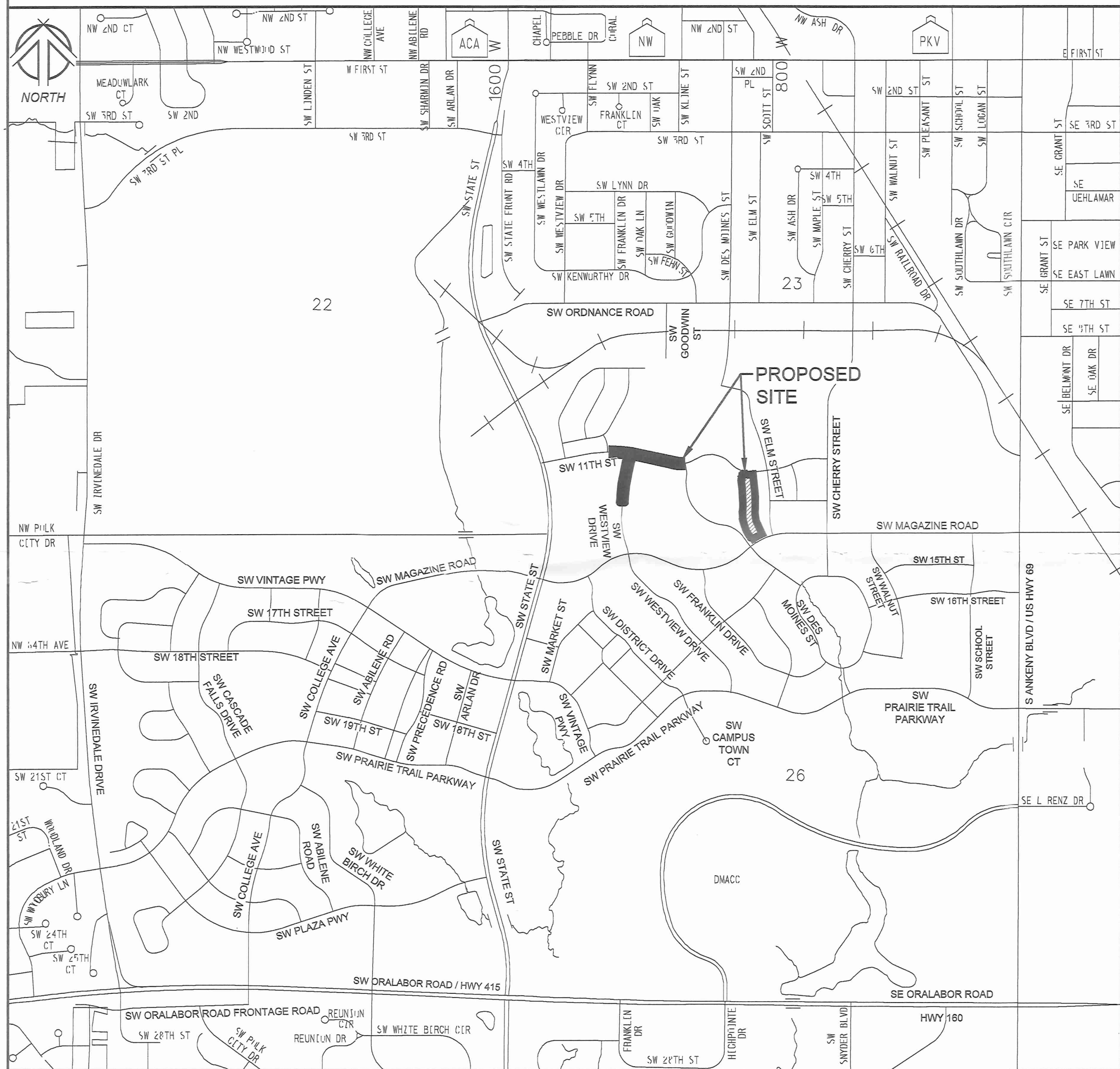
WHEN RECORDED RETURN TO:
CITY OF ANKENY, City Clerk
410 West First Street
Ankeny, IA 50021

APPROVED
ANKENY CITY COUNCIL
Date: 9-16-19
Res./Ord. No. 2019-388
Jennifer Delaney, City Clerk

Doc ID: 034429480010 Type: PLT
Kind: PLAT
Recorded: 10/04/2019 at 12:37:28 PM
Fee Amt: \$82.00 Page 1 of 10
POLK COUNTY IOWA
JULIE M. HARGETY RECORDER
File# 2019-00031107
BK 17529 PG 123-132

VICINITY MAP

SCALE: 1" = 1000'



BENCHMARKS

- Top of rim of existing sanitary manhole, located at the intersection of SW Des Moines Street and SW Elm Street. Elevation = 984.08' (NAVD88)
- Top of rim of existing sanitary manhole, located at the intersection of SW 11th Street and SW Elm Street. Elevation = 981.99' (NAVD88)

GENERAL NOTES

- Land area : 4.05 acres
- PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2 is part of the amended Vintage Hills Neighborhood Plan and the Parkway North at Prairie Trail Neighborhood Plan, as approved by the City of Ankeny.
- Lots E and H shall be dedicated to the City of Ankeny for public right-of-way purposes.
- Street lights to be provided by developer.
- There are no minimum protection elevations required for this Plat.
- The developer shall be responsible for any recommended improvements required within the approved traffic impact study for the Parkway North at Prairie Trail neighborhood.
- Zoning : Prairie Trail Mixed Use Neighborhood Planned Unit Development (Refer to Planned Urban Development guidelines for additional setback restrictions); Restrictions (I.E., building setbacks, height and bulk regulations, etc.) shown hereon are based on information provided and are subject to interpretation. We cannot certify to a restriction on the basis of an interpretation or the opinion of another party.
- 8' sidewalks will be installed along the north side of SW 11th Street, along the east side of the south two way portion of SW Des Moines Street, and along the east and west sides of the inside loop of the one way SW Des Moines Street. 5' sidewalks will be required along all other public streets.
- Lot 9 shall have no driveway access onto SW Des Moines Street.
- Lot 1, street side yard maximum setback will not be applied because of the existing MidAmerican Energy Company Electric Transmission Line Easement, as shown on the easement recorded in Book 14109, Page 951. The home will front onto SW Magazine road with driveway access onto SW Des Moines Street.
- The driveway for Lot 1 needs to be installed as far north on SW Des Moines Street as possible.
- The north line of Outlot X, PARKWAY NORTH AT PRAIRIE TRAIL PLAT 1 is assumed to bear North 89 degrees 57 minutes 25 seconds East.
- The site lies within Zone X, areas determined to be outside the 0.2% Annual Chance Floodplain, as shown on the Flood Insurance Rate Map Community Panel Number 190226 0205 F, with an effective date of February 1, 2019.
- No franchise utility transformers, switch gears, pedestals or other cabinetry will be situated within a Public Utility Easement within the front or side yard of any residential lot. The intent for said easement is for distribution purposes only. All such above-ground cabinetry shall be placed within the provided Public Utility Easements located in the rear yards of the residential lots or in future easements created in office or commercial parcels.

LEGEND

●	Found monument 5/8" IR with red cap #18530 unless otherwise noted
○	Found monument 1/2" IR with yellow cap #18643 unless otherwise noted
○	Set monument 5/8" IR with red cap #18530 unless otherwise noted
IR	Round iron rebar (outside diameter)
IP	Round iron pipe (outside diameter)
MPE	Minimum Protection Elevation
E.E.	Electric Easement
P.U.E.	Public Utility Easement
D.E.	Drainage Easement
S.S.E.	Sanitary Sewer Easement
S.T.S.E.	Storm Sewer Easement
S.W.F.E.	Surface Water Flowage Easement
W.E.	Water main Easement
G.E.	Gas Easement
M.E.C.	MidAmerican Energy Company Electric Easement
(R)	Record dimension
1234	Lot Address
---	Subject boundary line
---	Proposed boundary line
---	Proposed easement line
---	Proposed road centerline
---	Section line
---	Existing boundary line
---	Existing easement line

PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2 LEGAL DESCRIPTION

Outlots E, H, and Y, PARKWAY NORTH AT PRAIRIE TRAIL PLAT 1, an official plat, located in the City of Ankeny, Polk County, Iowa.
Containing 4.05 acres more or less.

Said parcel is subject to all easements and restrictions.

CERTIFICATION

	I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED SURVEY WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.	
	SIGNATURE	DATE
	THAREN J. HELGERSON, L.S. NO. 18530	09/06/19
	MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020 DATE OF SURVEY: 02/07/19	

1250 SW STATE STREET, SUITE A
ANKENY IOWA, 50023-2555
(515) 965-0123 phone - (515) 965-3322 fax
Cm Engineering Land Surveying
Landscape Architecture

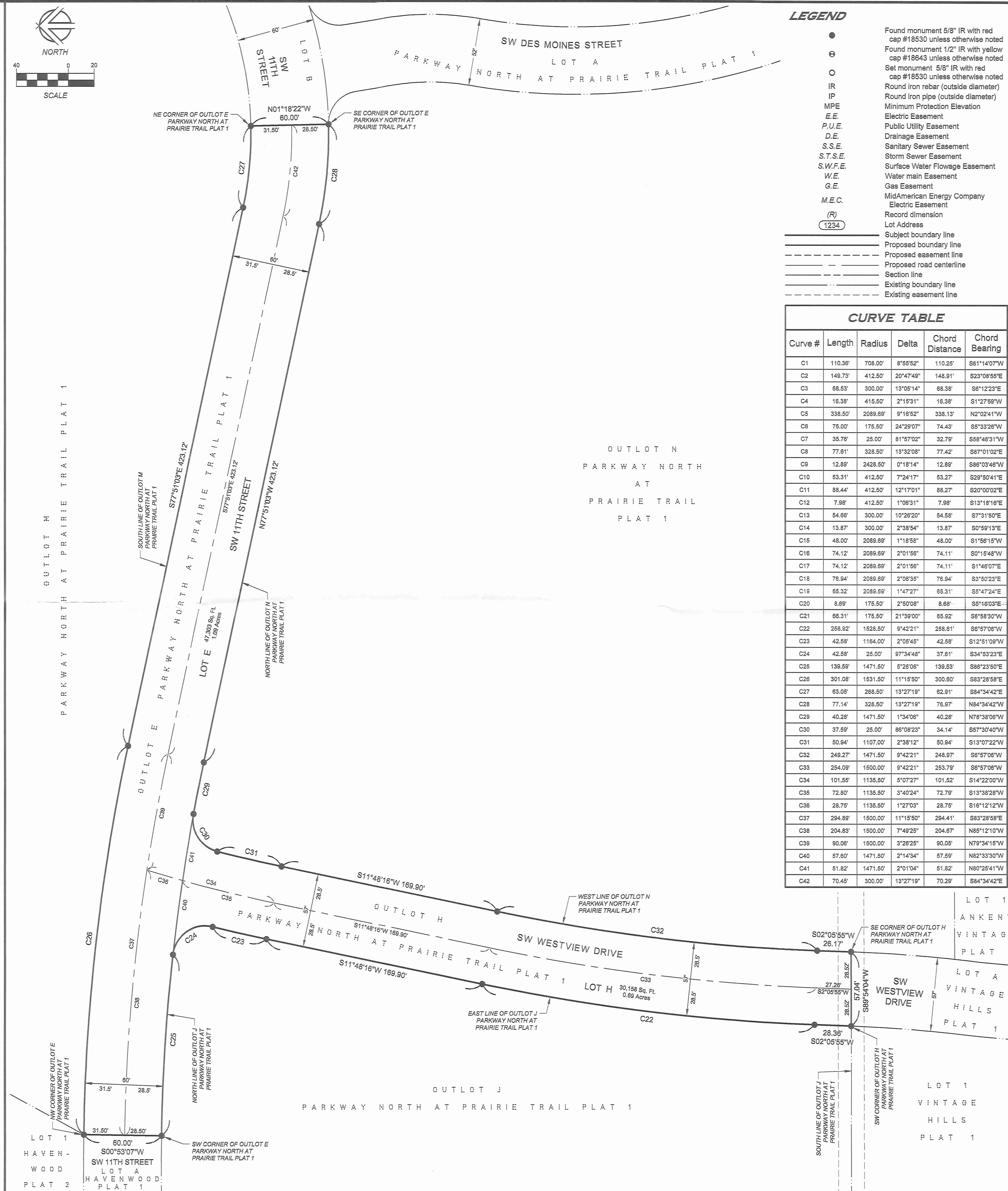
NILLES ASSOCIATES

REVISIONS:
1) 08/27/19 - CITY COUNCIL SUBMITTAL
2) 08/27/19 - CITY COUNCIL SUBMITTAL
3) 08/27/19 - CITY COUNCIL SUBMITTAL
4) 08/27/19 - CITY COUNCIL SUBMITTAL
5) 08/27/19 - CITY COUNCIL SUBMITTAL
6) 08/27/19 - CITY COUNCIL SUBMITTAL
7) 08/27/19 - CITY COUNCIL SUBMITTAL

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PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2
ANKENY, IOWA
FINAL PLAT

PROJECT NAME: PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2
DRAWN BY: TJH
CHECKED BY: JPN
SHEET SIZE: 24" X 36"
SHEET TITLE: FP-1
SHEET NO.: 1/2



LEGEND

- IR
- IP
- MPE
- E.E.
- P.U.E.
- D.E.
- S.S.E.
- S.T.S.E.
- S.W.F.E.
- W.E.
- G.E.
- M.E.C.
- (R)
- 1234

Found monument 5/8" IR with red cap #18530 unless otherwise noted
Found monument 1/2" IR with yellow cap #18543 unless otherwise noted
Set monument 5/8" IR with red cap #18530 unless otherwise noted
Round iron rebar (outside diameter)
Minimum Protection Elevation
Electric Easement
Public Utility Easement
Drainage Easement
Sanitary Sewer Easement
Storm Sewer Easement
Surface Water Flowage Easement
Water main Easement
Gas Easement
MidAmerican Energy Company
Electric Easement
Record dimension
Lot Address
Subject boundary line
Proposed boundary line
Proposed easement line
Proposed road centerline
Section line
Existing boundary line
Existing easement line

CURVE TABLE				
Curve #	Length	Radius	Delta	Chord
C1	110.36'	708.00'	8°55'52"	110.25'
C2	149.73'	412.50'	20°47'49"	148.91'
C3	68.63'	300.00'	13°09'14"	68.38'
C4	16.38'	415.50'	2°15'31"	16.38'
C5	338.50'	2089.69'	9°16'52"	338.13'
C6	75.00'	175.50'	24°29'07"	74.43'
C7	35.78'	25.00'	81°57'02"	32.79'
C8	77.61'	328.50'	13°32'08"	77.42'
C9	12.89'	2428.50'	0°18'14"	12.89'
C10	53.31'	412.50'	7°24'17"	53.27'
C11	88.44'	412.50'	12°17'01"	88.27'
C12	7.98'	412.50'	1°06'31"	7.98'
C13	54.68'	300.00'	10°26'20"	54.58'
C14	13.87'	300.00'	2°38'54"	13.87'
C15	48.00'	2089.69'	1°18'58"	48.00'
C16	74.12'	2089.69'	2°01'55"	74.11'
C17	74.12'	2089.69'	2°01'55"	74.11'
C18	76.94'	2089.69'	2°08'35"	76.94'
C19	55.32'	2089.69'	1°47'27"	55.31'
C20	8.69'	175.50'	2°50'08"	8.68'
C21	66.31'	175.50'	21°39'00"	65.92'
C22	258.92'	1528.50'	9°42'21"	258.61'
C23	42.58'	1164.00'	2°05'45"	42.58'
C24	42.58'	25.00'	97°34'48"	37.61'
C25	139.59'	1471.50'	5°25'05"	139.53'
C26	301.08'	1531.50'	11°15'50"	300.60'
C27	63.05'	288.50'	13°27'19"	62.91'
C28	77.14'	328.50'	13°27'19"	76.97'
C29	40.28'	1471.50'	1°34'06"	40.28'
C30	37.59'	25.00'	88°08'23"	34.14'
C31	50.94'	1107.00'	2°38'12"	50.94'
C32	249.27'	1471.50'	9°42'21"	248.97'
C33	254.09'	1500.00'	9°42'21"	253.79'
C34	101.55'	1135.50'	5°07'27"	101.52'
C35	72.80'	1135.50'	3°40'24"	72.79'
C36	28.75'	1135.50'	1°27'03"	28.75'
C37	294.89'	1500.00'	11°15'50"	294.41'
C38	204.83'	1500.00'	7°49'25"	204.67'
C39	90.08'	1500.00'	3°28'25"	90.05'
C40	57.60'	1471.50'	2°14'34"	57.59'
C41	51.82'	1471.50'	2°01'04"	51.82'
C42	70.45'	300.00'	13°27'19"	70.29'

1250 SW STATE STREET, SUITE A
ANKENY, IOWA 50023-2555
(515) 985-0123 phone - (515) 985-3322 fax
C:\Engineering - Land Surveying
Landscape Architecture

NILLES ASSOCIATES

REVISIONS:

1	21/08/2016 - CITY COUNCIL SUBMITTAL	(5)
2	21/08/2016 - CITY COUNCIL SUBMITTAL	(6)
3	21/08/2016 - CITY COUNCIL SUBMITTAL	(7)

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PROJECT NAME: PARKWAY NORTH AT PRAIRIE TRAIL PLAT 2
ANNEY, IOWA

DESCRIPTION: FINAL PLAT

NAI NO.: 19008
DATE: 05/31/19
DRAWN BY: TJH
CHECKED BY: JPN
SHEET SIZE: 24" X 36"
SHEET TITLE: FP-2
SHEET NO.: 2/2



*City Council
Staff Report*

Meeting Date: December 18, 2023

Agenda Item: Parkway North at Prairie Trail Plat 2 – Plat Note Removal

Report Date: December 12, 2023

Prepared by: Deb Gervais, AICP
Senior Planner

Staff Recommendation:

That the City Council approves a resolution to allow Lot 9, Parkway North at Prairie Trail Plat 2, driveway access onto SW Des Moines Street, by removing note 12 from the Parkway North at Prairie Trail Plat 2 final plat.

Project Summary:

Parkway North at Prairie Trail Plat 2 final plat was approved by City Council September 16, 2019. On the plat document is a note that states:

12. Lot 9 shall have no driveway access onto SW Des Moines Street.

Lot 9, Parkway North at Prairie Trail Plat 2 final plat is commonly known as 1101 SW Des Moines Street. The property is a corner lot owned by Kimberley Development and a house plan has been reviewed by the Prairie Trail Architectural Review Board in preparation for an application for a building permit.

The current proposed house and site plan for Lot 9 includes a driveway onto SW Des Moines Street. Kimberley Development has provided a request to City Council to remove the plat note in order to allow the proposed residential driveway access onto SW Des Moines Street.

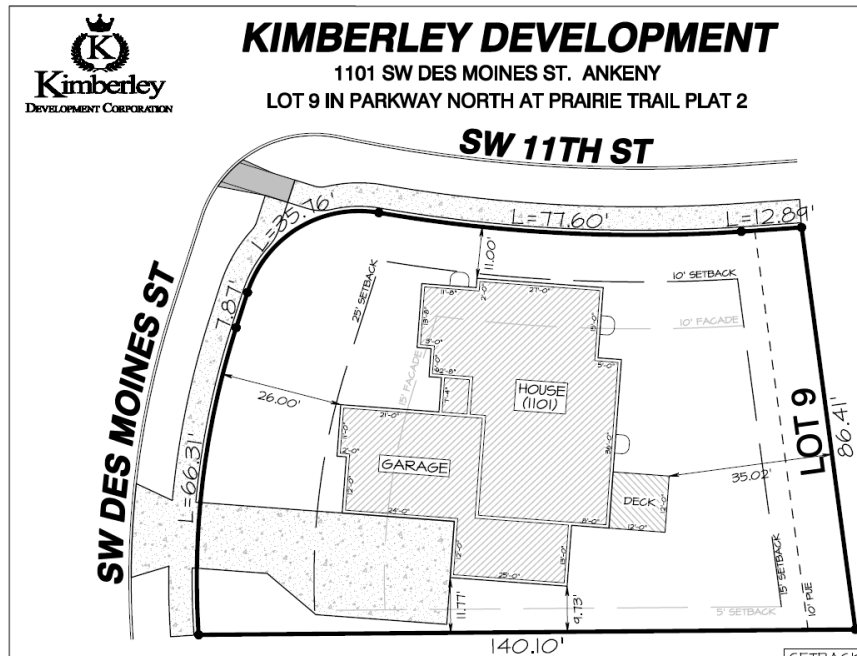
The plat note originated with a staff technical review committee recommendation from the Public Works Traffic Division. At the time of review SW 11th Street was not connected as a through street, and the land uses to the north and south of SW 11th Street were not fully determined. At this time, SW 11th Street connects Ankeny High School at SW Cherry Street to SW State Street with a traffic light. The current Traffic Division recommendation is that the driveway be on SW Des Moines Street.

The note change would allow staff to continue to review the house plan for Lot 9 as proposed for permitting. Lot 9 is the only lot that is affected by this plat note.

Staff recommends that the City Council approves a resolution to allow Lot 9, Parkway North at Prairie Trail Plat 2, driveway access onto SW Des Moines Street, by removing note 12 from the Parkway North at Prairie Trail Plat 2 final plat.



By allowing driveway access from SW Des Moines Street, provides for the most ideal backyard and flows more naturally with the other homes on the street. A preliminary site plan is below for quick reference.



We appreciate your consideration.

Kindly,

Kimberley Development Corporation

12/11/2023



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Motion

LEGAL:

No Review Required

SUBJECT:

Consider motion to receive and file the 2023 Pavement Management Study and Master Plan as completed by Snyder & Associates, Inc.

EXECUTIVE SUMMARY:

Completing a comprehensive pavement management study and master plan and implementing its recommendations are important to help the City of Ankeny accomplish several of its strategic goals. The condition of the City's street pavement infrastructure is a concern because many streets are approximately the same age, and the number of streets that should be repaired, rehabilitated or reconstructed due to below average pavement condition continues to increase. Also, new streets continue to be added each year due to the City's rapid growth. For example, the centerline miles of public streets increased from 221 miles in 2017 to 273 miles in 2021, which is a 24% increase in just four (4) years. Street pavement infrastructure is an important asset for the City, and it is a significant capital investment. The study and master plan will help obtain the most value from the street pavement infrastructure.

In early December, the Public Works Department and its engineering consultant completed the 2023

Pavement Management Study and Master Plan (Study). The purpose of the Study was to determine existing pavement conditions and deficiencies; provide recommendations for improving pavements; update and prioritize the list of pavement improvement projects in the Capital Improvement Program (CIP); and create options for the City to consider when determining funding amounts for pavement improvements. Also, the Study provided recommendations for improving the City's pavement design standards for public streets constructed with development projects. The Study will be used as the basis for the City's pavement management program moving forward.

Public Works staff provided the City Council with an overview of the Study at a Council Action Planning Session on October 16, 2023.

After the Study is received and filed, the next steps for the City include:

- A) Continue to support recommendations from the City Manager to incrementally increase funding for pavement improvement projects in the CIP, particularly pavement preservation; and pavement maintenance and repairs;
- B) Consider requiring improved pavement design standards for public streets constructed with development projects as a separate and future policy decision by the City Council in 2024;
- C) Continue to plan for, design and construct pavement improvement projects;
- D) Monitor pavement conditions and the City's overall Pavement Condition Index (PCI); and
- E) Review the recommended prioritized project lists annually during the CIP preparation process.

FISCAL IMPACT: No

The consultant costs for developing the 2023 Pavement Management Study and Master Plan were included in the FY 2021 and 2022 operating budget for the Public Works Department.

CITY MANAGER'S RECOMMENDATIONS:

Approve motion to receive and file the 2023 Pavement Management Study and Master Plan as completed by Snyder & Associates, Inc.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download

 [2023 Pavement Management Study and Master Plan](#)

2023 PAVEMENT MANAGEMENT STUDY AND MASTER PLAN

City of Ankeny, Iowa

Ankeny, Iowa | December 11, 2023

2023 Pavement Management Study and Master Plan

City of Ankeny, Iowa

Ankeny, Iowa | December 11, 2023

Prepared for:

CITY OF ANKENY
410 West First Street
Ankeny, IA 50023

Snyder & Associates, Inc. Project No. 120.0688

Prepared by:

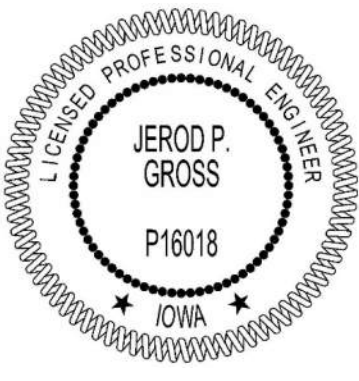
	I hereby certify that this Engineering Document was prepared by me or under my direct personal supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Iowa.  December 11, 2023 Date Jerod P. Gross P.E. License Number P16018 My License Renewal Date is December 31, 2023 Pages or sheets covered by this seal: <u>ALL</u>
---	--

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1. EXECUTIVE SUMMARY

Purpose

The purpose of this study is to provide a comprehensive Pavement Management Study and Master Plan for guiding improvements to the City of Ankeny's street network. The study includes a determination of existing pavement deficiencies, recommendations for improving the pavements, and recommendations for changes to the City's pavement design standards. The recommended pavement design standards will provide updated guidance for applicable pavement preservation, reconstruction, and new construction projects in the City's Capital Improvement Program (CIP) as well as private development projects within the City.

The study includes the entire City pavement network consisting of 286 centerline miles (as of 2022) of major and minor arterial streets, major and minor collector streets, and local streets. The study focused on the more heavily traveled streets (arterials and collectors); however, ten (10) local streets exhibiting deterioration were also evaluated to understand the pavement deficiencies and recommendations for improvement. During field evaluation, areas that exhibited an accelerated rate of deterioration were identified. This study includes the causes of deterioration, treatment recommendations, and prevention measures to avoid similar deterioration in the future.

The pavement management master plan provides an important tool that the City can use for more informed and strategic spending on street improvement projects. Without a master plan, the long-term benefits for the City are difficult to recognize and there is risk for inefficient spending. This master plan provides a detailed list of projects based on optimized and time critical funding for pavement improvements. The funding is programmed for projects with the goal of improving the right pavements at the right time to produce the best overall condition across the entire pavement network.

Objectives

The Pavement Management Study and Master Plan provides the City with the necessary information to:

- Create policy options for the City Council to consider when determining funding amounts for pavement improvements as part of the CIP process
- Update and prioritize the list of projects in the "Streets and Alleys" category of the CIP
- Improve current pavement design standards and construction specifications
- Establish policy goals based on the City's Pavement Condition Index (PCI)

The analysis period for the Pavement Management Study and Master Plan is 10 years, beginning in 2023 and ending in 2032. The 10-year analysis is documented in the recommended street improvements list and is also programmed into the pavement management modeling software.

Pavement Condition Index

Pavement Condition Index (PCI) is a value assigned to a pavement representing its overall quality based on distresses observed in the pavement surface. PCI values range from 0 to 100 with 100 representing a newly constructed pavement with no distresses. The current average PCI value for the City is 74, and it is based on the most recent data collected in 2021. This PCI value is within the “Good” condition classification. In general, the City’s current PCI value is at the same level as or higher than other municipalities in central Iowa. However, a major reason for this is the amount of new streets that have been added to the City’s network on an annual basis. It is important to note that even though 74 is in the “Good” condition classification range, it is a decrease from the City’s average PCI value of 79 in 2019. Also, the amount of streets in the “Poor” and “Very Poor” condition classification ranges has increased moderately in just the last few years.

Analysis

The pavement management process starts with an analysis of current pavement conditions. Pavement condition data was provided by the Center for Transportation Research and Education’s (CTRE) Iowa Pavement Management Program (IPMP). The IPMP is funded by the Iowa Department of Transportation (Iowa DOT) and administered by the Institute for Transportation (InTrans) at Iowa State University. Field evaluations were performed on the pavements to verify and compare actual conditions with the IPMP condition data. The field evaluations were also performed to identify specific pavement distresses, the causes of distress, and recommendations for improvements. The field evaluations also identified areas of accelerated pavement distress.

Upon completion of the field evaluations, pavement condition data was then uploaded into a pavement management software called PAVERTM. This software executes pavement condition prediction models using defined input parameters. The input parameters include pavement improvement types (preservation, rehabilitation, reconstruction, etc.) along with their unit costs, annual funding levels, and desired goals for the City’s pavement conditions. The unit costs used in the analysis were based on 2022 bid tabulations for pavement improvement projects within the City of Ankeny. Pavement improvement types include reconstruction, full-depth and partial-depth repairs, joint and crack cleaning and filling, overlays, and diamond grinding.

Each pavement condition prediction model produced by PAVERTM followed a scenario that included various combinations of funding levels and varying evaluation periods. A model was also evaluated to understand the funding level necessary to maintain the current overall pavement conditions for all of the streets in the City. Finally, a fourth model was developed to determine the funding level necessary to improve the current overall pavement conditions. Table 1 lists the modeling scenarios and results.

Table 1 – Modeling Scenarios and Results

Scenario No.	Description	Result
1	Evaluate resulting PCI over a period of 10 years using the 2023-2027 CIP funding levels then increasing funding 5% annually for the next 5 years starting in 2028	After 10 years, the PCI decreases by 6.0%, from 74 to 70
2	Evaluate resulting PCI over a period of 20 years using the 2023-2027 CIP funding levels then increasing funding by 5% annually for the next 15 years starting in 2028	After 20 years, the PCI decreases by 12.5%, from 74 to 65
3	Determine the annual funding amount required to maintain the current overall PCI of 74 for the next 10 years	An ~15% increase in the 2023 CIP funding amount of \$3,765,000 and an increase of ~7% annually for the next 9 years is needed to maintain the PCI of 74 for the next 10 years
4	Determine the annual funding amount required to improve the current overall PCI by 6%, from 74 to 78, over the next 10 years (i.e. at year 2032, the PCI value would be at 78)	An ~15% increase in the 2023 CIP funding amount of \$3,765,000 and an increase of ~9.5% annually for the next 9 years is needed to improve the PCI by 6%, from 74 to 78

Recommendations

Pavement Condition Index Goal

Due to the current funding levels shown in the 2023–2017 CIP and expected fiscal constraints in the near term, the minimum recommended PCI value is 70. Based on this, Scenario 1 in Table 1 was selected by the City’s Public Works staff. This model was then used to develop the recommended pavement improvements throughout the City. It is important to note that if the funding approach used in Scenario 1 is continued past 10 years, the PCI is expected to fall below 70. If additional funding is made available for pavement improvements, it is recommended that the City establish a minimum PCI goal of 75 for the long term. This would be similar to the funding approach used in Scenario 3 in Table 1.

10-Year Prioritized Projects List

The pavement areas recommended for improvement were studied and refined by analyzing the distress type and quantity as well as assigning the recommended treatment for repair or reconstruction. Pavement improvement costs were tabulated for each of the pavement areas to develop the 10-year recommended prioritized projects list. The 10-year recommended prioritized projects lists are found in Tables 16 through 20 of this document.

Changes to Pavement Design Standards

The following items are recommended for modification within the City of Ankeny’s Pavement Design Standards. Additional detail and discussion on the recommended changes are found in Section 8 of this document. Figure 1 illustrates the pavement foundation system and identifies three critical items: aggregate subbase, subgrade preparation, and subdrain.

Aggregate Subbase

A minimum 6-inch-thick aggregate subbase layer consisting of virgin material meeting the Iowa DOT specifications for Modified Subbase is recommended to be used under all concrete

pavements. The aggregate subbase layer will provide uniform support, improved sub-surface drainage, and the ability to reduce the overall construction schedule.

Subgrade Preparation

The area designated for subgrade preparation should extend to three feet beyond the back of curb line. This will help to ensure proper support for the track lines of concrete slip-form paving machines.

Subdrain

Subdrain pipe is recommended on both sides of the street to improve drainage conditions under the pavement, thereby reducing potential saturation within the aggregate subbase and subgrade support layers. Improved drainage conditions will extend the service life of the pavement.

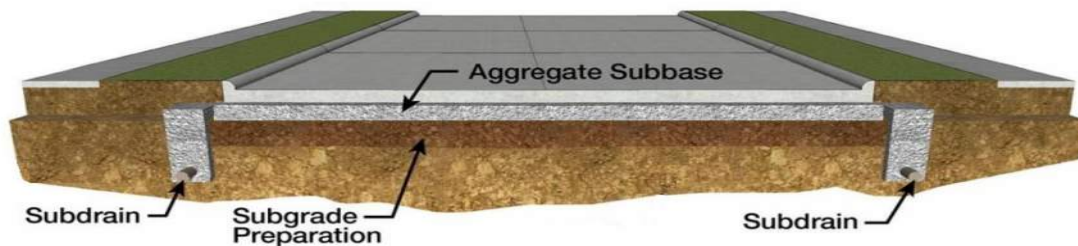


Figure 1 – Pavement Foundation System

C-SUD Concrete Mixture

C-SUD concrete mixtures should be used for all new concrete street pavement for both CIP and Development projects within the City of Ankeny. The use of this concrete mixture will extend the service life of newly constructed concrete streets.

Cost of Pavement Design Standard Changes

Aggregate (rock) subbase, sufficient subgrade preparation, subdrain pipes on both sides of the street, and C-SUD concrete mixtures have been used on the City's CIP projects involving new streets and street replacements or repairs for several years. It is recommended that all public streets constructed with development projects use the pavement design standards utilized on the City's CIP projects to improve the durability and increase the service life of those streets and help maintain the City's PCI value. In general, it is estimated that implementing the recommended pavement design standards for public streets constructed with development projects would cost an additional approximately \$2,800 to \$3,500 per developed house lot in a typical residential subdivision with 65 to 75 feet wide lots. Refer to Tables 24 and 25 for more detailed information on the additional costs. In general terms, it is estimated that it costs approximately 20% to 25% more to construct a street using C-SUD concrete mix, rock subbase, and subdrains on both sides. Also, it is estimated that the service life of a street that is constructed with the recommended pavement design standards can be increased by approximately 40% to 50%. Other municipalities in the Des Moines metro area are currently using some or all of the recommended design standards for their public streets. Refer to Table 27 for detailed information on the pavement design standards for other municipalities.

Conclusion

If the various recommendations that are discussed in this Executive Summary are implemented, it is more likely that the City's PCI value will stop declining at the rate experienced in the past few years. Additional funding will help repair or replace more existing streets. In particular, providing more funding for preventative maintenance is important because it is more economical to rehabilitate a pavement that is in fair to good condition than if the pavement has deteriorated to a poor or very poor condition. Requiring improved pavement design standards for public streets constructed with development projects will help extend the service life of those streets and decrease future maintenance costs. This is important because the amount of new streets constructed with development projects each year is higher than the amount of new streets constructed by the City through the CIP process.

2. INTRODUCTION

Definition of Pavement Management

Pavement management is an engineered system that includes pavement condition inspection and pavement condition prediction to develop repair and maintenance strategies that will optimize spending. A pavement management study includes technical data to assist City staff in making informed decisions in order to maintain a desirable level of street pavement performance while optimizing fiscal resources. The pavement management process includes the following critical steps:

1. Evaluating existing pavement conditions
2. Determining pavement treatment strategies
3. Modeling pavement performance based on various budget scenarios
4. Developing a plan for future improvements

Importance of Pavement Management

Pavement management is important because it provides a plan that optimizes spending for pavement infrastructure. A pavement management plan is not subjective. It is based on quantitative distress data. Without a pavement management plan, there is risk for inefficient spending. In addition, a pavement management plan allows for government agencies to plan accordingly and allocate finances based on current and proposed future spending levels.

How Pavement Management Works

At the beginning of a concrete pavement's service life, the pavement is in excellent condition. As pavements are subjected to traffic loading and environmental factors (such as freeze/thaw cycles), the condition of the pavement decreases over time. When rehabilitating the pavement, it is more economical to spend money when the condition is fair to good than if it has deteriorated to a poor condition. Once the pavement is in poor condition, it will cost significantly more money to improve the condition to an acceptable level. Therefore, if certain improvements are assigned to pavements at the proper time in their service life, the overall pavement network condition will improve, and cost savings will be gained. For example, an improvement assigned to a pavement in good condition may cost \$100,000 to bring it back to an excellent condition. However, if the pavement condition is allowed to deteriorate to a poor condition, it may cost up to \$500,000 to improve the pavement to an excellent condition.

Figure 2 illustrates the pavement condition curve. Within the curve, the preservation treatments are divided into preventative maintenance (joint and crack filling, temporary pothole repair), minor rehabilitation (thin asphalt overlays, pavement patching), and major rehabilitation (concrete overlays, asphalt mill and overlays, asphalt crack, seal, and overlays). Reconstruction is needed when the existing pavement no longer has structural value. With reconstruction, the existing pavement is removed, foundation layers improved, and new pavement is constructed.

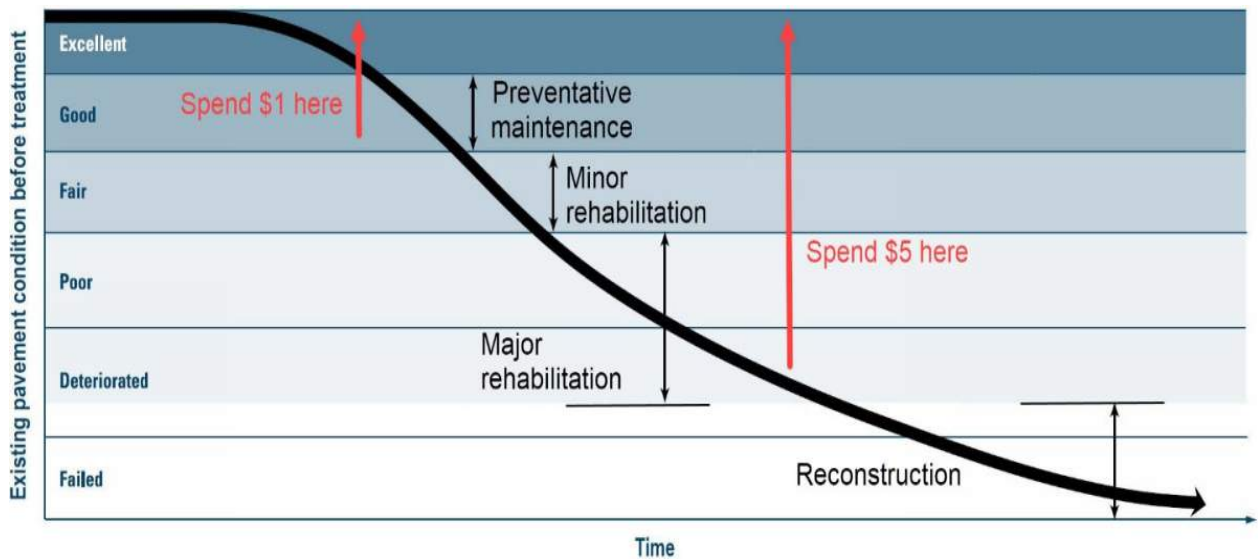


Figure 2 – Pavement Condition Curve

For a pavement management program to be successful, it should be a cyclical process. As shown in Figure 3, the basic process includes three elements: a condition survey, evaluation of budget strategies, and the prioritization and assignment of improvements.

One of the deliverables of the pavement management program is a list of recommended street improvements. These improvements can then be prioritized for incorporation into the City’s Capital Improvement Program (CIP). Due to the pavement conditions changing over time, it is necessary to repeat this process. It is common to evaluate community wide pavement conditions over a three (3) to five (5) year interval. The IPMP collects pavement data every two years with the most recent collection occurring in the summer of 2021. Formatted condition data is typically available to the City the following spring.



Figure 3 – Pavement Management Cycle

3. PRESERVATION METHODS, DEFINITIONS, AND TREATMENTS

A comprehensive guide for the preservation of concrete pavements is the Concrete Pavement Preservation Guide at:

https://intrans.iastate.edu/app/uploads/2018/08/preservation_guide_2nd_ed_508_final.pdf.

The guide provides treatment options for improving pavements based on existing conditions. The Pavement Preservation and Recycling Alliance (PPRA) at: <https://roadresource.org/> is a detailed online resource for asphalt pavement preservation treatments. It offers various treatment recommendations based on pavement criteria and photos of pavement distresses.

There are many terms used to describe construction activities that improve the condition of pavements. In 2005, the Federal Highway Administration (FHWA) completed a memorandum to provide clarification of different terminology. Commonly used terms related to the improvement of pavements are defined below.

Routine Maintenance

Routine maintenance consists of day-to-day activities that are scheduled by a governmental agency's maintenance personnel to maintain and preserve the condition of the street pavement system at a satisfactory level of service. Routine maintenance activities are often performed using agency forces.

Pavement Preservation

Pavement preservation is defined as “a program employing a network level, long-term strategy that enhances pavement performance by an integrated, cost-effective set of practices that extends pavement life, improves safety, and meets motorist expectations.” Pavement preservation activities restore the function of the existing system and extend its service life but do not increase its load carrying capacity or strength.

Preventative Maintenance

The American Association of State Highway Transportation Officials (AASHTO) defines preventative maintenance as “a planned strategy of cost-effective treatments to an existing roadway system and its appurtenances that preserves the system, retards future deterioration, and maintains or improves the functional condition of the system.” This is completed without significantly increasing the structural capacity of the pavement. Preventative maintenance is typically applied to pavements in relatively good condition and that have significant remaining service life.

Rehabilitation

Pavement rehabilitation activities extend the pavement service life by either (1) restoring existing structural capacity, or (2) increasing pavement thickness to accommodate existing or future traffic. Typically, some activities are further defined as major rehabilitation and minor rehabilitation.

Reconstruction

Reconstruction is the replacement of the entire pavement structure by the placement of the equivalent or increased pavement structure. Reconstruction is required when a pavement has either failed or reached a condition where it is no longer financially feasible to make repairs and instead qualifies for replacement.

Figure 4 is a graphical illustration of the pavement preservation curve showing the location along the curve for common pavement preservation terminology.

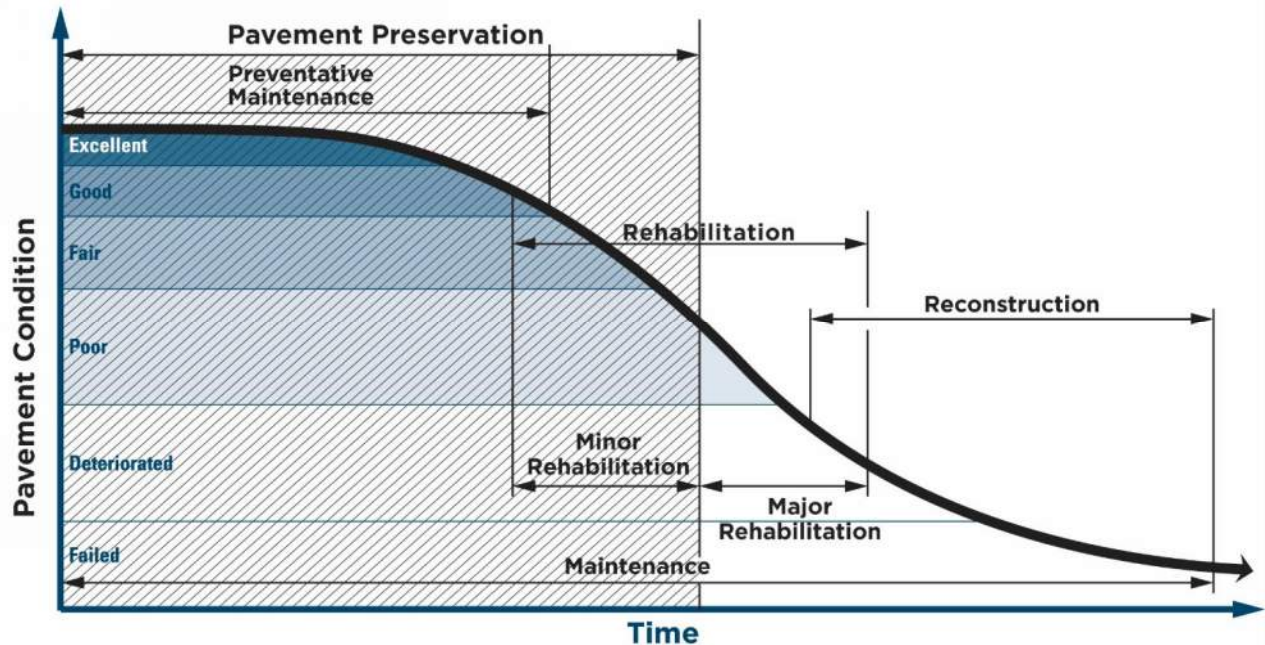


Figure 4 – Pavement Preservation Curve

The benefits of pavement preservation include (1) higher customer satisfaction, (2) improved pavement condition, (3) cost savings, and (4) increased safety (Smith et al., 2014). There are many types of pavement preservation treatments for concrete, asphalt, and composite pavements. In 2019, the FHWA completed a series of updated pocket guide checklists for 23 different preservation treatments. The checklists were developed to give pavement inspectors a quick reference to describe the treatment and list critical items necessary during construction. These checklists are available online at:

<https://www.fhwa.dot.gov/pavement/preservation/ppcl00.cfm>.

In order to determine which treatments to use and when to use them, trigger values and limit values can be used to cost-effectively improve the pavement. A trigger value is a quantitative measurement of a specific distress at which the pavement should receive a preservation treatment. A limit value is a measurement at which additional structural improvement or major rehabilitation treatment is needed. Table 2 lists recommended trigger and limit values.

Table 2 – Recommended PCC Trigger and Limit Values

Type of Distress	Trigger Value	Preservation Treatment	Limit Value	Structural Improvement
Longitudinal and Transverse Cracking	2% of panels	Route and seal or replace panels	10% of panels	Replace panels or HMA overlay
Joint Deterioration	2% of joints	Partial-depth repair	15% of joints	Partial-depth repair and full-depth repair
Transverse Joint Faulting	1/8 inch	Dowel bar retrofit and diamond grinding	3/8 inch	Dowel bar retrofit and diamond grinding
Joint Seal Damage	25% of joints	Crack and joint reseal	N/A	N/A
International Roughness Index (IRI)	80 inches per mile	Diamond grinding or HMA overlay	180 inches per mile	Diamond grinding or HMA overlay

While there are several treatment types, a list of applicable preservation treatments for urban streets is found in Tables 3 and 4.

Table 3 – Urban Preservation Treatments for Concrete Streets

Treatment Type	Benefit	Photo
Partial-Depth Repair	Restores structural capacity for the pavement along joints and cracks if deterioration is limited to the upper half of the pavement; service life is 10 to 15 years.	
Full-Depth Repair	Restores structural capacity for the pavement if deterioration is below the midpoint of the pavement; service life is 20+ years.	
Dowel Bar Retrofit	Provides load transfer across a transverse joint; service life is 20+ years.	
Cross-Stitching	Restores panel structure with angled tie bar steel typically across a longitudinal crack; service life is 20+ years.	
Diamond Grinding	Restores smoothness to the pavement surface by removing 1/8-inch to 1/4-inch of pavement using diamond tipped sawblades; service life is 20+ years.	
Crack and Joint Refill	Protects pavement from infiltration of moisture and deicing salts by cleaning and application of new hot pour filler material in existing pavement joints; service life is 8 to 10 years.	
Surface Sealers	Application of hydrophobic liquid to concrete pavement that penetrates pore structure and blocks moisture; service life varies by product.	
HMA Overlay	A dense HMA overlay placed over rehabilitated concrete pavement or asphalt pavement will slow the development of reflective cracking. A new HMA surface wearing course improves the smoothness of a rehabilitated concrete pavement and provides a global seal. The expected service life is 15 to 20 years.	

Table 4 – Urban Preservation Treatments for Asphalt Streets

Treatment Type	Benefit	Photo
Slurry Seal	Provides a global seal and can improve friction on the surface of an existing asphalt pavement; service life is 4 to 6 years.	
HMA Patching	Restores integrity of asphalt pavement by removal and replacement of spot failures and may require base treatment; service life is 10 to 15 years.	
HMA Overlay	A new HMA surface wearing course improves the smoothness and provides a global seal on the existing pavement. The expected service life is 15 to 20 years.	

Recommended Areas for a Combination of Preservation Treatments

Based on a review of pavement distress on the collector and arterial streets within the City, a list of street segments that would benefit from a combination of preservation treatments was developed and is shown in Table 5.

Table 5 – Street Segment Candidates for a Combination of Preservation Treatments

Street Name	From	To	Treatment Types	Notes
SE Magazine Road	SE Sharon Drive	SE Trilein Drive	Full-depth repairs, diamond grinding, and joint refilling	Approximately 3,800 square yards, has minor joint deterioration and broken panels
SE Shurfine Drive	High Trestle Trail crossing	SE Delaware Avenue	Partial-depth repairs, full-depth repairs, cross-stitching, diamond grinding, and joint refilling	Approximately 10,600 square yards, has longitudinal cracking from excessive panel width, surface spalling, and faulted panels and cracks
NW State Street	NW 4 th Street	NW 10 th Street	Full-depth repairs, diamond grinding and joint refilling	Approximately 9,000 square yards, full-depth panel repair is recommended prior to diamond grinding
SE Hulsizer Drive	SE Dalbey Drive	SE Shurfine Drive	Full-depth repairs, cross-stitching, diamond grinding and joint refilling	Approximately 7,000 square yards, has longitudinal cracking from excessive panel width, full-depth panel repair is recommended prior to diamond grinding
East First Street	SE Grant Street	SE Delaware Avenue	Full-depth repairs, diamond grinding, and joint refilling	Approximately 30,000 square yards, has isolated broken panels along with faulted panels
SE Delaware Avenue	SE 9 th Street	SE 3 rd Street	Partial-depth repairs, full-depth repairs, and joint refilling	Approximately 14,400 square yards, has isolated joint deterioration and broken panels
SE Delaware Avenue	SE Oralabor Road	SE Shurfine Drive	Full-depth repairs, joint refilling, and HMA overlay	Approximately 26,500 square yards, has isolated joint deterioration, broken and faulted panels
NW State Street	NW Prairie Ridge Drive	NW 18 th Street	Full-depth repairs, joint refilling, and HMA overlay	Replace portions of failed partial-depth repairs with 4' wide full-depth repair and HMA overlay.

4. EXISTING PAVEMENT DISTRESSES

Pavement Distress Types

The Distress Identification Manual from the Long-Term Pavement Performance (LTPP) program defines 15 different distresses on asphalt concrete-surfaced pavements (ACP) and 16 distresses for jointed Portland cement concrete-surfaced pavements (JCP) as listed in Table 6.

Table 6 – Pavement Distress Types

Portland Cement Concrete Surfaces	Asphalt Concrete Surfaces
A. Cracking 1. Corner breaks 2. Durability cracking (“D” cracking) 3. Longitudinal cracking 4. Transverse cracking B. Joint Deficiencies 5. Joint seal damage 5a. Transverse joint seal damage 5b. Longitudinal joint seal damage 6. Spalling of longitudinal joints 7. Spalling of transverse joints C. Surface Defects 8. Map cracking and scaling 8a. Map cracking 8b. Scaling 9. Polished aggregate 10. Popouts D. Miscellaneous Distress 11. Blowups 12. Faulting of transverse joints and cracks 13. Lane-to-shoulder drop-off 14. Lane-to-shoulder separation 15. Patch/patch deterioration 16. Water bleeding and pumping	A. Cracking 1. Fatigue cracking 2. Block cracking 3. Edge cracking 4. Longitudinal cracking 4a. Wheel path longitudinal cracking 4b. Non-wheel path longitudinal cracking 5. Reflection cracking at joints 6. Transverse cracking B. Patching and Potholes 7. Patch/patch deterioration 8. Potholes C. Surface Deformation 9. Rutting 10. Shoving D. Surface Defects 11. Bleeding 12. Polished aggregate 13. Raveling E. Miscellaneous Distresses 14. Lane-to-shoulder drop-off 15. Water bleeding and pumping

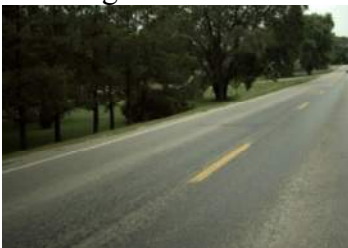
Tables 7 and 8 list various types of pavement distresses and their causes, as well as treatment and prevention for concrete and asphalt pavements. These distresses are the most common types observed in the City’s pavements.

Table 7 – PCC Pavement Distresses

PCC Pavement Distress	Cause	Treatment	Prevention
Joint Spalling (Longitudinal and Transverse Joints) 	Poor sub-surface drainage, calcium chloride de-icing salts, brine solutions, low air entrainment, high water/cementitious material (w/cm) ratio	Partial-depth repair, full-depth repair, application of surface sealers to slow deterioration	Use of C-SUD mixture, aggregate subbase layer and subdrains, use sodium chloride deicing salts, minimize usage of brine solutions
Durability Cracking 	Use of reactive and poor durability aggregates, poor sub-surface drainage	Full-depth repair or reconstruction	Use of C-SUD mixture, use of durable non-reactive aggregates
Transverse Cracking 	Excessive panel size	Rout and fill cracks, full-depth repair, diamond grinding	Limit transverse joint spacing to 15 feet
Longitudinal Cracking 	Excessive panel size, poor subgrade preparation	Rout and fill cracks, cross-stitching, full-depth repair, diamond grinding	Limit longitudinal joint spacing to 13 feet, ensure subgrade preparation
Settlement Cracking (1) 	Poor subgrade preparation, poor subsurface drainage	Full-depth repair	Ensure proper subgrade preparation, use aggregate subbase layer and subdrains
Joint Shadowing (1) 	Poor sub-surface drainage, use of backer rod, low air entrainment and/or high w/cm ratio in mixture	Remove backer rod and refill joints, apply surface sealers	Use aggregate subbase layer and subdrains, and C-SUD mixture

(1) These distress types are not defined in the Distress Identification Manual from the LTPP Program but are very common on City of Ankeny streets.

Table 8 – HMA Pavement Distresses

HMA Pavement Distress	Cause	Treatment	Prevention
Block Cracking 	Failure of asphalt binder to expand and contract with temperature cycles due to poor binder quality or wrong type for the climate	Mill and overlay	Use proper binder based on climate region
Bleeding 	Caused by excessive asphalt binder or insufficient air voids	Mill and overlay	Use proper amounts of air and binder, submit and review mix design
Reflection Cracking at Joints 	Caused by the differential movement between the asphalt and underlying PCC	Crack seal, mill and overlay	Consider use of asphalt interlayer to slow the rate of reflective cracking development
Fatigue Cracking 	Caused by poor subgrade support under asphalt layers or insufficient thickness of asphalt	Full-depth patching, mill and overlay, or reconstruction	Use proper design thickness, ensure adequate subgrade preparation

5. DATA ANALYSIS

Roadway Functional Classification

Functional classification is the grouping of streets and highways by the character of service they provide. Functional classification was developed specifically for transportation planning purposes and is the predominant method of classifying streets for design purposes. For urban areas, the functional classification consists of Major Arterials, Minor Arterials, Major Collectors, Minor Collectors, and Local Streets. Functional classification and traffic volume are important parameters to be considered when prioritizing street improvements. Table 9 provides characteristics of the five main functional classifications of streets. For more information on functional classification, refer to the SUDAS Design Manual, Chapter 5B – Street Classifications located here:

<https://intrans.iastate.edu/app/uploads/sites/15/2020/03/5B-1.pdf>.

Table 9 – Functional Classification Characteristics

Major Arterials	Minor Arterials	Major Collectors	Minor Collectors	Local Streets
Carries most of the trips entering and leaving the City, spacing between major arterials is typically 1 to 5 miles	Does not penetrate neighborhoods, spacing between minor arterials is typically 1/8 mile to 1 mile	May penetrate residential neighborhoods, provides movement of traffic between arterial routes and minor collectors	Provides for movement of traffic between major collector routes and local streets	Offers the lowest level of mobility and discourages major through traffic movements

Based on 2022 GIS data provided by the City of Ankeny’s Public Works Department, Figure 5 shows the breakdown of functional classification for the City of Ankeny, representing 286 centerline miles.

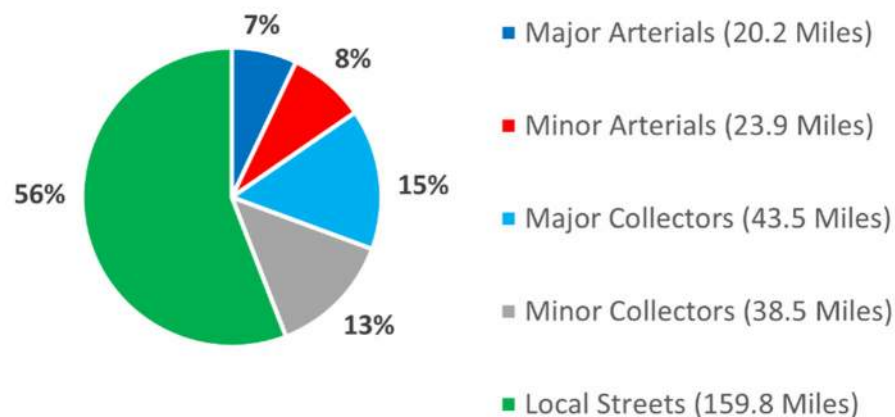


Figure 5 – City of Ankeny Street Functional Classification (Centerline Miles)

Figure 6 on the following page is the Functional Classification Map for the City of Ankeny.

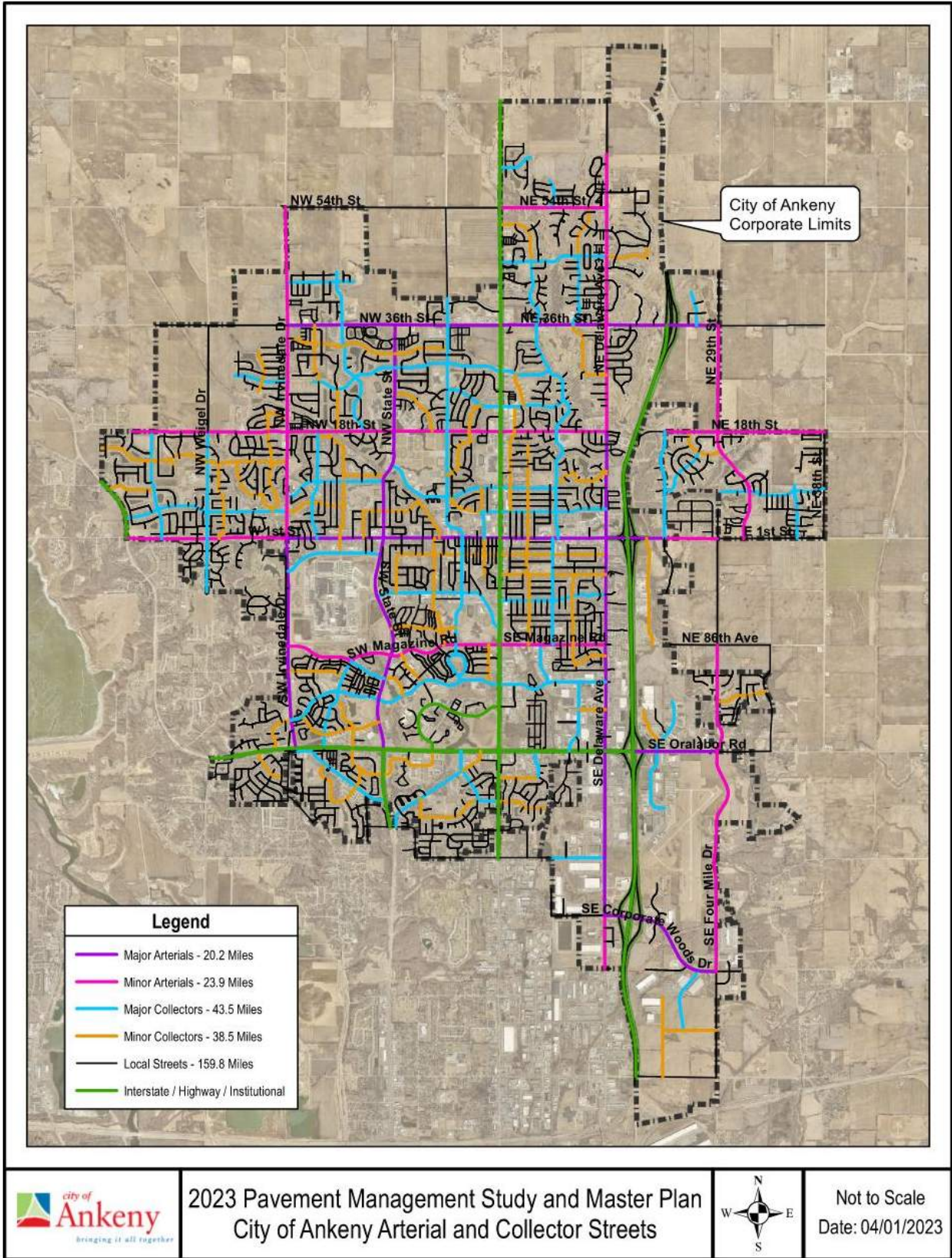


Figure 6 – City of Ankeny Functional Classification Map

Pavement Types

There are generally three types of pavements: Portland cement concrete (PCC), hot mix asphalt (HMA), and composite. PCC is a rigid pavement generally consisting of portland cement, water, coarse aggregate, and fine aggregate. There are other admixtures such as fly ash that are typically added to enhance the durability of the PCC pavement. PCC mixtures have a longer design life than HMA mixtures before maintenance or rehabilitation is needed.

HMA is a flexible pavement consisting of aggregate and bituminous (coal based) asphalt oil. There are different classifications of HMA mixtures depending on the type and amount of traffic loading. When comparing HMA and PCC pavements, if an equivalent strength section is desired, HMA requires a thicker pavement section than PCC in the form of multiple layers of HMA pavement, a granular stone subbase, or a combination of both.

Due to its flexural nature, HMA is often used as a thin (2" to 3") surface layer that is overlaid on top of a PCC pavement to give additional service life to a street. This combination of paving materials is referred to as a composite pavement and represents a third option for improving pavements. Examples of composite pavements in Ankeny include SE Trilein Drive from SE Peterson Drive to SE 10th Street, SW 3rd Street north of the John Deere facility, and NW 5th Street from NW Weigel Drive to NW Irvinedale Drive.

It is noted that variability in the soil characteristics affects both rigid and flexible pavements. Rigid concrete pavements transfer the traffic load to the aggregate subbase and subgrade foundation at a smaller value than flexible asphalt pavements because they are able to distribute the load to a larger area. For example, a 100-psi tire load typically results in less than 5 psi of load transfer to the subgrade underneath concrete pavement and approximately 20 psi of load transfer to the subgrade underneath asphalt pavement. Therefore, asphalt pavement requires a thicker aggregate subbase and/or a thicker pavement to provide additional support and strength when compared to a concrete pavement. Figure 7 illustrates the subgrade reactions for flexible (HMA) pavements (left image) and rigid (PCC) (right image) pavements. PCC is stronger in compressive strength than HMA; therefore, less load is transferred into the underlying support structure compared to HMA.

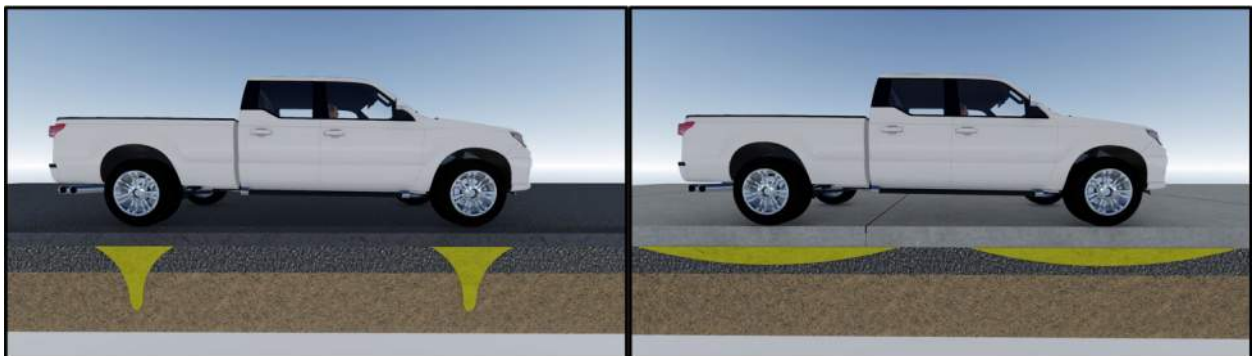


Figure 7 – Subgrade Reactions for Flexible and Rigid Pavements

Based on the 2021 data provided by InTrans through the IPMP, Portland cement concrete (PCC) pavement accounts for 91% of the total pavement in the City’s street pavement network. Hot mix asphalt (HMA) pavement accounts for 7% of the total pavement in the City’s network. Composite pavement accounts for 2% of the total pavement in the City’s network. Figure 8 shows the distribution of pavement types within the City.

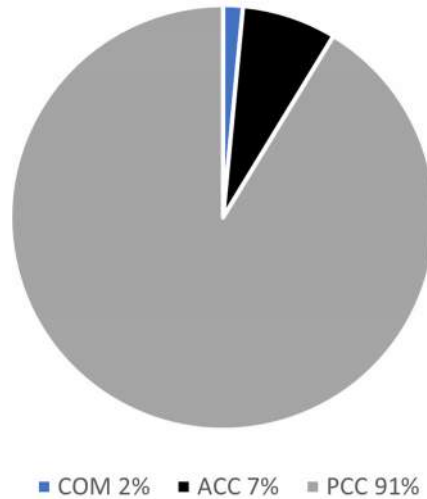


Figure 8 – Distribution of Pavement Types

Pavement Condition Index (PCI)

The Pavement Condition Index (PCI) is a value assigned to a pavement representing its overall quality based on the distresses observed on the pavement surface. Although the value does not measure the structural capacity, it is a measure commonly used as a rational basis for determining maintenance and repair needs. The PCI values can range from 0 to 100 with 100 being representative of a newly constructed pavement with no distress. The lower the PCI value, the lower the quality of the pavement. Table 10 lists various PCI classification levels and their respective range of values.

Table 10 – Pavement Condition Index (PCI) Classification

PCI Range	Condition Classification
81-100	Excellent
61-80	Good
41-60	Fair
21-40	Poor
0-20	Very Poor

How PCI is Determined

One method of determining PCI is described in ASTM D6433-20 “Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys”. In this testing standard, the PCI is calculated based on deduct curves for the pavement distress type. Figure 9 is an image of a

distress deduct curve. For example, if a specific distress (such as longitudinal cracking) is present in 10% of the pavement within a selected area, and it is a medium severity level distress, the corresponding deduct value is 44 as shown in the graph. The resulting PCI for this section of pavement is 56 ($100 - 44 = 56$). The more types of distress the pavement has, the higher deduction in quality and the lower the PCI value.

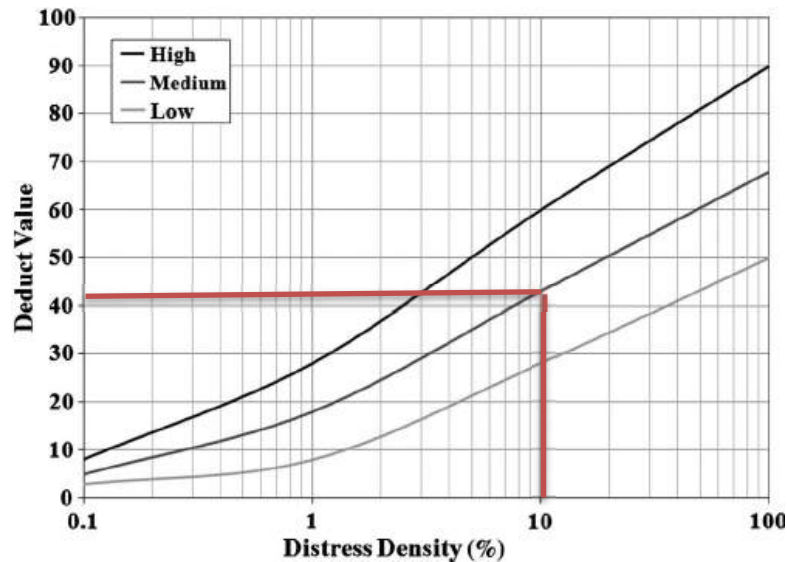


Figure 9 – Distress Deduct Curve

The IPMP developed an equation to calculate the PCI based on distress data recorded using an automated collection process. The IPMP PCI value is determined based on a large contribution (35% weight factor) of the International Roughness Index (IRI) value. Due to lower traffic speeds, it is common for municipalities to reduce the importance of the IRI value when considering the overall condition of their street pavement network. Approximately five years ago, a subcommittee of city representatives within the IPMP User Group developed a new PCI known as CityPCI. The CityPCI is calculated with less emphasis (15% weight factor) on the IRI value.

As previously mentioned, the pavement condition data for this study was collected using the automatic collection process. The raw condition data was processed and provided to the City by InTrans via the IPMP. The 2021 raw data was then converted into a format that the PAVER™ software could use.

Figure 10 is an image of the PAVER™ inspection record for NW 2nd Place near the intersection of NW Winterberry Street. The distresses on this section of pavement include low, medium, and high severity linear cracking; high severity joint spalling; and low severity durability cracking. This street segment is rated as poor condition.

Edit Inspection (Ank-RD2021:~NW2NDPL:~5)

Summary at time of inspection [Click here to minimize](#)

Branch Use **ROADWAY** Surface Type **PCC** Rank **E** Length **169.5 Ft** Width **24 Ft** True Area **4,067.9 SqFt** Slab Length **15.0**
 Slab Width **10.0 Ft** Total Slabs **27** Joint Length **484.5 Ft** [Edit current values...](#)

Inspection [Click here to minimize](#)

7/8/2021 [List](#) [New](#) [Edit](#) [Del](#) PCI **24.2** [Show Conditions](#) [Extrapolated Distress](#) [Cmt](#) **0**

Sample [Click here to minimize](#)

629 [prv](#) [List](#) [New](#) [Edit](#) [Del](#) PCI **24.2** ☐ No distresses found on sample ☐ Remaining samples have no distress [Cmt](#) **0**

27 Slabs [List](#) [New](#) [Edit](#) [Del](#)

Distress selection

21 BLOW UP	L	M	H	31 POLISHED AG	L	M	H
22 CORNER BREAK	L	M	H	32 POPOUTS	L	M	H
23 DIVIDED SLAB	L	M	H	33 PUMPING	L	M	H
24 DURABIL CR	L	M	H	34 PUNCHOUT	L	M	H
25 FAULTING	L	M	H	35 RR CROSSING	L	M	H
26 JT SEAL DMG	L	M	H	36 SCALING	L	M	H
27 LAND SH DROP	L	M	H	37 SHRINK CR	L	M	H
28 LINEAR CR	L	M	H	38 CORNER SPALL	L	M	H
29 LARGE PATCH	L	M	H	39 JOINT SPALL	L	M	H
30 SMALL PATCH	L	M	H				

24 DURABIL CR - L

Right click distress or left click the image for Distress Help.

Quantity

1	2	3
4	5	6
7	8	9
C	0	.

16.00 Slabs [+](#) [-](#) [X](#)

Distresses

Distress	Description	Severity	Quantity	Units	Density
24	DURABIL CR	Low	16.00	Slabs	
30	SMALL PATCH	N/A	3.00	Slabs	
28	LINEAR CR	High	4.00	Slabs	
30	SMALL PATCH	N/A	7.00	Slabs	
28	LINEAR CR	Low	27.00	Slabs	
28	LINEAR CR	Low	3.00	Slabs	
39	JOINT SPALL	High	27.00	Slabs	
28	LINEAR CR	Medium	27.00	Slabs	

☐ Tablet distress entry [Key shortcuts](#) [Sum Distress](#) [Take pictures](#)

Figure 10 – PAVER™ Inspection Record

International Roughness Index (IRI)

Another measure of pavement performance is the International Roughness Index (IRI). IRI was previously mentioned as being a weighted component of the PCI calculations. The IRI value is a measure of pavement smoothness with units expressed in inches per mile. A pavement that is considered smooth has a comfortable ride with minimal bumps or dips. If a pavement has a lot of variation in the pavement surface such as potholes, joint deterioration, slab faulting, or other distress resulting in vertical displacement of pavement, it will have a higher IRI than that of a smooth flat pavement with little to no surface distress. The lower the IRI value, the smoother the pavement. Table 11 lists the Federal Highway Administration (FHWA) thresholds for IRI along with the mileage and percentage of City streets in each category based on the 2021 data from the IPMP.

Table 11 – FHWA IRI Threshold Amounts for City of Ankeny Streets

2021 IRI Data			
IRI	Rating	Miles	Percent
< 95	Good	7.1	3%
95 – 170	Acceptable	83.7	30%
> 170	Poor	186.7	67%
		277.5	100%

Data Collection Methods

Manual Collection

One method of pavement condition data collection is manual collection. Manual collection is based on visual observation and collection of distress types, distress quantities, and distress severity level. With manual collection on a network level (or community wide level), distress information is collected by random sampling of pavement sections. The samples are then evaluated and scored, and the condition is then pro-rated across the length of the pavement section. Figure 11 illustrates manual condition data collection.



Figure 11 – Manual Condition Data Collection

Automatic Collection

Another method for collecting data on the pavement condition is automatic collection. Automatic collection is performed using specialized data collection vehicles as shown in Figure 12. The automated vehicles are able to provide collection on the entire pavement corridor. This collection process is more comprehensive and more efficient than manual collection. However, it is important to manually perform a quality control check and field verification of the collected data. This includes a comparison of the common distresses as collected by the vehicle and in the field. It also includes a cursory review of the Pavement Condition Index (PCI) value. The pavement condition data for this study was collected by automatic collection vehicles.



Figure 12 – Automatic Data Collection Vehicle

Pavement condition data collected includes the following:

- Pavement location
- Collection date
- Section length
- Pavement type
- Distress type, distress quantity, and distress severity
- Pavement Condition Index (PCI)
- Smoothness as determined by the International Roughness Index (IRI)

Desktop Evaluations

Desktop evaluations were performed on the pavements by reviewing the IPMP's pavement condition database. Streets were categorized based on the predominant type of distress identified by IPMP's data.

Particular attention is given to the pavements with durability cracking (“D” cracking) as this is a material related distress (MRD) that shows the pavement is failing based on material incompatibility. There is no remediation for MRD; therefore, full removal and replacement of the pavement is required. A photo example of durability cracking was previously included in Table 7 on page 14.

Field Evaluations

Snyder & Associates, Inc., in conjunction with City of Ankeny Public Works staff, conducted field evaluations, recorded pavement distress types, and performed a cursory review of the pavement condition scores that were generated from the IPMP data. The field evaluations were compared with the pavement data that was provided from the data collection process. This step served as a quality control check on the pavement condition, to ensure accurate data was being utilized for the software analysis. Locations were identified where the distress varied between the collected data and the field evaluation.

Joint spalling is another type of MRD that was frequently observed during field review. This type of deterioration can be very aggressive and can significantly reduce concrete pavement life. A photo example of joint spalling was previously included in Table 7 of this document.

Accelerated Distress

From the desktop and field evaluations, pavements that are experiencing accelerated distress were noted. Accelerated distress is a condition where the pavement is deteriorating at a higher rate than typical pavement aging, and fatigue based on vehicle use. Accelerated distress is most often caused by MRD due to a deficiency or material incompatibility within the pavement materials. Examples of MRD’s include alkali-silica reactivity, along with the above-mentioned durability cracking and joint spalling.

It is important to proactively identify the locations of accelerated distress so that these areas can be addressed as part of planned pavement preservation and/or rehabilitation improvements. Some pavements, if treated before the condition worsens, can have their service life extended with a pavement preservation technique. In this way, the pavement is improved at the right time so that the pavement doesn’t completely fail, resulting in more costly full reconstruction. Table 12 summarizes some of the accelerated distress areas within the City of Ankeny. Additional photographic evidence of these areas of accelerated distress is included within the Appendix.

Table 12 – Areas of Accelerated Distress Pavements

Street Name	Type of Accelerated Distress	Specific Location
NE 16 th Street	Joint deterioration	Near the knuckle with NE Cortina Drive and near the intersection with NE Trilein Drive
SE 17 th Street	Joint deterioration	Between SE Fourmile Drive and SE Hillside Drive
SW 29 th Street	Joint deterioration	West of the intersection with SW Glenbrooke Boulevard
SW 3 rd Street	Joint deterioration	West of the intersection with SW Pleasant Street
NW Winterberry Street	Joint deterioration	Between NW Skyline Drive and NW 5 th Street
NE Keystone Court	Joint deterioration	Near the cul-de-sac bulb
NW School Street	Longitudinal and transverse cracking	Near the Terrace bus drop off and near the intersection with NW Kimberly Lane
SW Maple Street	Longitudinal and transverse cracking	Near the curve with SW 2 nd Street
NW Skyline Drive	Joint deterioration	Near the intersection with NW Winterberry Street
NW 2 nd Place	Joint deterioration	Near the intersection with NW Seasons Drive
SW Twin Gates Drive	Joint deterioration	Approximate midpoint of loop off of SW Ankeny Road and near the east side intersection with SW Ankeny Road
SW Glenbrooke Boulevard	Joint deterioration	Near the intersection with SW Sunnybrooke Drive
NW Park Lane	D-Cracking	From 2722 NW Park Lane to 2900 block of NW Park Lane near the intersection with NW 9 th Street
SE Creekview Drive	D-Cracking	At the entrance to Casey's
SE Convenience Boulevard	D-Cracking	North of Keen Project Solutions

Existing Conditions

The City of Ankeny has IPMP pavement condition data from 2013, 2015, 2017, 2019, and 2021. There were 273 centerline miles of pavement within the condition database collected in 2021. The average CityPCI value for the City of Ankeny based on the data collected in 2019 is 79. The average CityPCI value for the City of Ankeny based on the data collected in 2021 is 74. Figure 13 on the following page shows the CityPCI pavement condition ratings map for the City of Ankeny based on data collected in 2021. Maps for years 2013, 2015, 2017, and 2019 are included in the Appendix.

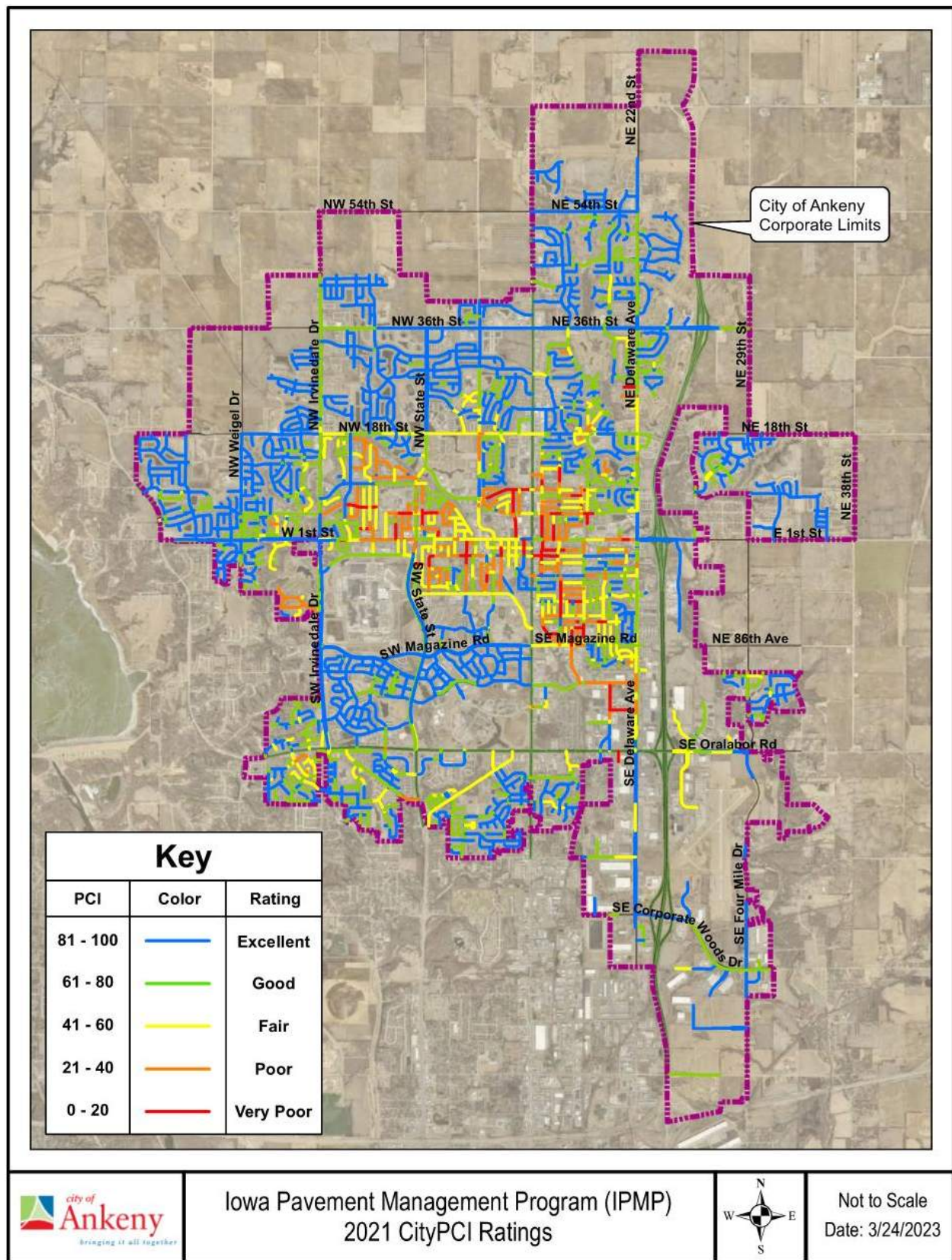


Figure 13 - 2021 City of Ankeny Pavement Condition Ratings Map

Figure 14 is a graphical representation of the City of Ankeny's CityPCI values based on IPMP data collection from 2013 to 2021. When viewing Figure 14, it is important to note the percentages of the network in the "Excellent" and "Good" categories. These pavement sections have a CityPCI of 61 and above and generally are not in need of any immediate repair or rehabilitation. However, it is important for the City to allocate future pavement preservation funding for the street segments in these categories, so that their service life can be extended and more costly major rehabilitation and/or total reconstruction can be delayed. Also note the percentages of the network in the "Fair", "Poor", and "Very Poor" categories. Although the percentages in the "Fair" category have remained relatively constant since 2013, it is noted that the percentages of "Poor" and "Very Poor" streets have increased from 3.6% to 10.4% from 2019 to 2021.

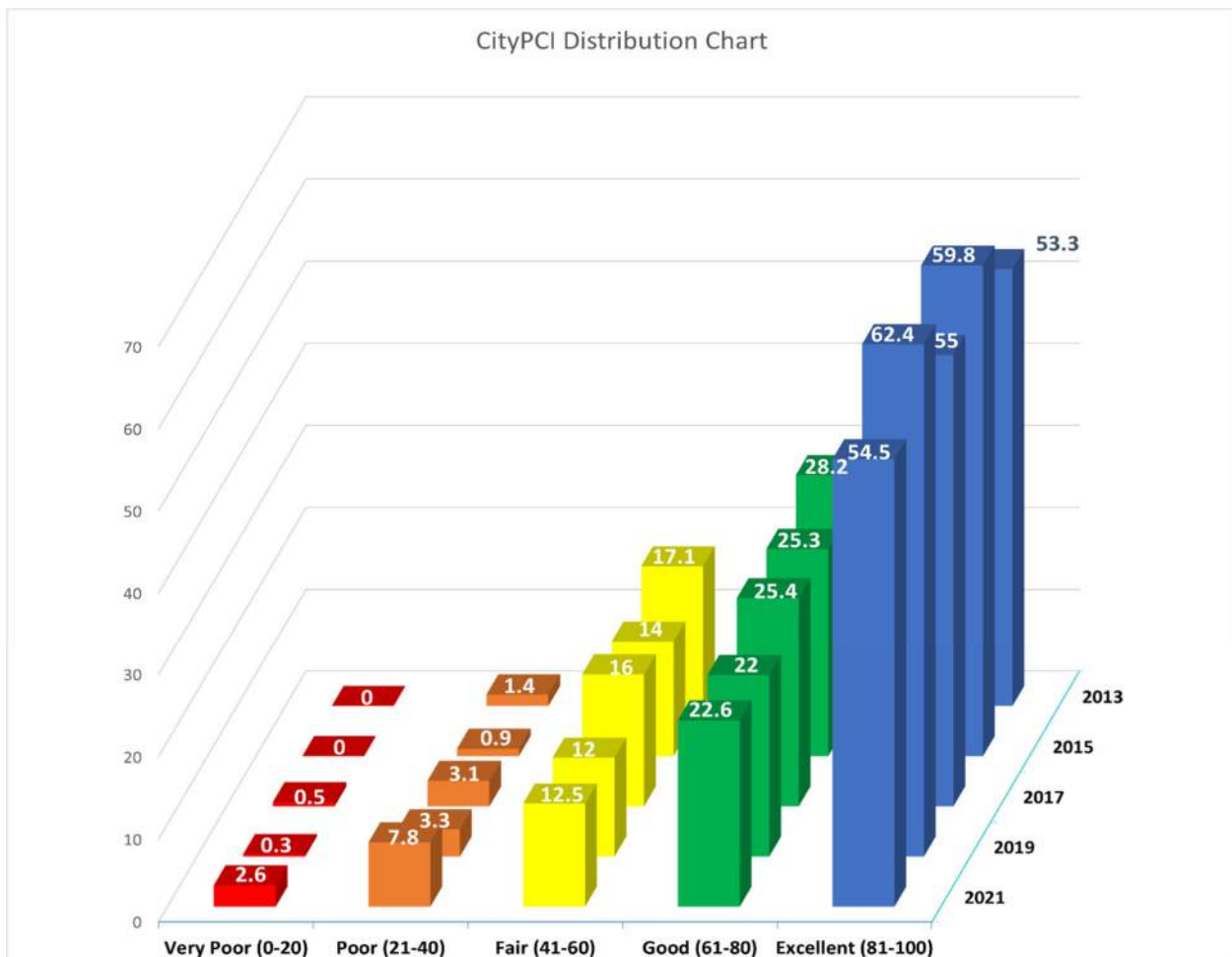


Figure 14 - CityPCI Distribution Chart

Streets in the "Good" category generally require relatively inexpensive crack and joint refilling, along with partial depth repairs in locations of deteriorated joints, in order to lengthen the time period before they fall into the "Fair" category. Streets in the "Fair" category generally require more expensive full depth repairs in order to prolong their condition before falling into the "Poor" and "Very Poor" categories, thereby extending the useful service life of the pavement. Once streets enter into the "Poor" and/or "Very Poor" categories, they require very expensive

full reconstruction. In addition to the costs associated with full reconstruction, there is a significant impact to directly affected residents and/or the general public, depending on the classification of street being reconstructed. Table 13 lists the recommended pavement treatments for the pavement conditions.

Table 13 - Recommended Pavement Treatments

Pavement Condition	Recommended Treatment
Good	Crack and Joint Refilling, Partial-depth Repairs
Fair	Full-depth Repairs
Poor / Very Poor	Reconstruction

A major reason the overall percentages of “Good” and “Excellent” pavements have remained relatively constant is due to the amount of new streets that have been added to the City’s network on an annual basis. These additions contribute to the overall CityPCI data for the City being weighted higher than municipalities that are not experiencing the level of growth that the City of Ankeny has experienced over the past 30 years. The City has grown from a population of 18,500 in 1990 to over 70,000 in 2022, resulting in a large increase of new streets within the City’s street pavement network. Figure 15 illustrates the growth in the City’s total street network mileage from 204 centerline miles in 2013 to 273 centerline miles in 2021. This represents a 34% increase in eight years.

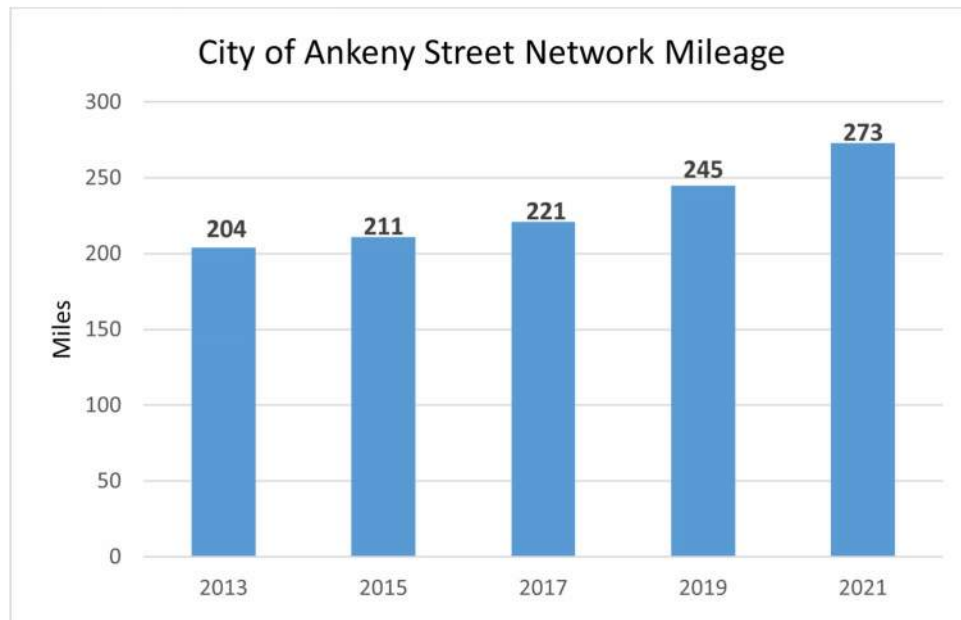


Figure 15 - City of Ankeny Street Network (Centerline Miles)

Figure 16 lists the City of Ankeny’s average CityPCI over the last five pavement condition collection periods from 2013 to 2021. The average CityCPI value had remained relatively constant at approximately 80 between 2013 and 2019; however, it dropped to 74 based on 2021 data. This is due to a few reasons. The total amount of paved streets in Ankeny increased by 69 miles from 2013 to 2021, based on IPMP’s data. This addition slightly increases the average CityPCI due to the new pavements being in Excellent condition. Conversely, the amount of streets in Poor and Very Poor conditions has grown from 2.8 miles in 2013 to 8.9 miles in 2019 to 28.2 miles in 2021. Table 14 lists the amount of streets in Poor and Very Poor conditions within the City in miles and percentages.

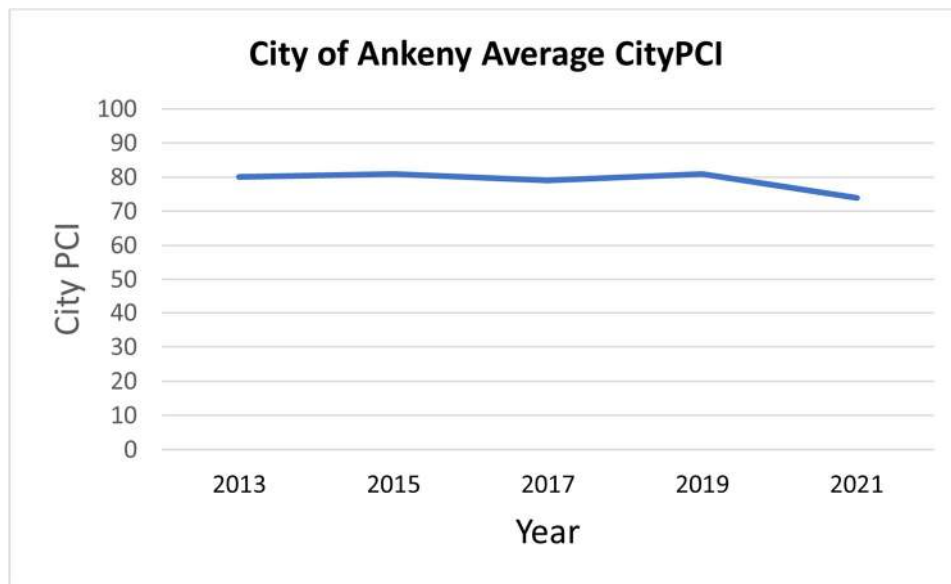


Figure 16 – City of Ankeny Average CityPCI History

Table 14 – Amount of Streets in Poor and Very Poor Conditions

Year	Miles in Poor Condition (%)	Miles in Very Poor Condition (%)	Total Miles Poor and Very Poor Conditions (%)
2013	2.8 (1.4)	0 (0)	2.8 (1.4)
2015	1.9 (0.9)	0 (0)	1.9 (0.9)
2017	6.9 (3.1)	1.0 (0.5)	7.9 (3.6)
2019	8.2 (3.3)	0.7 (0.3)	8.9 (3.6)
2021	21.2 (7.8)	7.0 (2.6)	28.2 (10.4)

GIS Mapping

A Geographic Information System (GIS) map is being provided as a part of the 2023 Pavement Management Study and Master Plan. This GIS map allows a user to select specific pavements in the database from an online map to view the 2021 pavement condition data.

Within the GIS map is a link to the Iowa DOT PathWeb website. The Iowa DOT PathWeb website is a viewer program that allows for review of pavement imaging. The direct link for the Iowa DOT PathWeb site is <https://rams.iowadot.gov/Pathweb/>.

Figure 17 is a screen image of the PathWeb Viewer that shows the plan location of the street section, the front camera view, the rear camera view, and a plan view video capture of the pavement surface.

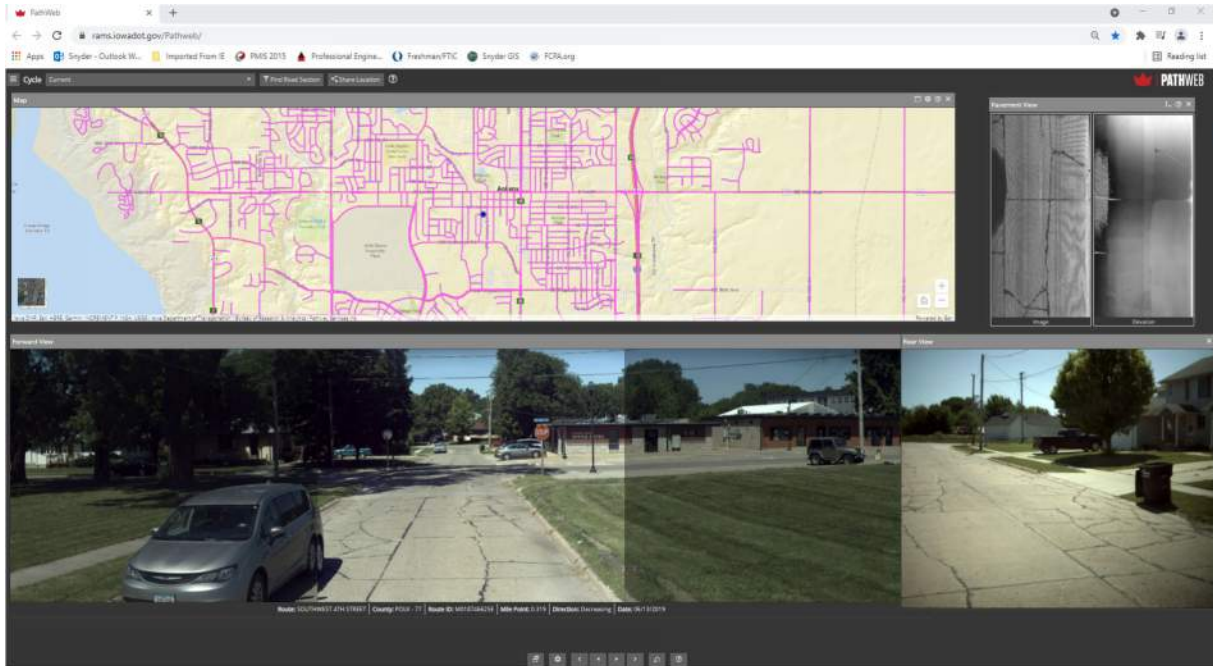


Figure 17 - Screen Image of Iowa DOT PathWeb

6. CONDITION PROJECTIONS AND SCENARIOS

Evaluation of CIP Funding Level Scenarios and PAVER™ Modeling

Using 2019 pavement condition data from the IPMP along with typical 2020 – 2021 construction costs, original modeling was completed showing a need to increase the overall funding to minimize a steady decline of the PCI. This was determined by modeling the 2021-2025 CIP funding levels and then increasing funding by 5% annually from year 2026 to year 2030.

In 2021, updated pavement condition data was collected as part of the IPMP. Additionally, in late 2021 and during the 2022 construction season, a noticeable increase in typical pavement improvement costs was observed. Due to these increased costs, as well as the establishment of updated CIP funding levels, it was decided to update the Pavement Management Study. The updated Pavement Management Study utilizes current construction costs, current CIP funding levels, and 2021 pavement condition data. The funding levels as detailed in the 2023-2027 CIP were used in the Pavement Management Study update.

Using the same optimal pavement condition model as was used before the update, the 2023-2027 CIP funding levels were used along with an incremental 5% annual funding increase for 5 years and 15 years after the 2023-2027 CIP. A model was also evaluated to understand the funding level necessary to maintain the current overall pavement conditions for all streets in the City. Finally, a fourth model was developed to determine the funding level necessary to improve the current pavement conditions. The results of the modeling are listed in Table 15 with Scenario 1 being chosen as the preferred model.

Table 15 – Modeling Scenarios and Results

Scenario No.	Description	Result
1	Evaluate resulting PCI over a period of 10 years using the 2023-2027 CIP funding levels then increasing funding 5% annually for the next 5 years starting in 2028	After 10 years, the PCI decreases by 6.0%, from 74 to 70
2	Evaluate resulting PCI over a period of 20 years using the 2023-2027 CIP funding levels then increasing funding by 5% annually for the next 15 years starting in 2028	After 20 years, the PCI decreases by 12.5%, from 74 to 65
3	Determine the annual funding amount required to maintain the current overall PCI of 74 for the next 10 years	An ~15% increase in the 2023 CIP funding amount of \$3,765,000 and an increase of ~7% annually for the next 9 years is needed to maintain the PCI of 74 for the next 10 years
4	Determine the annual funding amount required to improve the current overall PCI by 6%, from 74 to 78, over the next 10 years (i.e. at year 2032, the PCI value would be at 78)	An ~15% increase in the 2023 CIP funding amount of \$3,765,000 and an increase of ~9.5% annually for the next 9 years is needed to improve the PCI by 6%, from 74 to 78

7. CAPITAL IMPROVEMENTS PROGRAMMING

Using the optimal pavement condition model, the PAVERTM software produced a list of recommended areas to be improved over the next 10 years. The list was reviewed and consolidated by selecting streets with significant costs assigned to them. Once these streets were selected, each street was reviewed to identify the proper pavement treatment and a cost estimate was completed. Based on the level of distress, overall condition, and street classification, the streets were prioritized into a 10-year recommended projects list.

Tables 16 through 20 represent a breakdown of the 10-Year Recommended Prioritized Projects List. The main table is separated into the following groups:

- Annual Street Resurfacing Program
- Annual Pavement Preservation Program
- Annual PCC Street Patching Program
- Annual Street Replacement Program
- “Stand Alone” Arterial Street Replacement or Rehabilitation Projects

It is important to note that the projects listed in the Annual Pavement Preservation Program table focus primarily on Partial-Depth Repair (PDR) and Diamond Grinding (DG), along with some locations of Full-Depth Repair (FDR), of Collector streets. The list of projects does not include crack and joint refilling that is a recommended treatment to be performed on a regular basis on residential neighborhood (Local) streets. Crack and joint refilling, when performed approximately every 10 years as a preventative maintenance technique, significantly increases the useful life of Local streets, thereby reducing the need to perform more expensive PDR and FDR. It is recommended that an Annual Crack and Joint Refilling Program be developed that is funded at the same level as the Annual Pavement Preservation Program.

Table 16 – 10-Year Recommended Prioritized Project List – Annual Street Resurfacing Program

Annual Street Resurfacing Program	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Year Total
SW Ordnance Road - SW Cherry Street to SW Railroad	<u>\$ 287,827</u>										
Polk County NE 38th Street, East 1st Street to NE 18th Street (cost share with Polk County)	<u>\$ 75,000</u>										
Polk County NW 4th Street, South City Limits to SW Polk City Drive (cost share with Polk County)	<u>\$ 35,000</u>										
Public Alleyways between SW Cherry Street and SW Walnut Street, from W 1st Street to SW 3rd Street		<u>\$ 61,000</u>									
SW Ordnance Road - SW Des Moines Street to SW Cherry Street		<u>\$ 360,000</u>									
NE Frisk Drive, East 1st Street to NE 18th Street (cost share with Polk County)		<u>\$ 60,000</u>									
NE 18th Street, NE Frisk Drive to Four Mile Drive (cost share with Polk County)		<u>\$ 54,000</u>									
SE Oralabor Road - East of SE Convenience Blvd. to PCC			\$ 132,600								
SW Ordnance Road - East of SW Westview Drive to SW Des Moines Street			<u>\$ 350,000</u>								
SW Ordnance Road - West of SW Westview Drive to East of SW Westview Drive				<u>\$ 225,000</u>							
SW Goodwin Street Overlay				<u>\$ 150,000</u>							
NW 5th Street - NW Weigel Drive to NW Irvinedale Drive (last overlay 2006)				<u>\$ 204,200</u>	\$ 204,200						
NE Delaware Avenue - NE 36th Street to NE 54th Street					\$ 311,400	\$ 311,400					
SW Polk City Drive - Oralabor Frontage Road to SW State Street (last overlay 2012)						\$ 172,500	\$ 172,500				
SW 3rd Street - SW Irvinedale Drive to SW Arlan Drive							\$ 375,400	\$ 211,200			
SW 4th Street - SW Maple Street to SW Cherry Street (local street)								\$ 50,400			
SE Fourmile Drive (City limits portion) Shared project with County								\$ 234,600	\$ 234,600		
SE Delaware Avenue - SE Oralabor Road to SE Shurfine Drive									\$ 457,300	\$ 457,300	
Total Estimated Costs - Annual Street Resurfacing Program	\$ 397,827	\$ 535,000	\$ 482,600	\$ 579,200	\$ 515,600	\$ 483,900	\$ 547,900	\$ 496,200	\$ 691,900	\$ 457,300	\$ 5,187,427
Current and Projected Budgeted Amounts in the CIP	\$ 475,000	\$ 475,000	\$ 350,000	\$ 375,000	\$ 350,000	\$ 368,000	\$ 386,000	\$ 405,000	\$ 425,000	\$ 446,000	\$ 4,055,000

- Notes:
- (1) Underlined values are provided from the 2023-2027 CIP.
 - (2) Costs do not include consultant fees for design or construction services; however, they include a 20% contingency to progress through design and unit price fluctuations.
 - (3) Key observations from 2021-2022 increase in construction costs: During the development of the 10-year recommended prioritized projects list, the HMA resurfacing project costs increased by 8%.

Table 17 – 10-Year Recommended Prioritized Project List – Annual Pavement Preservation Program

Annual Pavement Preservation Program	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Year Total
Meadowlark Plateau, Golfview Terrace, North Creek, and Westwood Neighborhoods (FDR)	\$ 429,015										
SE Magazine Road - 385' East of Ankeny Blvd to 25' West of SE Trilein Drive (FDR & DG)		\$ 124,800									
E 1st Street - WB lanes Ankeny Blvd to Delaware Avenue (FDR)		\$ 137,400									
NE 18th Street - Ankeny Blvd to NE Trilein Drive & NE Crestmoor Place - NE 17th Street to NE 18th Street (FDR)		\$ 137,900									
NW 18th Street - east of NW Irvinedale Drive to west of NW State Street (PDR)			\$ 266,200								
SW Oralabor Frontage Road & SW 28th Street (PDR & FDR)			\$ 155,000								
SE Trilein Drive - SE Magazine Road to SE 10th Street (FDR & DG)				\$ 218,000							
NE 9th Street - NE Grant to NE Crestmoor Place (FDR)				\$ 184,800							
SW Ankeny Road - SW Westview Drive to 75' East of Trugreen Driveway (FDR & DG)					\$ 274,800						
NW Ashland Parkway - NW 18th Street to 450' North of NW 22nd Street (PDR, FDR)					\$ 255,300						
SE Delaware Avenue - SE 9th Street to East First Street (PDR & FDR)						\$ 421,400					
NW 13th Street - NW Boulder Drive Roundabout to NW Irvinedale Drive (FDR)						\$ 102,000					
SW Court Avenue, SW Timbergreen Drive, and SW Cohasset Drive - 2 phases (FDR)							\$ 421,000	\$ 421,000			
SE Shurfine Drive - High Trestile Trail to SE Delaware Avenue (FDR & DG)									\$ 448,500		
NW Linden Street - W 1st Street to NW 5th Street (PDR & FDR)										\$ 191,800	
SE Cortina Drive - SE Shurfine Drive to SE Magazine Road (FDR)										\$ 211,200	
Total Estimated Costs - Annual Pavement Preservation Program	\$ 429,015	\$ 400,100	\$ 421,200	\$ 402,800	\$ 530,100	\$ 523,400	\$ 421,000	\$ 421,000	\$ 448,500	\$ 403,000	\$ 4,400,115
Current and Projected Budgeted Amounts in the CIP	\$ 350,000	\$ 375,000	\$ 400,000	\$ 425,000	\$ 450,000	\$ 475,000	\$ 500,000	\$ 525,000	\$ 550,000	\$ 575,000	\$ 4,625,000

- Notes:
- (1) Costs do not include consultant fees for design or construction services; however, they include a 20% contingency to progress through design and unit price fluctuations.
 - (2) Key observations from 2021-2022 increase in construction costs: During the development of the 10-year recommended prioritized projects list, the patching projects costs increased by approximately 5%.
 - (3) FDR = Full-Depth Repairs, PDR = Partial-Depth Repairs, DG = Diamond Grinding, Recon = Reconstruction
 - (4) Besides the pavement preservation treatment(s) shown, crack and joint refilling should be considered for each of the areas listed.

Table 18 - 10-Year Recommended Prioritized Project List – Annual PCC Street Patching Program

Annual PCC Street Patching Program	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Year Total
NW Northlawn Area Utility Improvements	\$ 675,834	\$ 450,000	\$ 520,000								
Original Ankeny Area Utility Improvements				\$ 600,000	\$ 600,000	\$ 600,000					
Future Neighborhood Utility Improvement Project(s)							\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	
E. 1ST (EB lanes Ank to Delaware), NW State (NB lanes W. 1st to NW 9th), SW Glenbrooke & SW 29th Int., NE 16th (Innsbruck to Trilein)	\$ 842,250										
SE Convenience Boulevard - 3001 North Lot Line to Ankeny Airport Entrance (FDR)		\$ 510,300									
SW Applewood St and SW Polk City Drive (PDR, FDR)		\$ 362,600									
NW School Street - 60 feet north of centerline of driveway to old Public Services Building to 190' North (Recon)		\$ 134,300									
*SW 35th Street - SW Polk City Drive to Trail Crossing (FDR)			\$ 156,810								
NE Delaware Avenue - Four Mile Creek Bridge to 575' South of NE 36th Street (FDR)			\$ 480,000								
NE Trilein Drive - Briargate GC drive to NE 36th Street (Recon)			\$ 219,000								
*SW 3rd Street - 165' east of SW Walnut Street through SW Pleasant Street Intersection (Recon)			\$ 163,700								
NE Crestmoor Place - 1st Street to NE 8th Street (FDR)				\$ 299,100							
SE 8th Street - SE Trilein Drive to SE Rio Court (FDR)				\$ 102,000							
NE Trilein Drive - NE 18th St to Georgetown Blvd (PDR, FDR, Recon)				\$ 633,000							
NW 5th Street - NW Logan Street to Ankeny Blvd (FDR, Recon)					\$ 268,700						
SE Delaware Avenue - SE Magazine Drive to SE 9th Street (Recon north bound lanes)					\$ 855,700						
NE Crestmoor Place - NE 8th Street to NE 16th Street (FDR & Recon)						\$ 417,400					
NE 5th Street - Ankeny Blvd to Delaware Avenue (FDR)						\$ 559,800					
*SW 29th Street - 3200 Block & 3300 Block (PDR, Recon)						\$ 213,500					
SE 54th Street - SE Rio Court to SE Delaware Avenue (FDR)							\$ 150,600				
SE Trilein Drive - E 1st Street to SE 3rd Street (FDR)							\$ 46,800				
*SE 17th Street - SE Fourmile Drive to SE Hillside Drive (FDR)							\$ 84,000				
NE Crestmoor Place - 12th Street and 16th Street Intersections (Recon)							\$ 95,900				
*SW Glenbrooke Boulevard - SW Fox Run Drive to SW Sunnybrooke Drive (FDR)							\$ 161,900				
*SW Sunnybrooke Drive - SW Glennbrooke Drive to 250' South (FDR)							\$ 170,900				
SW 2nd Street & SW Maple Street Intersection (FDR)							\$ 46,100				
NW Arlan Drive - NW 4th Street to NW 5th Street (Recon)								\$ 241,700			
NW College Avenue - 1st Street to NW 4th Street (FDR)								\$ 102,000			
NW 2nd Place - 160' West of NW Seasons Drive to NW Seasons Drive (FDR)								\$ 120,100			
*NW Skyline Drive - 350' West of SW Winterberry Street to SW Winterberry Street (FDR)								\$ 145,100			
*NW Winterberry Street - NW 5th Street to NW 2nd Place (PDR & FDR)									\$ 82,800		
*SW Twin Gates Drive (PDR & FDR)									\$ 112,800		
NE Keystone Court - NE Lake View Drive north 100 feet (Recon)									\$ 122,300		
Total Estimated Costs - Annual PCC Street Patching Program	\$ 1,518,084	\$ 1,457,200	\$ 1,539,510	\$ 1,634,100	\$ 1,724,400	\$ 1,790,700	\$ 1,456,200	\$ 1,308,900	\$ 1,017,900	\$ 700,000	\$ 14,146,994
Current and Projected Budgeted Amounts in the CIP	\$ 1,490,000	\$ 1,425,000	\$ 1,555,000	\$ 1,660,000	\$ 1,710,000	\$ 1,796,000	\$ 1,886,000	\$ 1,980,000	\$ 2,079,000	\$ 2,183,000	\$ 17,764,000

- Notes:
- (1) Underlined values are provided from the 2023-2027 CIP.
 - (2) Costs do not include consultant fees for design or construction services; however, they include a 20% contingency to progress through design and unit price fluctuations.
 - (3) Key observations from 2021-2022 increase in construction costs: During the development of the 10-year recommended prioritized projects list, the patching projects costs increased by approximately 5%.
 - (4) Asterisk (*) indicates area of accelerated pavement distress.
 - (5) FDR = Full-Depth Repairs, PDR = Partial-Depth Repairs, DG = Diamond Grinding, Recon = Reconstruction

Table 19 - 10-Year Recommended Prioritized Project List – Annual Street Replacement Program

Annual Street Replacement Program	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Year Total
SE 8th Street - SE Rio Court to SE Michael Drive	\$ 642,101										
SE Creekview Drive/Tones Drive - SE Oralabor to 2405/2455 Creekview Drive	\$ 491,808										
NW Westwood Street - NW 5th Street to NW 9th Street		\$ 925,000									
NW Ash Drive - PRSC Soccer Parking Lot to NW 18th Street		\$ 800,000									
NE Trilein Drive - East 1st Street to NE 5th Street			\$ 950,000								
SE 8th Street - SE Sharon Drive to SE Trilein Drive			\$ 772,900								
NW 9th Street - NW Logan Street to Ankeny Boulevard				\$ 559,400							
NE 9th Street - Ankeny Boulevard to NE Grant Street				\$ 323,000							
NE 9th Street - Crestmoor Place Intersection, 765' west of Trilein to Trilein, Trilein Intersection				\$ 718,900							
NE 22nd Court				\$ 190,000							
SE Convenience Boulevard - SE Oralabor Road to 3001 North Lot Line					\$ 1,443,700						
NE 23rd Court					\$ 300,000						
SE 9th Street - SE Belmont Drive to SE Sharon Drive						\$ 812,400					
NW 5th Street - NW Irvinedale Drive to NW Greenwood Street						\$ 881,700					
NE 24th Court						\$ 510,000					
NE 25th Court							\$ 450,000				
*SW Glenbrooke Boulevard - SW Oralabor to 55' North of centerline of SW 29th Street							\$ 398,600				
SW Irvinedale Drive/SW 28th Street - SW Oralabor Road to Townpark							\$ 588,500				
SE Uehlamar Drive - SE Sharon Drive to SE Grant Street							\$ 346,400				
SE 9th Street - SE Sharon Drive to SE Trilein Drive								\$ 862,700			
NW Linden Street - NW Hickory Lane to 95' West of NW Beechwood Street								\$ 782,400			
NW Linden St/17th St - 95' West of NW Beechwood St to NW Greenwood St								\$ 750,200			
NW Wagner Boulevard - NW 18th Street to NW Campus Drive								\$ 171,200			
NW Linden Street - NW 5th Street to NW 9th Street									\$ 1,053,400		
NW Applewood Street - NW 2nd Street to NW 9th Street									\$ 1,558,800		
NW 4th Street - NW College Avenue to NW State Street										\$ 1,149,100	
SE 9th Street - SE Wanda Drive to SE Trilein Drive										\$ 640,400	
NW Abilene Road - W 1st Street to NW 4th Street										\$ 859,400	
Total Estimated Costs - Annual Street Replacement Program	\$ 1,133,909	\$ 1,725,000	\$ 1,722,900	\$ 1,791,300	\$ 1,743,700	\$ 2,204,100	\$ 1,783,500	\$ 2,566,500	\$ 2,612,200	\$ 2,648,900	\$ 19,932,009
Current and Projected Budgeted Amounts in the CIP	\$ 1,450,000	\$ 1,725,000	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ 1,838,000	\$ 1,930,000	\$ 2,027,000	\$ 2,128,000	\$ 2,234,000	\$ 18,582,000

- Notes:
- (1) Underlined values are provided from the 2023-2027 CIP.
 - (2) Costs do not include consultant fees for design or construction services; however, they include a 20% contingency to progress through design and unit price fluctuations.
 - (3) Key observations from 2021-2022 increase in construction costs: During the development of the 10-year recommended prioritized projects list, the reconstruction projects costs increased by approximately 30%.
 - (4) Asterisk (*) indicates area of accelerated pavement distress.

Table 20 – 10-Year Recommended Prioritized Project List – “Stand Alone” Arterial Street Replacement or Rehabilitation Projects

"Stand Alone" Arterial Street Replacement or Rehabilitation Projects:	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	10 Year Total
NE Delaware Avenue - NE 5th Street to Four Mile Creek Bridge	\$ 4,996,500	\$ 4,996,500									
NW 18th Street - NW Ash Drive to Ankeny Blvd	\$ 4,355,000										
SW State Street - SW Ordnance Road to First Street (SB Lanes)	\$ 1,407,593										
West 1st Street - State Street to Greenwood Street				\$ 4,125,000	\$ 4,125,000						
NW 18th Street - 285' West of NW State Street to NW Ash Drive					\$ 4,325,000						
NW 18th Street - 370' West of Abilene Road to 285' West of NW State Street						\$ 1,305,400					
NE Delaware Avenue - Four Mile Creek Bridge to 575' South of NE 36th Street						\$ 3,500,000	\$ 4,000,000				
NW State Street - W 1st Street to NW 4th Street							\$ 2,027,400				
NW State Street - NW 4th Street to NW 9th Street								\$ 2,421,100			
NW State Street - NW 9th Street to NW Prairie Ridge Drive								\$ 1,154,600			
Total Estimated Costs - "Stand Alone" Projects	\$ 10,759,093	\$ 4,996,500	\$ -	\$ 4,125,000	\$ 8,450,000	\$ 4,805,400	\$ 6,027,400	\$ 3,575,700	\$ -	\$ -	\$ 42,739,093

- Notes:
- (1) Costs do not include consultant fees for design or construction services; however, they include a 20% contingency to progress through design and unit price fluctuations.
 - (2) Key observations from 2021-2022 increase in construction costs: During the development of the 10-year recommended prioritized projects list, the patching projects costs increased by approximately 5% and the reconstruction projects costs increased by approximately 30%.

8. DESIGN STANDARDS

Recommended Changes to the City's Pavement Design Standards

Improved Foundation Layers – Aggregate Subbase Layer and Subdrain

National research has shown that concrete pavements will perform at an acceptable level of service for a longer period of time if the pavement is placed on an improved foundation layer. Figure 18 is a pavement condition curve that shows extended performance of the pavement when special attention is spent on improving the foundation. Foundation layers for long-life concrete pavements should achieve uniform support, balance between excessive softness and stiffness, adequate drainage, no plastic (permanent) deformation, and use of sustainable methods and materials. (White et al., 2020)

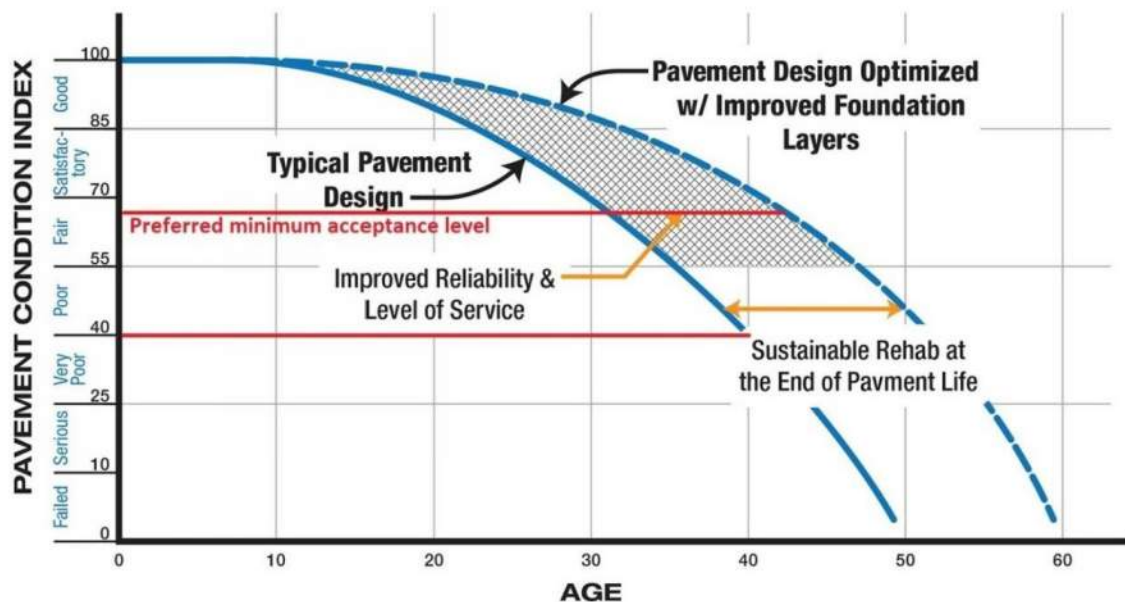


Figure 18 - Improved Pavement Condition Curve

Of the aforementioned qualities, subsurface drainage and uniform support are provided by incorporating an **aggregate subbase** layer under the pavement and behind/below the curb. The aggregate subbase layer also acts as a durable construction platform during street building operations that allows for shorter construction time. Without an aggregate subbase layer, the construction operations can be delayed after a rainfall event due to muddy conditions. The recommended aggregate subbase consists of a minimum 6" thick layer of Iowa DOT specified virgin aggregate Modified Subbase. Figure 19 shows modified subbase.



Figure 19 - Modified Subbase

In order for the aggregate subbase layer to be successful, proper **subgrade preparation** is important to provide stability and uniform support. The placement of aggregate subbase on non-uniform subgrade will not result in good long-term performance. The subgrade needs to be stable and uniform prior to the placement of the subbase. Current City specifications require subgrade preparation which improves the subgrade during construction. This is verified using a proofroll test that exposes soft, unstable soils so they can be re-worked and improved prior to acceptance. For the greatest stability prior to the heavy weight of the slip-form paving machine being applied, it is recommended that subgrade preparation and aggregate subbase placement be completed to a width of three (3) feet beyond the proposed back of curb.

In order to achieve optimal subsurface drainage, an 8-inch diameter **subdrain pipe** is needed to convey water from the aggregate subbase to a storm sewer collection system. A subdrain pipe is made of PVC material with perforations for infiltration of sub-surface water into the pipe. Refer to Figure 20. The ends of the subdrain pipe are connected to either cleanouts and/or storm sewer structures (intakes/manholes). Proper installation and maintenance of the subdrain system is critical to its performance. It is recommended to inspect the pipe after installation and prior to acceptance with televising equipment to ensure proper installation. The subdrain pipe should be reviewed and cleaned periodically to ensure proper performance.



Figure 20 - 8" PVC Subdrain Pipe

The current City requirement for Development projects requires a minimum of one longitudinal pipe along one side of the street to convey sump pump flow (either through a conventional concrete storm sewer pipe or subdrain). However, for the most efficient conveyance of sub-surface water, a subdrain pipe along both sides of the street is recommended. The two subdrain pipes also convey sump pump flow from adjacent (near-side) properties, thereby removing the undesirable crossing of far-side sump pump lines underneath the street.

During the field investigation for the pavement management study, some areas of pavement joint shadowing were noted. Joint shadowing is often a pre-cursor to joint deterioration. The shadowing is caused by the presence of moisture in the concrete pore structure. Figure 21 is a photo of NE Trilein Drive to the north of NE 18th Street (looking north), showing pavement shadowing and joint deterioration along the west longitudinal joint. Upon further investigation, it was determined that this pavement had a single subdrain pipe located along the east side of the street where there was no shadowing or deterioration. Based on this observation, a direct correlation can be drawn between the lack of subsurface drainage and the occurrence of joint shadowing and early stages of joint deterioration.



Figure 21 - Joint Shadowing (NE Trilein Drive, North of NE 18th Street)

Research in Iowa has shown the benefit of an aggregate subbase layer under concrete pavement. Iowa Highway Research Board (IHRB) Technical Report 640 concluded that the drainage coefficient is the most critical design parameter when predicting the PCI on concrete pavements. The report concluded that pavements with improved foundation layers including a drainable aggregate subbase had a higher drainage coefficient, performed better, and lasted longer than those without. Figure 22 is a pavement condition graph displaying the PCI from various pavements in Iowa. The data points in blue are those with an aggregate subbase layer. The best fit line for the projects with pavements constructed on subbase has a flatter slope than the line for projects with pavements constructed on subgrade (no subbase). This indicates a higher PCI value at a given age.

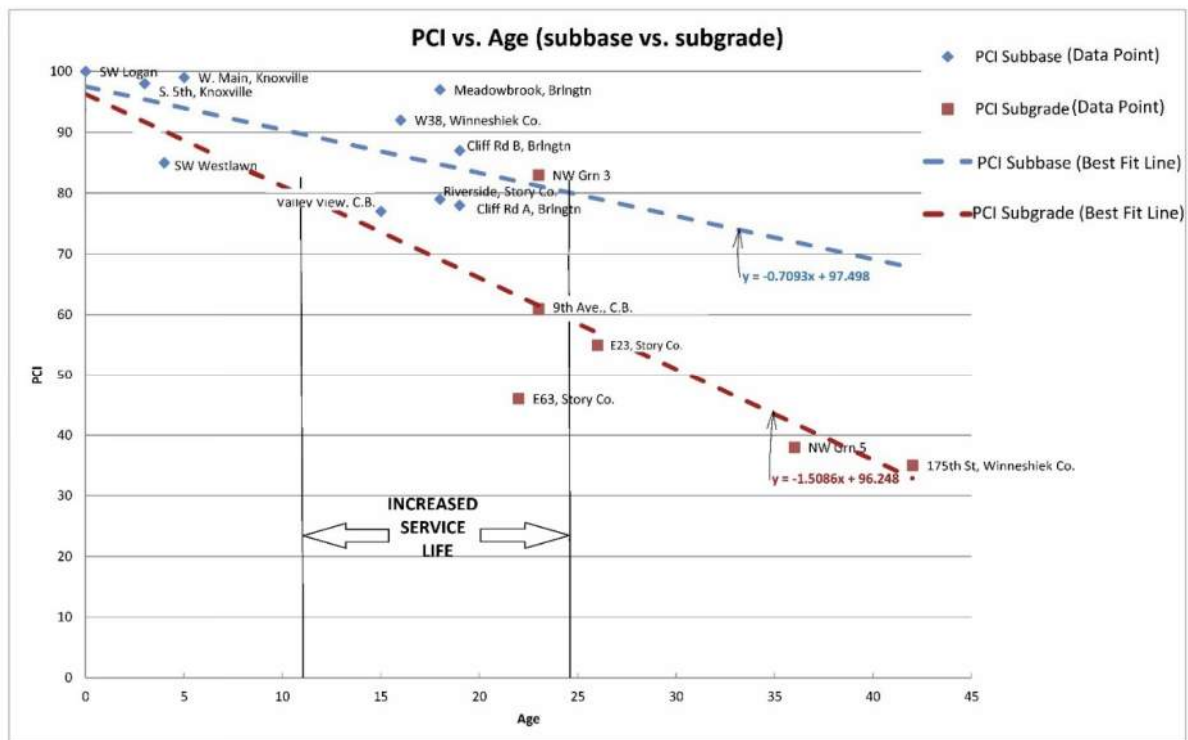


Figure 22 - Pavement Condition Over Time

Figure 23 is an illustration showing the aggregate subbase layer, subgrade preparation, and subdrain pipe which form the pavement foundation system under a concrete pavement. When water enters the pavement structure from rain events, irrigation systems, and natural groundwater, the drainable aggregate subbase layer will allow for the free conveyance of water to the subdrain pipe. The pipe will then convey water to the storm sewer collection system.

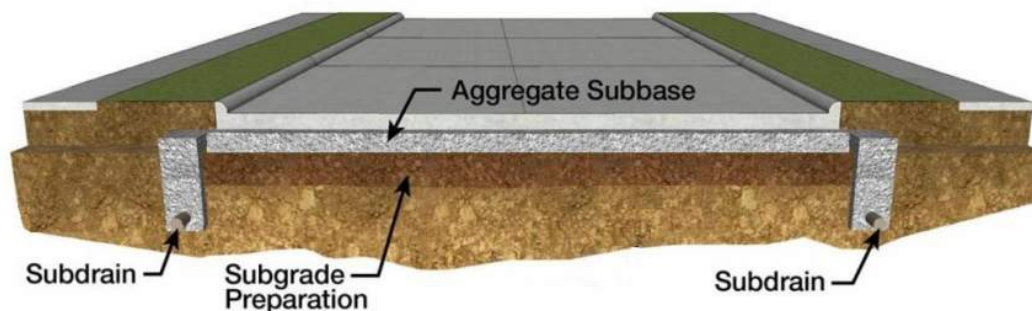


Figure 23 - Improved Foundation Layers

It is recommended that the City require a virgin aggregate subbase layer, in conjunction with subdrain pipe along both sides of the street, for all new concrete street pavements for both CIP and Development projects within the City of Ankeny. Virgin aggregate is preferred over recycled concrete due to the recycled material having too many fine aggregate particles that contribute to clogging of the perforated subdrain. An improved foundation layer will increase the durability and extend the longevity of newly constructed streets. Detailed pavement typical sections for local, collector, and arterial streets are shown in Figures 27 through 31.

C-SUD Concrete Mixture

Portland cement concrete (PCC) is a rigid pavement generally consisting of Portland cement, water, coarse aggregates, and fine aggregates. There are also admixtures that are typically added to enhance the properties of PCC pavement. Standard PCC mixtures specified by the Iowa DOT and Statewide Urban Design and Specifications (SUDAS) include class C mixtures that have been used for many years. In recent years, a more durable mixture was adopted by SUDAS called C-SUD. The main benefit of the C-SUD mixture is a reduced water/cement ratio. The C-SUD mixture provides a more dense and lower permeable product than typical class C mixtures. A denser concrete will allow less harmful chemicals to penetrate the pavement pore structure. As described in further detail below, deicing chemicals such as salt and brine solutions can react with concrete pavement causing severe deterioration originating at the concrete joints. Figure 24 shows placement of the C-SUD mixture.



Figure 24 - C-SUD Mixture Placement

It is recommended that the City require C-SUD concrete mixtures on all new concrete street pavement for both CIP and Development projects within the City of Ankeny to improve the performance of concrete pavement joints which will increase the durability and extend the longevity and service life of newly constructed streets.

Other Considerations

Penetrating Sealers

The purpose of concrete pavement penetrating sealers is to reduce pavement deterioration by keeping water and potential harmful contaminants out of the pavement pore structure. A majority of the penetrating sealer products not only repel moisture but also have the ability to transfer air through the product, allowing for the drying of moisture from the pavement joint system. Sealer products that do not have this property can trap moisture within the pavement pore structure and be a risk for freeze-thaw distress. Figure 25 shows the beading of water on concrete treated with a penetrating sealer.



Figure 25 - Water Beading on Concrete Treated with Penetrating Sealer

Research is ongoing that shows certain penetrating sealer products reduce deterioration rates. This is based on the observation of oxychloride development in concrete pavements. Oxychlorides have expansion rates much higher than water when freezing. Moisture trapped within concrete pavement expands and contracts causing cracks originating at concrete joints. Deicing salts with magnesium chloride and/or calcium chloride are the most aggressive and should be avoided. Deicing salts with sodium chloride show the lowest potential harm to concrete pavements. Figure 26 shows a longitudinal joint after the application of a penetrating sealer.



Figure 26 - Longitudinal Joint After Application of a Penetrating Sealer

Penetrating sealers that allow for drying of moisture from the concrete are recommended for use on concrete pavement joints that show early signs of deterioration. In addition, the application of penetrating sealers on new concrete pavement joints as well as on concrete pavement joints repaired with a preservation project should be considered. A table of recent research documents for penetrating sealers is found in the Appendix.

Winter Operations

In addition to the risk of the development of oxychlorides, the application of deicing salts on new concrete pavements can contribute to surface scaling and joint deterioration if the concrete is not of the proper age. It is recommended to wait a minimum of 30 days after concrete placement before deicing salts are applied. Longer periods are required when the concrete contains supplementary cementitious materials (SCMs) such as fly ash and/or slag. Concrete placed in the spring or summer will typically develop the required maturity needed to resist distress from deicing salts. Concrete placed in the fall season is at more risk for surface scaling and joint deterioration if salts are placed too soon. Table 21 lists the recommended curing times based on concrete mixture.

Table 21 – Recommended Curing Times

Concrete Mixture Type	Minimum pavement age for application of deicing liquids
C-SUD* Mix 20% SCM	60 days
C-SUD* Mix 0% SCM	30 days

**If a standard C mixture is utilized, the times listed above should be doubled.*

Deicing salt materials are effective because they lower the freezing point of moisture on the pavement. This allows for the melting of ice and a reduction of freeze-thaw events that can cause pavement distress. Different salt materials have different freezing points. Some cities limit application of deicing salts to only sodium chloride-based materials at temperatures of 15 degrees Fahrenheit and above. Based on research studies showing that application of calcium chloride and magnesium chloride increases risk of joint deterioration, it is recommended to limit the use of these types of salts.

Some agencies blend organic materials with the deicing salts to achieve better results. Products such as beet juice are effective because they allow the deicing salt to stick better to the pavement. If these products are used, it is recommended to avoid those that include magnesium chloride. The product ‘Beet Heet’ has all of the chlorides (sodium, calcium, and magnesium). There are also other corn syrup-based products that have shown similar results as beet juice; however, the costs have increased in recent years. Table 22 summarizes the recommended changes to the City’s Pavement Design Standards.

Table 22 – Summary of Recommended Changes to Pavement Design Standards

Item	Description of Change
Modified Subbase	Minimum 6” thick layer of Modified Subbase consisting of virgin aggregate material and extending three feet beyond the back of curb line
Subgrade Preparation	Subgrade preparation area should extend three feet beyond the back of curb line
Subdrain	8” PVC Subdrain pipe is recommended on both sides of the street
C-SUD Concrete Mixture	C-SUD concrete mixture is recommended to be used on all new concrete street pavements for both CIP and Development projects
Penetrating Sealers	Penetrating sealers are recommended for use on concrete pavement joints that show early signs of deterioration
Winter Operations	It is recommended to allow for a minimum of 30 days curing time prior to the application of deicing salts on new concrete pavement

Costs of Pavement Design Standard Changes

In order to understand the additional construction costs for the recommended changes to the pavement design standards, example calculations were performed based on the unit cost for each recommended improvement type. Two examples were evaluated. In each example, a length of 1,000 feet was used. Example A includes a 31-foot-wide street with 75-foot-wide lots resulting in a total of 26 lots. Example B includes a 27-foot-wide street with 65-foot-wide lots resulting in 30 lots. Table 23 lists the additional costs for the recommended changes to the City’s pavement design standards. Tables 24 and 25 show the breakdown of costs for each of the recommended pavement design standard changes. It should be noted that the unit costs for these recommendations are based on Public Government (CIP) project costs. Private Development (Developer) costs tend to be less expensive than CIP costs. Therefore, the costs associated with these recommendations would likely be less expensive for a Developer.

Table 23 – Estimated Costs for Changes to Pavement Design Standards

Recommendation	Average Cost per Lot (Example A)	Average Cost per Lot (Example B)
Class 10 Excavation for Modified Subbase	\$264	\$204
6” Modified Subbase (virgin aggregate)	\$1,976	\$1,528
8” Subdrain (on one additional side)	\$962	\$833
C-SUD Concrete Mixture	\$265	\$200
Total Cost	\$3,467	\$2,765

Table 24 – (Example A) Cost Breakdown for Recommended Pavement Design Standard Changes

Example A – 75' wide lot, 26 lots, 31' wide street		
Class 10 Excavation cost: (excavate and haul away 6" of subgrade in order to prepare for 6" of modified subbase)		
1,000' x 37' x 6"/12 = 18,500 cubic feet	18,500	cubic feet
18,500 cubic feet / 27 = 685 cubic yards	685	cubic yards
685 cubic yards x \$10.00 per cubic yard = \$6,850	\$ 6,850	total cost
\$6,850 / 26 lots = \$264 per lot	\$ 264	cost per lot
6" Modified Subbase cost: (modified subbase width is 37' due to subbase being placed 3' beyond the pavement width on each side)		
(1,000' x 37') / 9 = 4,111 square yards	4,111	square yards
4,111 square yards x \$12.50 per square yard = \$51,389	\$ 51,389	total cost
\$51,389 / 26 lots = \$1,976 per lot	\$ 1,976	cost per lot
8" Subdrain cost:		
1,000' x 1 side = 1,000 feet	1,000	lineal feet
1,000' x \$25.00 per foot = \$ 25,000	\$ 25,000	total cost
\$25,000 / 26 lots = \$962	\$ 962	cost per lot
C-SUD Concrete Mixture cost: (8" thick in this example)		
1,000' x 31' / 9 = 3,444 square yards	3,444	square yards
3,444 square yards x \$2.00 per square yard = \$6,889	\$ 6,889	total cost
\$6,889 / 26 lots = \$265 per lot	\$ 265	cost per lot
Total Cost per Lot (Example A) – 75' wide lot, 26 lots, 31' wide street	\$ 3,467	

Table 25 – (Example B) Cost Breakdown for Recommended Pavement Design Standard Changes

Example B – 65' wide lot, 30 lots, 27' wide street		
Class 10 Excavation cost: (excavate and haul away 6" of subgrade in order to prepare for 6" modified subbase)		
1,000' x 33' x 6"/12 = 16,500 cubic feet	16,500	cubic feet
16,500 cubic feet / 27 = 611 cubic yards	611	cubic yards
611 cubic yards x \$10.00 per cubic yard = \$6,110	\$ 6,110	total cost
\$6,110 / 30 lots = \$204 per lot	\$ 204	cost per lot
6" Modified Subbase cost: (modified subbase width is 33' due to subbase being placed 3' beyond the pavement width on each side)		
(1,000' x 33') / 9 = 3,667 square yards	3,667	square yards
3,667 square yards x \$12.50 per square yard = \$45,833	\$ 45,833	total cost
\$45,833 / 30 lots = \$1,528 per lot	\$ 1,528	cost per lot
8" Subdrain cost:		
1,000' x 1 side = 1,000 feet	1,000	lineal feet
1,000' x \$25.00 per foot = \$ 25,000	\$ 25,000	total cost
\$25,000 / 30 lots = \$833	\$ 833	cost per lot
C-SUD Concrete Mixture cost: (8" thick in this example)		
1,000' x 27' / 9 = 3,000 square yards	3,000	square yards
3,000 square yards x \$2.00 per square yard = \$6,000	\$ 6,000	total cost
\$6,000 / 30 lots = \$200 per lot	\$ 200	cost per lot
Total Cost per Lot (Example B) – 65' wide lot, 30 lots, 27' wide street	\$ 2,765	

Recommended Pavement Typical Sections

Classification of roadways includes local streets, collector streets, and minor and major arterial streets. As the amount of traffic increases, the required pavement thickness increases for each roadway classification. The recommended minimum pavement thicknesses for local streets, collector streets, and arterial streets are 7", 8", and 9", respectively. (A pavement thickness design calculation is recommended for major arterial streets.)

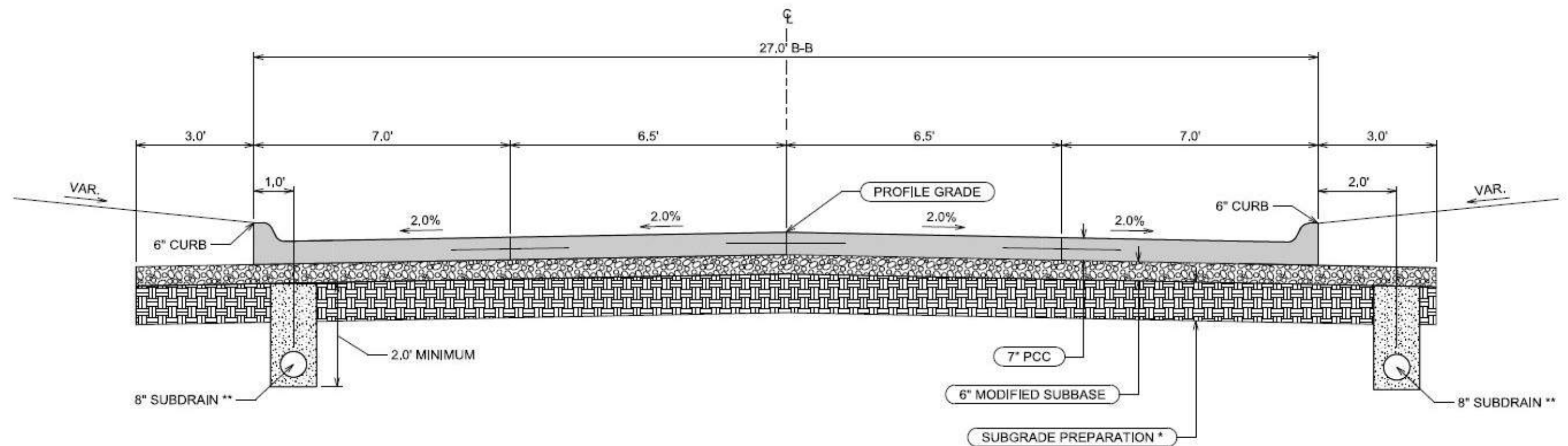
PCC pavement is recommended for new street construction or reconstruction due to its design life, durability, and potential for long-term performance. PCC maintenance activities including concrete panel patching can also be performed by City staff.

HMA pavement is recommended to be used as an overlay material for PCC pavements in situations where the HMA pavement will serve as a protection layer for older PCC pavements that have permeable mixes and are experiencing joint-related distress. HMA is also recommended for use as a wearing surface for high traffic arterial streets where future maintenance activities can be completed quickly with less impact to the public. Table 26 lists the recommended uses for PCC and HMA pavement types.

Table 26 – Application for PCC and HMA Pavement Types

Application	Mixture Type	
	PCC	HMA
Arterial Overlay		X
New Construction	X	
Street Replacement	X	
Existing PCC Maintenance	X	
Existing HMA Maintenance		X

The recommended pavement typical sections to be included in the City's design standards for new local streets, collector streets, and minor and major arterial streets are shown in Figures 27 through 31.



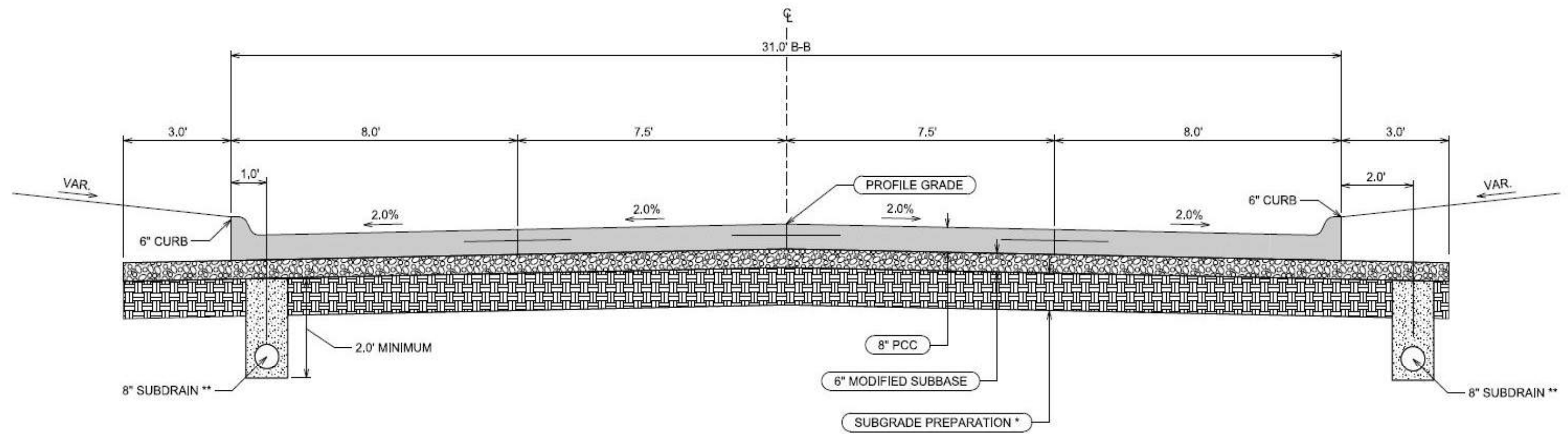
NOTES

1. C-SUD MIX
2. 'C' JOINTS AT 15' SPACING
3. SUBGRADE PREPARATION *
4. 8" SUBDRAIN **

* 6" ON RESIDENTIAL RECONSTRUCTION PROJECTS
12" ON ALL OTHER APPLICATIONS (TWO 6" LIFTS)

** LOCATION IS 2.0' BEHIND THE CURB ON THE SIDE
THAT IS OPPOSITE THE STORM SEWER
LOCATION IS 1.0' IN FRONT OF CURB ON THE SIDE
THAT IS ADJACENT TO THE STORM SEWER

Figure 27 - Local Streets Pavement Typical Section



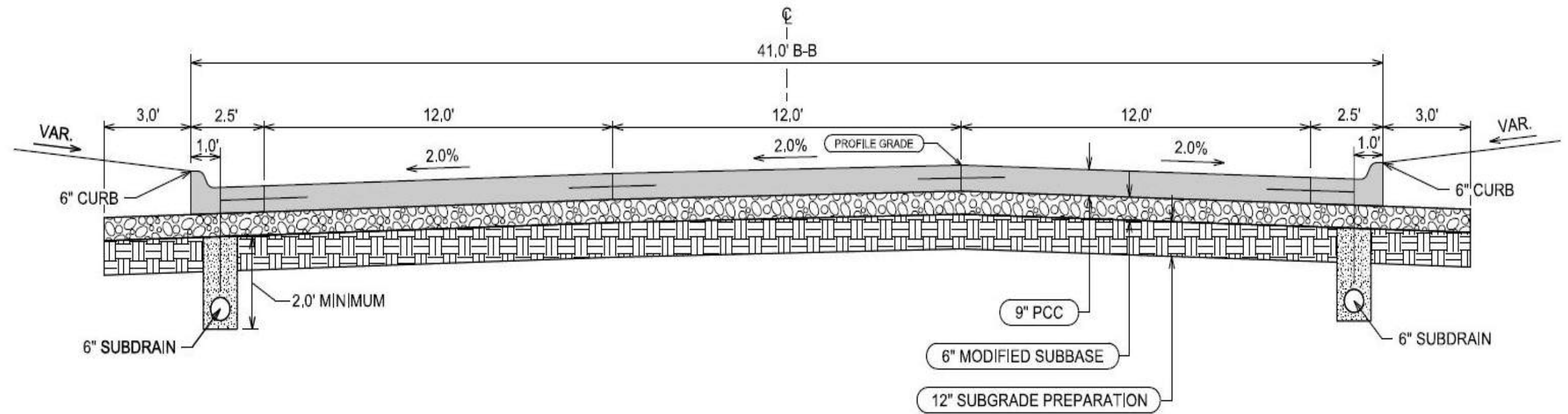
NOTES

1. C-SUD MIX
2. 'CD' JOINTS AT 15' SPACING
3. SUBGRADE PREPARATION *
4. 8" SUBDRAIN **

* 6" ON RESIDENTIAL RECONSTRUCTION PROJECTS
12" ON ALL OTHER APPLICATIONS (TWO 6" LIFTS)

** LOCATION IS 2.0' BEHIND THE CURB ON THE SIDE
THAT IS OPPOSITE THE STORM SEWER
LOCATION IS 1.0' IN FRONT OF CURB ON THE SIDE
THAT IS ADJACENT TO THE STORM SEWER

Figure 28 - Collector Streets Pavement Typical Section



NOTES

1. C-SUD MIX
2. 'CD' JOINTS AT 15' SPACING
3. USE 8" SUBDRAIN AND PLACE 2.0' BEHIND CURB IF ADJACENT TO HOUSING
4. 12" SUBGRADE PREPARATION IN TWO 6" LIFTS
5. 2.5' OUTSIDE CURB AND GUTTER JOINT FLARES OUT TO 3.0' FROM BACK OF CURB AT INTAKES

Figure 29 - Minor Arterial Streets (Non-Divided) Pavement Typical Section

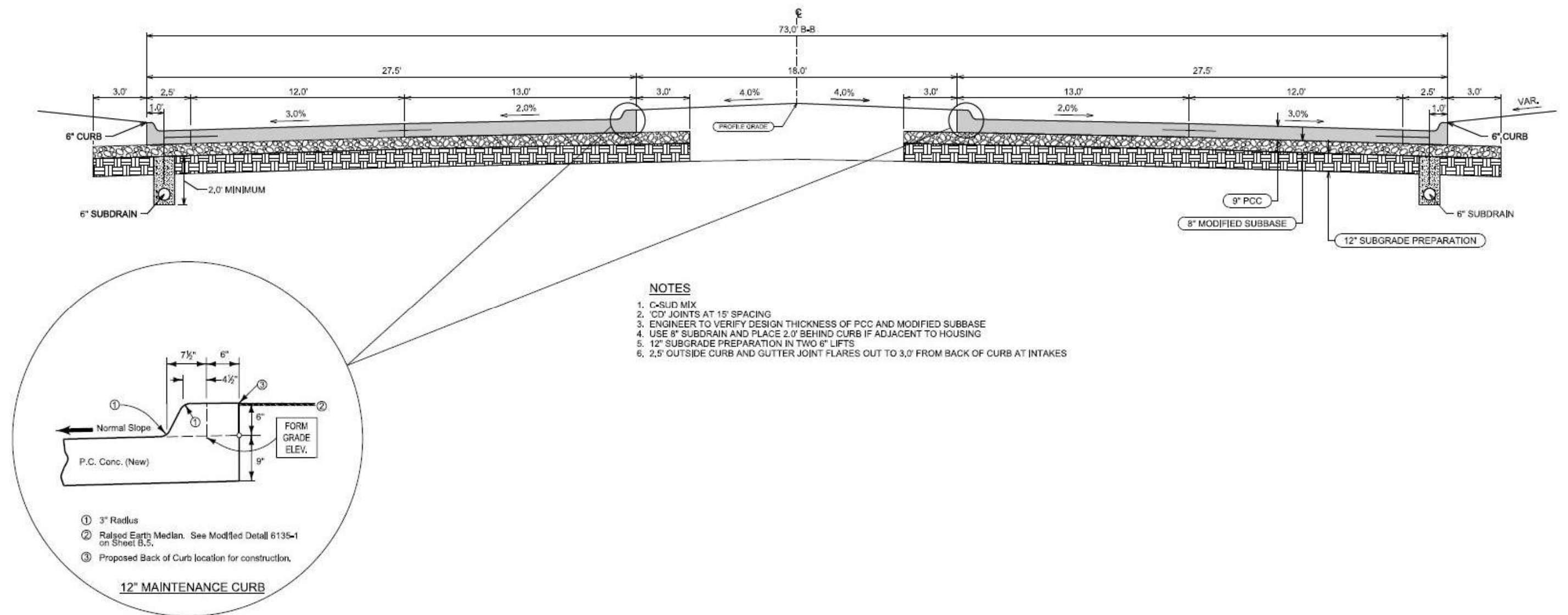
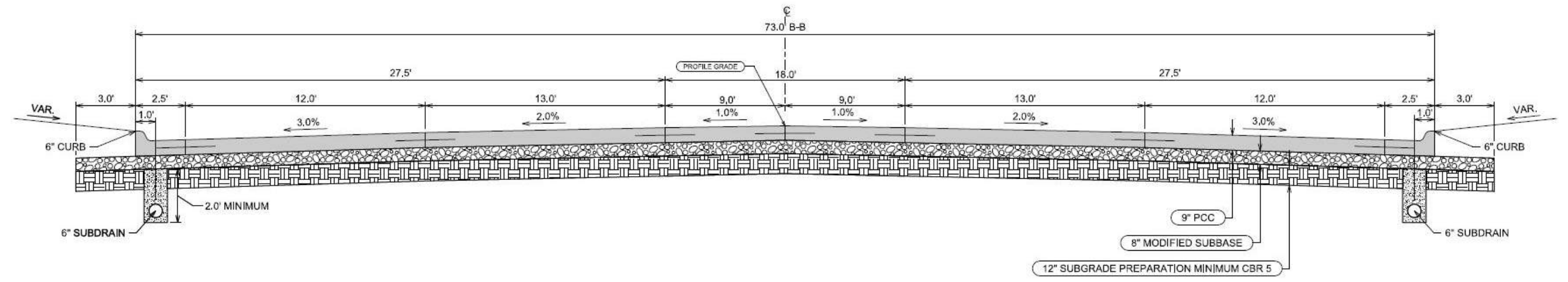


Figure 30 - Major Arterial Streets (Divided) Pavement Typical Section



NOTES

1. C-SUD MIX
2. 'CD' JOINTS AT 15' SPACING
3. ENGINEER TO VERIFY DESIGN THICKNESS OF PCC AND MODIFIED SUBBASE
4. USE 8" SUBDRAIN AND PLACE 2.0' BEHIND CURB IF ADJACENT TO HOUSING
5. 12" SUBGRADE PREPARATION IN TWO 6" LIFTS
6. 2.5' OUTSIDE CURB AND GUTTER JOINT FLARES OUT TO 3.0' FROM BACK OF CURB AT INTAKES

Figure 31 - Major Arterial Streets (Non-Divided) Pavement Typical Section

Comparison with Other Municipalities

A review of population, street network size, pavement condition, pavement improvements funding, and design standards was performed on municipalities within central Iowa. Figure 32 and Figure 33 show the population based on the 2021 US Census Bureau and 2021 CityPCI values for the metro cities.

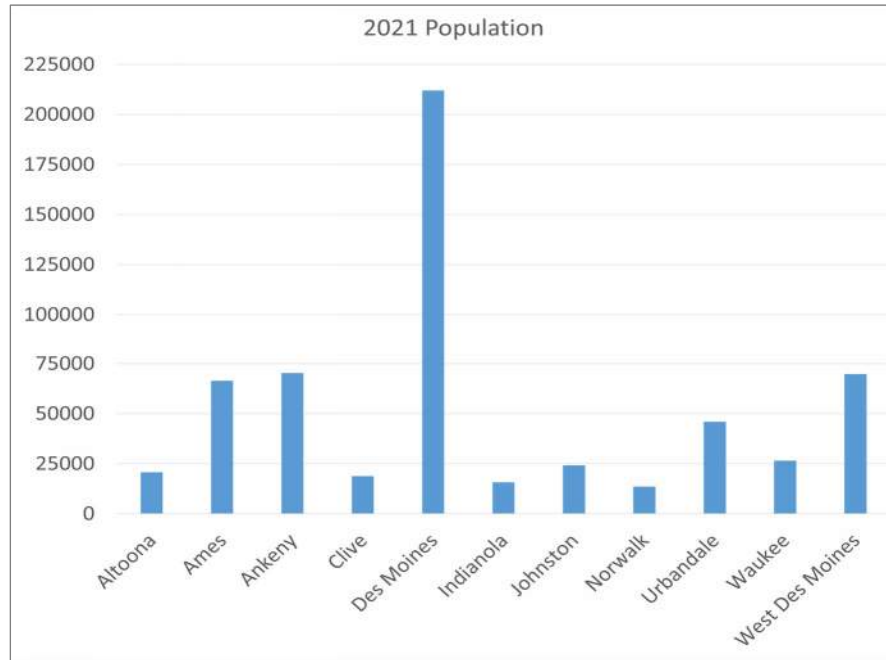


Figure 32 - 2021 Population of Municipalities in Central Iowa

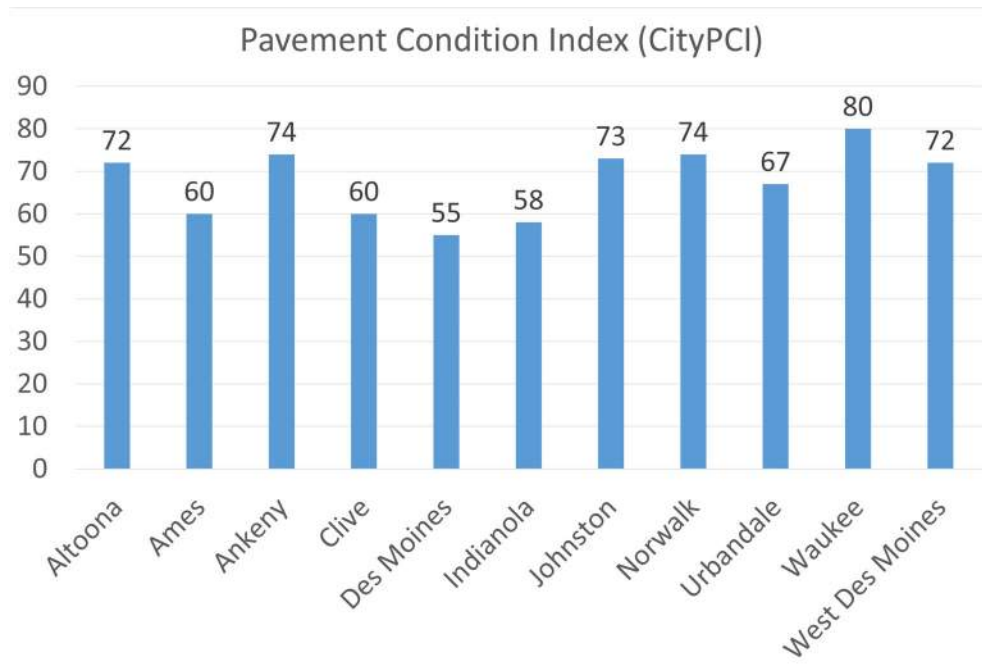


Figure 33 - 2021 CityPCI Values for Municipalities in Central Iowa

A review of CIP documents from municipalities within central Iowa showed a wide range of capital funding for street improvements. Street preservation values were derived from pavement preservation type categories listed in the individual CIP documents. The values were transferred from the individual CIP's to develop the bar charts without an in-depth knowledge of the scope of the improvements or if the improvements were programmed based on aging pavement condition, capacity needs, or other reasons. It is also important to note that some cities classify street preservation differently than Ankeny and other cities. Although funding values for the 11 communities varied widely, the communities of Ames, Clive, Des Moines, and West Des Moines showed consistent annual funding values for pavement preservation work. Figure 34 shows the various CIP funding levels per capita and per centerline mile.

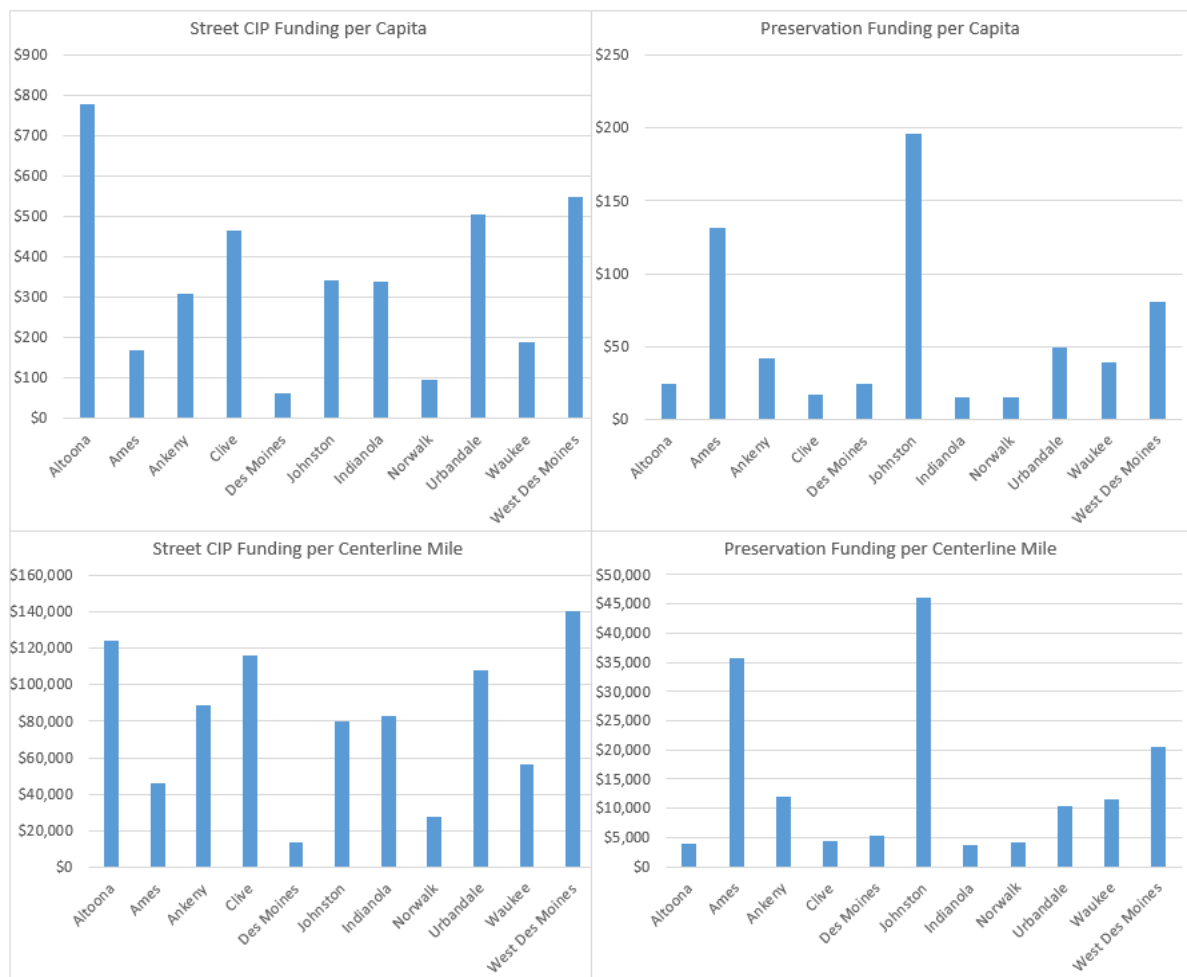


Figure 34 - 2022 Street CIP Funding and Pavement Preservation Funding for Municipalities in Central Iowa

Table 27 on the following page lists the values utilized to develop the bar charts shown in Figures 32 through 34.

Table 27 - Summary Comparison of Municipalities within Central Iowa

City	Population (1)	Centerline Miles (2)	Average CityPCI (3)	Year	Street CIP Total (4)	Total Pavement Rehabilitation (5)	CIP Notes (6)	GO Bonds	Road Use Tax	Local Option Sales Tax	PCC Thickness	Mix	Subbase	Subgrade Treatment	Subdrain	Notes
Altoona	20,705	130	72	FY 2023	\$16,115,000	\$ 500,000	Funded by Road Use Tax and LOST. \$16,115,000 is based on reconstruction and new construction with a portion dependent on development and other funding including RISE grants and federal funding. \$500,000 preservation also covered storm sewer and ADA ramps.	X	X	X	Locals: 7" JPCP Residential Collectors: 8" JPCP Arterials: Designed by Consultant	Paving: Class C Mixes per SUDAS Patching: Class M Mix per SUDAS	Residential collectors require 6" modified subbase on CIP projects only - not development projects	Subgrade prep per SUDAS Section 2010	Residential collectors require subdrain	
Ames	66,424	245	60	FY 2023	\$11,236,000	\$ 8,750,000	Funding data from 2022-2027 CIP. Funded by Road Use Tax and LOST. \$11,236,000 includes CyRide routes, concrete and asphalt street improvements, seal coats, alley improvements, downtown streets, and ROW restoration. No funding for arterial and collector streets in 2022/2023, however \$2.8 million for arterials and collectors in 2023/2024. Ames has the following preservation amounts annually: concrete improvements (\$3.6 million), asphalt improvements (\$3 million), seal coat improvements (\$1.75 million), and alley improvements (\$400,000).	X	X	X	Local Streets: 7" JRCP on subgrade or 6" JPCP on 6" Subbase Minor Collectors: 8" JPCP on 6" Subbase Major Collectors & Arterials: per SUDAS Design	Paving: Class C4WRC20 with C3WRC20 per SUDAS on occasion with 5 day minimum cure before opening	Minimum 6" required on collectors and arterials. Option for locals if JPCP	Per Iowa DOT Standard Specifications Section 2010.3.06.A.2.	Subdrain not required unless City specifies for project	Uses PCI6 which results in an overall higher PCI rating across all streets.
Ankeny	70,287	273	74	CY 2023	\$21,681,000	\$ 3,765,000	Funding data from 2023-2027 CIP. Funded by Road Use Tax only. PCC patching is \$1.5 million to \$1.7 million annually, asphalt resurfacing is \$350k to \$475k annually, PCC preservation is \$350k to \$450k annually, street replacement ranges between \$1.2 million and \$1.5 million annually.	X	X		Locals: 7" JPCP Collectors: 8" JPCP Arterials: 9" JPCP or greater	CIP Paving: Class C-SUD Mix Development Paving: Class C Mix CIP Patching: Class C-SUD Mix Development Patching: N/A All per SUDAS Specs	Modified subbase (virgin aggregate; recycled materials not allowed) on CIP projects only. Development projects are paved directly on subgrade with no subbase	12" subgrade prep performed in two lifts on all streets except residential reconstruction which is followed by 6" subgrade core out followed by 6" subgrade prep	CIP projects: 8" subdrain on both sides for Locals and Collectors (with sump lines), 6" subdrain on both sides for Arterials (no sumps). Development projects: Provide storm sewer or subdrain on one side of street only	Slip-form paver required for areas larger than 8.5' wide and 150' long, 3,000 psi compressive opening strength, maturity method not allowed
Clive	18,814	75	60	CY 2023	\$ 8,729,000	\$ 325,000	Funding data from 2022-2026 CIP. Funded by Road Use Tax, Utility Franchise Fees and LOST. \$8,729,000 listed under transportation projects. 2022 CIP includes two reconstruction projects (\$2.8M and \$1.5M), 2022 CIP preservation (listed as rehabilitation in their CIP document) is \$325,000 and is this amount annually.	X	X	X	Locals: 7" JPCP, 6" JRCP Collectors & Arterials: per SUDAS Design	Paving: C-SUD Mix per SUDAS for all paving (CIP and Development) Patching: Class M Mix per SUDAS	6" modified subbase for all paving (CIP and Development) with engineering fabric on residential streets, collectors, and arterials	12"subgrade prep, minimum CBR 10	Provide storm sewer, sump pump line, or subdrain on each side of street	20% fly ash, 6-8% air, 0.40 - 0.45 w/c ratio, change in standards results in \$2,500 increase in lot price. Has an in-house Pavement Management Program. Uses CityPCI (Intrans definition)
Des Moines	212,031	975	55	FY 2023	\$13,460,945	\$ 5,125,000	Funding data from CIP FY 2022-2023 Budget / FY 2024-2026 Plan. Funded by Road Use Tax and LOST. Street replacement / reconstruction varies annually. Asphalt improvements of \$1,375,000 are performed in-house. Major corridors are being reconstructed and may skew the numbers. Des Moines has a regular preservation program with the approximate funding annually: in-house asphalt improvements (\$1.3 million), residential rehabilitation (\$1.5 million), PCC pavement replacement (\$225,000), in-house public works concrete street and curb (\$2.1 million).	X	X	X	Locals: 8" JPCP Collectors & Arterials: 9" JPCP	Paving: Class C-4 Mix per SUDAS	Installed under all PCC pavements for CIP projects only - not development projects	In-house Geotechnical Engineer	Subdrain on both sides for CIP projects. Subdrain is dependent on geotechnical report for Development projects. Encourages 8" combination subdrain/sump pump lines.	Uses CityPCI (Intrans definition). Has a Pavement Management Program
Indianola	15,747	64	58	FY 2022	\$ 5,309,285	\$ 238,285	PMS data from Snyder & Associates database. Funding data from FY 2022 CIP. Funded by Road Use Tax and (County) LOST. Totals are labeled capital improvements and preventative maintenance. One large project at downtown streetscape for \$3,937,000. Total Streets CIP: \$3,854,475 (FY 21), \$5,309,285 (FY 22), \$2,925,120 (FY 23), \$5,324,300 (FY 24)	X	X	X	Local Streets on subgrade: 8" JPCP or 7" JRCP Local Streets on 6" subbase: 7" JPCP Minor Collectors on 6" subbase: 8" JPCP Major Collectors & Arterials: minimum 6" subbase, PCC thickness per SUDAS Design	Paving: Class C3WRC20 and C4WRC20 Mixes per SUDAS Patching: Class M Mix per SUDAS	6" rock subbase required for arterial, collector, and 7" non-reinforced local streets constructed by developers. No rock subbase is required for 8" non-reinforced or 7" reinforced local streets constructed by developers	12" subgrade prep performed in two lifts	Subdrain not required unless City specifies for project	PCI determined by PAVER - Pavement Management software
Johnston	24,195	103	73	FY 2023	\$13,997,017	\$ 3,600,000	Funding data from 2021-2025 CIP. Funded by Road Use Tax, GO Bonds, Grants, TIF, and LOST. Projects split across multiple years.	X	X	X	Per SUDAS design	Paving: C-SUD Mix per SUDAS on all City construction projects Patching: Class M Mix per SUDAS	Only when specified on project	Subgrade prep per SUDAS Section 2010	Subdrain not required unless City specifies for project	
Norwalk	13,609	47	74	FY 2022	\$ 1,300,000	\$ 200,000	Funding data from 2022-2026 CIP. Funded by Road Use Tax and (County) LOST. 2022 street maintenance is \$400k annually for 2023-2026.	X	X	X	Per SUDAS design	Paving: Class C Mixes per SUDAS Patching: Class M Mix per SUDAS	Only when specified on project	Subgrade prep per SUDAS Section 2010	Subdrain not required unless City specifies for project	
Urbandale	45,923	215	67	CY 2022	\$21,927,900	\$ 2,251,000	Funding data from 2021-2026 CIP. Funded by Road Use Tax, Grants, and LOST. \$2,251,000 is listed as rehabilitation in the CIP document.	X	X	X	Per SUDAS design	Paving: Class C Mixes per SUDAS Patching: Class M Mix per SUDAS	Only when specified on project	Subgrade prep per SUDAS Section 2010	Subdrain not required unless City specifies for project	
Waukee	26,495	89	80	FY 2022	\$ 5,030,941	\$ 1,025,941	Funding data from FY 2022-2026 CIP. Funded by Road Use Tax and LOST. 2021 CIP was \$32.8M, 2022 CIP is \$5.0M, 2023 CIP is \$10.15M.	X	X	X	Local Streets on subgrade: 7" Minor collectors on 6" subbase: 7" Major collectors on 6" subbase: 8" Minor arterials on 6" subbase: 9" Major arterials on 6" subbase: 10" JPCP on all PCC streets	Paving: C-SUD Mix per SUDAS on arterial and major collector CIP projects Patching: M-4 Mix per SUDAS	6" granular modified subbase on collectors and arterials	12" subgrade prep	Provide storm sewer, sump pump line, or subdrain on each side of street	Also has 29' wide street detail
West Des Moines	69,792	272	72	FY 2023	\$38,145,000	\$ 5,600,000	Funding data from CIP. Funded by Road Use Tax and LOST. West Des Moines has a regular preservation program that is around \$5.5 to \$6.5 million annually.	X	X	X	Residential: 6" Minor collectors: 7" Major collectors: 8" Arterials: 9" or greater JRCP all PCC streets, consider JPCP if requested	Paving: C-SUD Mix per SUDAS on all CIP projects except patching and Development projects if arterials and collectors with C-4 Mix per SUDAS for other paving M-4 Mix per SUDAS for patching	Based on Geotech Report	12" subgrade prep	Based on Geotech Report. Sump pump lines required for new residential developments	Uses CityPCI (Intrans definition). Has an in-house Pavement Management Program. Requires using the same PCC mix source for a minimum of 500 CY of continuous paving
Footnotes:	(1) Population is based on 2021 US Census Bureau.															
	(2) Ankeny mileage is based on 2021 InTrans collection data. Mileage from other cities is from Des Moines Area MPO 2020 Pavement Condition Report and based on 2019 collection data.															
	(3) CityPCI is based on InTrans 2021 collection data.															
	(4) Street CIP total was obtained from each municipalities' CIP and typically includes different projects including reconstruction, new construction, widening, and preservation. CIP amount varies annually across many communities.															
	(5) Total Pavement Rehabilitation values were derived from each city's CIP documents and typically includes annual reconstruction, patching, preservation, and asphalt overlay programs. The values from the CIP documents were used in this table without an in-depth knowledge of the improvements or if they were programmed based on aging pavement condition, capacity needs, or other reasons.															
	(6) Reference individual cities' websites for detailed CIP information.															
Acronyms	CY = Calendar Year, CY 2023 = January through December 2023															
	FY = Fiscal Year, FY 2023 = July 2022 to June 2023															
	JPCP = Jointed Plain Concrete Pavement															
	JRCP = Jointed Reinforced Concrete Pavement															
	SUDAS = Statewide Urban Design and Specifications															
	LOST = Local Option Sales Tax															

9. APPENDIX

City of Ankeny Specifications

The City of Ankeny previously adopted the Statewide Urban Design Standards and Specifications (SUDAS) for all infrastructure improvements. In 2014, the City developed Supplemental Specifications to define specific modifications (or exceptions) to SUDAS. During 2023, City of Ankeny staff from the Public Works Department and the Municipal Utilities Department are in the process of updating the City's Supplemental Specifications. As a part of the Pavement Management Study, Snyder & Associates was tasked by City of Ankeny staff to review the most recent (2023) edition of SUDAS for modifications based on published pavement research, national pavement design, and performance guides, as well as experience from lessons learned in other municipalities. Recommended changes to the 2023 edition of SUDAS to incorporate into the City of Ankeny's updated Supplemental Specifications related to pavement are listed in Table 28. Table 29 includes a summary of concrete penetrating sealer research and Table 30 includes a summary of concrete pavement joint performance research.

Table 28 – Recommended Changes to the 2023 SUDAS Standard Specifications

Specifications Section	Specifications Sub-Section	Current Sub-Section Language	Recommended Sub-Section Language
Section 7010 - Portland Cement Concrete Pavement	PART 2 - PRODUCTS 2.01 - MATERIALS J. - Metal Keyways:	Comply with Iowa DOT Section 4191.	Keyway joints are not allowed.
Section 7010 - Portland Cement Concrete Pavement	PART 2 - PRODUCTS 2.02 - CONCRETE MIXES A. - Mix Design:	1. Comply with Iowa DOT Class C or M mix meeting the requirements of Materials I.M. 529. If higher durability mixes are specified, use C-SUD or CV-SUD Mixes.	1. Comply with SUDAS Class C-SUD mix or Iowa DOT Class M mix meeting the requirements of Materials I.M. 529 for all street pavement, both machine-placed and hand-placed. Iowa DOT Class C mixes will not be allowed for street pavement.
Section 7010 - Portland Cement Concrete Pavement	PART 3 - EXECUTION 3.05 - USE OF PAVEMENT	Time for opening pavement for use is determined by maturity method complying with Iowa DOT Materials I.M. 383 or age and test results. The minimum age of test results needed for opening are shown in Table 7010.01.	Pavement shall demonstrate a minimum compressive strength of 3,000 psi prior to opening to traffic or construction loading. Compressive strength test cylinders are to be used to determine minimum age for opening. Unless otherwise specified in the contract documents, maturity method shall not be allowed to determine the time for opening pavement.
Section 7010 - Portland Cement Concrete Pavement	PART 3 - EXECUTION 3.07 - QUALITY CONTROL C. - Pavement Smoothness:	Evaluate pavement smoothness for all PCC pavement and overlay surfaces.	Evaluate pavement smoothness for all PCC pavement and overlay surfaces. If, in the opinion of the Engineer, additional smoothness testing is necessary, the Contractor shall have the pavement smoothness measured by a profilograph at no additional cost to the Contracting Authority.
Section 7010 - Portland Cement Concrete Pavement	PART 3 - EXECUTION 3.07 - QUALITY CONTROL E. - Defects or Deficiencies:	Remove and replace or repair pavement containing excessive cracks, fractures, spalls, or other defects at no additional cost to the Contracting Authority. The method of replacement or repair will be determined by the Engineer.	1. Remove and replace or repair pavement containing excessive cracks, fractures, spalls, or other defects at no additional cost to the Contracting Authority. Refer to the Iowa DOT Construction Manual, Appendix 9-6 "Recommended Repairs for Cracking in PCC Pavements" for methods of repair. 2. Any individual pavement panel with vertical faulting in excess of 0.25 inches (1/4") will be required to be fully replaced by the Contractor at no additional cost to the Contracting Authority.
Section 7020 - Asphalt Pavement	PART 3 - EXECUTION 3.05 - PAVEMENT SMOOTHNESS	(Not a current SUDAS Specification.)	Evaluate pavement smoothness for all HMA pavement and overlay surfaces. If, in the opinion of the Engineer, additional smoothness testing is necessary, the Contractor shall have the pavement smoothness measured by a profilograph at no additional cost to the Contracting Authority.

Table 29 – Summary of Concrete Penetrating Sealer Research

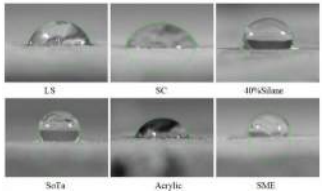
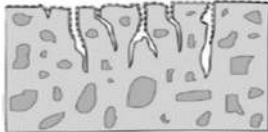
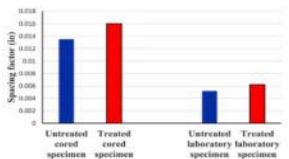
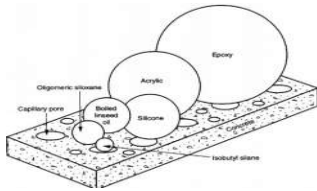
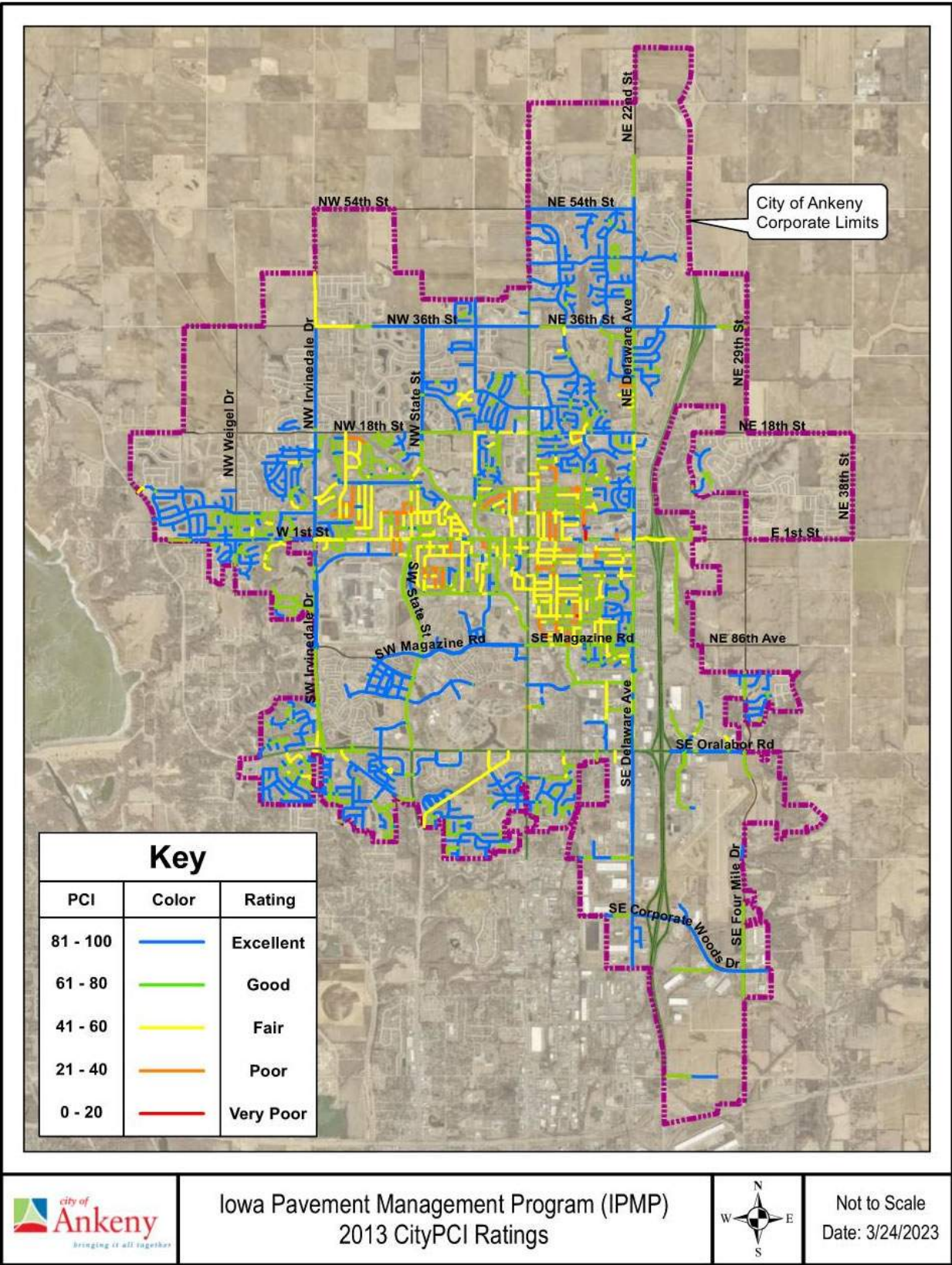
Name	Date	Author	Publication Agency	Notes	Images
Evaluation of Penetrating Sealers for Concrete TR-765 https://intrans.iastate.edu/app/uploads/2022/06/concrete_penetrating_sealers_eval_w_cvr.pdf	June 2022	Vanessa Goetz, Peter Taylor	Iowa DOT, Iowa State University	This research studies the effect of sealers on the durability of joints in Iowa's rigid pavements, as well as proposing tests for the sealer material's long-term durability.	
Evaluation of Penetrating Sealers Applied to Saw Cut Faces in Concrete Pavement Joints https://wisconsindot.gov/documents2/research/0092-18-01-final-report.pdf	March 2020	Danny X. Xiao, Ph.D., P.E., ENV SP; Samuel Owusu-Ababio, Ph.D., P.E.; Robert Schmitt, Ph.D., P.E.	Wisconsin DOT	The objectives of this study were to assess using penetrating sealers to protect concrete pavement joints and to evaluate its cost-effectiveness.	
Dual-crystallization waterproofing technology for topical treatment of concrete https://www.sciencedirect.com/science/article/pii/S2214509520300802?via%3Dihub	December 2020	Radi Al-Rashed, Maher Jabari	ScienceDirect	This publication presents the results of experimental work on dual-crystallization waterproofing technology as a treatment for existing or fully cured concrete.	
Proposed Testing of Concrete Sealers https://uknowledge.uky.edu/cgi/viewcontent.cgi?article=1005&context=ktc_technicalassistancereports	July 2017	Danny Wells, Sudhir Palle, Theodore Hopwood II	Kentucky Transportation Center, U of K	This research involved testing the absorption, application rates, adhesion, penetration, and chloride levels for the various types of concrete sealers that could be used for bridge decks.	
Penetrating Sealers Evaluation on Portland Cement Concrete with Supplemental Cementitious Materials https://dot.nebraska.gov/media/7408/2016-penetrating-sealers-evaluation-on-portland-cement-concrete-with-supplemental-cementitious-materials.pdf	December 2016	Lieska Halsey, Bob Seger, Wally Heyen	Nebraska DOT	The objective of this investigation was to evaluate the effects of humidity, temperature, and SCMs on the drying time of penetrating sealers for pavements and evaluate the effects that sealers have on skid resistance.	
Investigation of Deterioration of Joints in Concrete Pavements: Field Study of Penetrating Sealers https://pubsearch.dot.state.mn.us/research/pdf/2016MRRDOC001.pdf	March 2016	Lawrence L. Sutter, Gerald C. Anzalone	FHWA Pooled Fund TPF-5(224)	This research was to assess various waterproofing sealers applied to pavement joints with respect to limiting water ingress on MN I-94.	
Comparative Evaluation of Concrete Bridge Deck Sealers http://utca.eng.ua.edu/files/2015/09/14401-Final-Report.pdf	August 2015	Dr. Eric R. Giannini, Dr. Jay Lindly, Mr. J. Riley Dunn	University Transportation Center for Alabama	The main objective of this research was to compare the performance of five bridge deck sealer products.	
Evaluation of Sealers and Waterproofers for Extending the Life Cycle of Concrete https://docs.lib.purdue.edu/cgi/viewcontent.cgi?article=3091&context=jtrp	August 2015	Andrew Wiese, Yaghoob Farnam, Wesley Jones, Paul Imbrock, Bernie Tao, W. Jason Weiss	Indiana DOT, Purdue University	The report discusses field application of the SME-PS blends for field investigation in Lafayette and Fishers, Indiana.	
Durability of Silane Sealer in a Highly Alkaline Environment https://scholarworks.uark.edu/cgi/viewcontent.cgi?article=3754&context=etd	August 2014	Cameron David Murray	University of Arkansas	This research studies whether silane penetrating sealers have an impact limiting alkali-silica reaction (ASR) in concrete.	

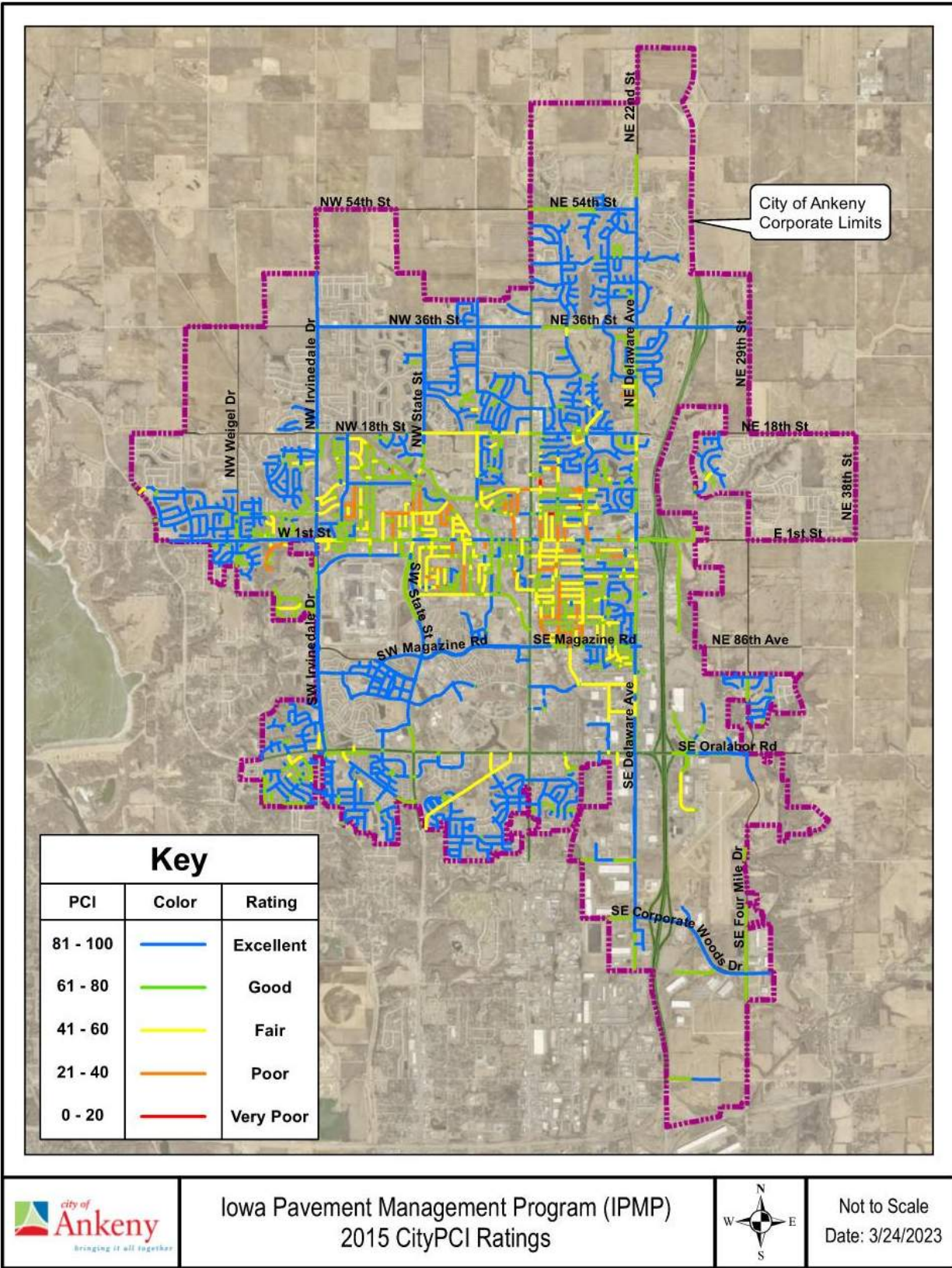
Table 30 – Joint Performance Research

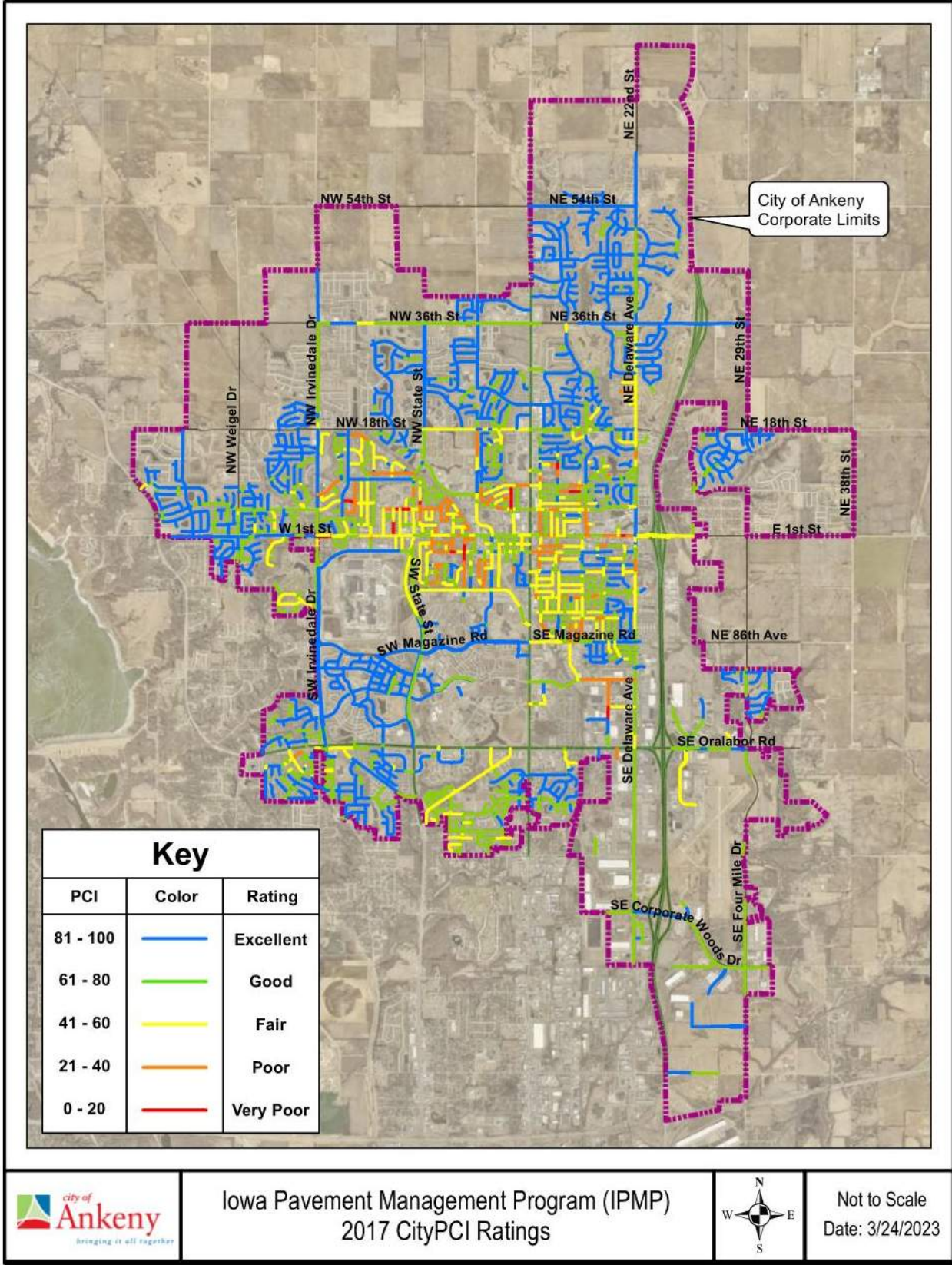
Name	Date	Author	Notes	Images
Qualification of Joint Sealant Effectiveness Regarding Jointed Concrete Pavement Performance http://sealnoseal.org/PDF/final_IGGA_SNS_Report_b.pdf	April 2015; Revised February 2016	Keivan Neshvadian Bakhsh, and Dan G. Zollinger	Developed joint performance model. Management of sustainable concrete pavement system requires greater emphasis on performance monitoring rather than performance repair. Results confirmed that if joint seals are properly installed, they can be very effective in preventing moisture infiltration and thus performance issues related to erosion damage. Texas A&M, Joliet, IL and Goodyear, AZ sites.	50% Debonding 
Interim Guide of Optimum Joint Performance of Concrete Pavements https://iowadot.gov/research/reports/Year/2012/fullreports/Join%20Performance%20Guide.pdf	June 2012	Peter Taylor, Robert Otto Rasmussen, Helga Torres, Gary Fick, Dale Harrington, Tom Cackler	The purpose of this guide is to help practitioners understand how to optimize concrete pavement joint performance through the identification, mitigation, and prevention of joint deterioration. It provides recommendations for minimizing the potential for joint deterioration, along with recommendations for mitigation practices to slow or stop the progress of joint deterioration.	
Investigation of Joint Deterioration in MnROAD Phase 1: Jointed Concrete Pavement Test Sections https://pubsearch.dot.state.mn.us/research/pdf/201018.pdf	April 2010	Ryan J. Rohne, Tom Burnham	2008 MnROAD study. Mid slab transverse joint deterioration phenomenon with JPCP on gravel. Well drained systems performed better.	
Practice of Unsealed Joints in New Portland Cement Concrete Pavements https://www.dot.nd.gov/divisions/materials/research_project/mr9701abstract.pdf	January 2009	North Dakota DOT; Francis G. Ziegler, P.E.; Ron Horner, P.E.	More spalling in unsealed joints than sealed joints. Based on test results, it is not recommended to construct unsealed longitudinal and transverse joints. The department has recently decided to install fewer drainable base sections which would increase the value of the sealed joints. Sealed joints will reduce the amount of water intrusion into the pavement and base section.	
The Long-Term Performance of Unsealed Jointed Concrete Pavements https://www.sealnoseal.org/PDF/LongTermUnseal/LONG%20TERM%20PERFORMANCE%20OF%20UNSEALED%20JOINTED%20CONCRETE%20PAVEMENTS.PDF	January 2002	Martin P. Burke, Jr., P.E.; John W. Bugler	Comprehensive survey including experiences from Wisconsin, California, and Western Europe.	
Petrographers Perspective of Joint Associated Distress https://www.sealnoseal.org/PDF/Moulzolf/PetroPerspJntDstrs.pdf	Undated	Gerard Moulzolf, PG	Placing a successful sealant requires clean joint planes. Proper detailing of the joint to receive sealant may require more than pressurized air methods. Joint maintenance should be an integral part of the life span of the pavement.	

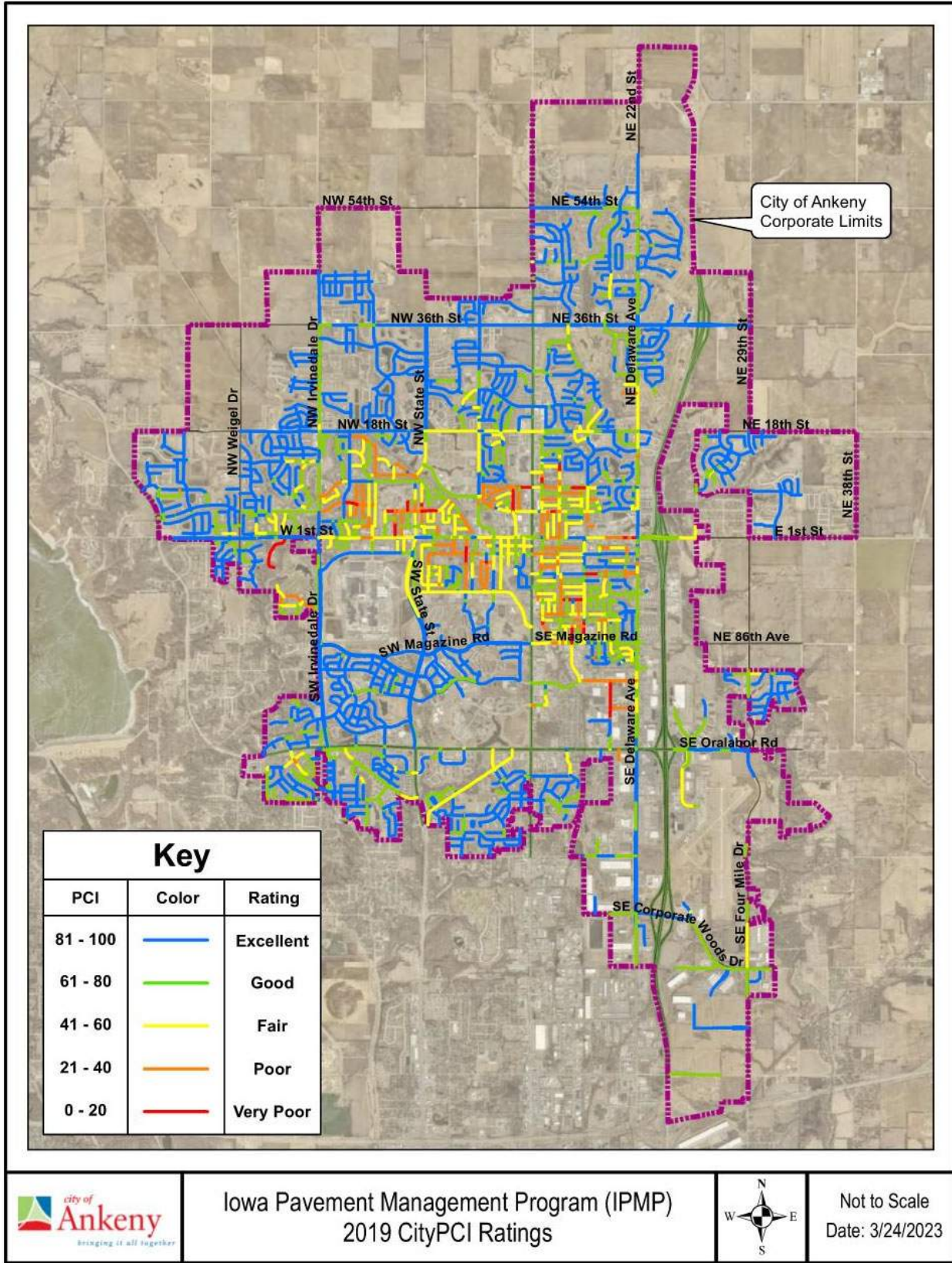
Historical CityPCI Maps

The following maps represent the CityPCI conditions for 2013, 2015, 2017, and 2019.









Areas of Accelerated Distress

NE 16th Street – Near the Knuckle with NE Cortina Drive

Google Streetview 2011:



June 2022 Photo:



NE 16th Street – Near the Intersection with NE Trilein Drive

Google Streetview 2011:



June 2022 Photo:



SE 17th Street – Between SE Fourmile Drive and SE Hillside Drive

Google Streetview 2011:



June 2022 Photo:



SW 29th Street – East of the Intersection with SW Glenbrooke Boulevard

Google Streetview 2016:



June 2022 Photo:



SW 3rd Street – West of the Intersection with SW Pleasant Street

Google Streetview 2011:



June 2022 Photo:



NW Winterberry Street – Between NW Skyline Drive and NW 5th Street

Google Streetview 2011:



June 2022 Photo:



NE Keystone Court – Near the Cul-de-sac Bulb

Google Streetview 2011:



June 2022 Photo:



NW Skyline Drive – Near the Intersection with NW Winterberry Street

Google Streetview 2011:



June 2022 Photo:



NW 2nd Place – Near the Intersection with NW Seasons Drive

Google Streetview 2011:



June 2022 Photo:



SW Twin Gates Drive – Near the East Side Intersection with SW Ankeny Road

Google Streetview 2011:



June 2022 Photo:



SW Glenbrooke Boulevard – Near the Intersection with SW Sunnybrooke Drive

Google Streetview 2011:



June 2022 Photo



SE Convenience Drive – North of Keen Project Solutions

Google Streetview 2017



August 2021 Photo:





ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Exercise Financial Discipline

ACTION REQUESTED:
Resolution

LEGAL:
No Review Required

SUBJECT:

Consider motion to approve the **RESOLUTION** authorizing the City of Ankeny to submit an application for Federal Surface Transportation Block Grant Set-Aside Program Funding to the Des Moines Area Metropolitan Planning Organization (MPO) for the partial funding of the Oralabor Gateway Trail Grade Separation of South Ankeny Boulevard and further approving the application which obligates the City of Ankeny to matching funds for the construction of said project.

EXECUTIVE SUMMARY:

This year's STBG Set-Aside grants will provide federal funding for trail improvement projects in federal fiscal year 2028. Staff recommends that the City of Ankeny apply to the MPO for a second round of partial funding for the Oralabor Gateway Trail – Grade Separation of South Ankeny Boulevard project. This project is currently included in the 2024 - 2028 Capital Improvements Program (project STR-21-005 South Ankeny Boulevard and SE Oralabor Road Safety Improvements) with design, right-of-way acquisition, and utility relocations scheduled 2025-2027 and construction during 2028 and 2029.

FISCAL IMPACT: **Yes**

If successful, the funding from this grant will reduce the amount of local funds necessary to complete the

construction of this project. The City's previous application for funds during FFY2026 was successfully awarded \$440,000. No applications were accepted for FFY2027.

CITY MANAGER'S RECOMMENDATIONS:

The City Manager recommends the City Council approve the Resolution in support of the grant application.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

Resolution 2022-008 approved on January 3, 2022.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution

RESOLUTION 2023-

A RESOLUTION AUTHORIZING THE CITY OF ANKENY TO SUBMIT AN APPLICATION FOR FEDERAL SURFACE TRANSPORTATION BLOCK GRANT SET-ASIDE PROGRAM FUNDING TO THE DES MOINES AREA METROPOLITAN PLANNING ORGANIZATION FOR THE PARTIAL FUNDING OF THE ORALABOR GATEWAY TRAIL – GRADE SEPARATION OF SOUTH ANKENY BOULEVARD PROJECT

WHEREAS, the City of Ankeny is a full member of the Des Moines Area Metropolitan Planning Organization; and

WHEREAS, the Federal Surface Transportation Block Grant Set-Aside Program provides funding to local jurisdictions for the construction of eligible projects; and

WHEREAS, the program is administered by the Des Moines Area Metropolitan Planning Organization which prioritizes and ranks all project applications; and

WHEREAS, the City of Ankeny is proposing to complete the Oralabor Gateway Trail – Grade Separation of South Ankeny Boulevard project with the project included in the 2024-2028 Capital Improvement Program (project STR-21-005 *South Ankeny Boulevard and SE Oralabor Road Safety Improvements*) with design, right-of-way acquisition, and utility relocation planned during 2025 – 2027 and construction planned for 2028 and 2029; and

WHEREAS, staff recognizes the need for outside funding assistance to complete this critical project and thus recommends that the City of Ankeny apply for partial funding through the Federal Surface Transportation Block Grant Set-Aside Program.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ankeny that:

1. The City Council supports and approves the application for Federal Surface Transportation Block Grant Set-Aside Program funding for FFY2028.
2. The City Council hereby commits the City of Ankeny to providing matching monies as required by the Federal Surface Transportation Block Grant Set-Aside Program funding.
3. The City Council hereby commits to accepting and maintaining these improvements for a minimum of twenty (20) years following the completion.
4. The Mayor is hereby authorized to execute the application on behalf of the City Council.

PASSED AND APPROVED this 18th day of December, 2023

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

Consider motion to adopt **RESOLUTION** authorizing the execution of an Urban-State Traffic Engineering Program (U-STEP) funding agreement between the Iowa Department of Transportation (DOT) and the City of Ankeny, Iowa, for the sharing of construction costs for the proposed SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

EXECUTIVE SUMMARY:

The project will add eastbound and westbound left-turn lanes at the SW Oralabor Road and SW Edgewood Lane/SW Stonehaven Lane intersection. As requested by the Iowa DOT, this intersection will be converted from a full access intersection to a three-quarter access intersection. Raised medians will be constructed on SW Edgewood Lane and SW Stonehaven Lane and also in the intersection to prevent traffic from turning left from SW Edgewood Lane and SW Stonehaven Lane onto SW Oralabor Road.

The SW Oralabor Road (Iowa Highway 415) and SW Edgewood Lane / SW Stonehaven Lane intersection is the only intersection along SW Oralabor Road that does not have dedicated left turn lanes for westbound and eastbound traffic. Traffic volumes will likely continue to increase on SW Oralabor Road,

and the speed limit in this section is 50 MPH. Therefore, adding left turn lanes at this intersection should improve traffic safety and mobility.

The Iowa DOT has submitted the attached U-STEP Agreement which stipulates the cost sharing and eligible costs for this construction, to a maximum of \$200,000 reimbursement.

FISCAL IMPACT: No

The project is included in the City's current Capital Improvements Program with construction scheduled for 2024. The Iowa DOT will reimburse the City for a portion of the construction costs, as per the Agreement up to a maximum amount of \$200,000.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the City Council take the following action:

1. Consider motion to authorize the execution of an Urban-State Traffic Engineering Program (U-STEP) funding between the Iowa DOT and the City of Ankeny for the sharing of construction costs for the SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

July 7, 2023: A letter was sent to residents that will be affected by the project.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 U-STEP Agreement

RESOLUTION 2023-XXX

**A RESOLUTION AUTHORIZING THE EXECUTION OF AN
AGREEMENT FOR URBAN-STATE TRAFFIC ENGINEERING PROGRAM (U-STEP)
FUNDING BETWEEN THE IOWA DEPARTMENT OF TRANSPORTATION
AND THE CITY OF ANKENY, IOWA
FOR THE SHARING OF CONSTRUCTION COSTS FOR THE PROPOSED
SW ORALABOR ROAD AND SW EDGEWOOD LANE INTERSECTION
IMPROVEMENTS**

WHEREAS, in November 2023, the Iowa Department of Transportation (Iowa DOT) awarded the City of Ankeny Urban-State Traffic Engineering Program (U-STEP) funding for eligible construction costs up to a maximum amount of \$200,000 to facilitate the construction of the SW Oralabor Road and SW Edgewood Lane Intersection Improvements project; and

WHEREAS, the City deems it to be in the best interest of the residents of the City to enter into an agreement for Urban-State Traffic Engineering Program funding with the Iowa Department of Transportation for the sharing of construction costs for said SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

NOW THEREFORE, BE IT RESOLVED, by the City Council of the City of Ankeny, Iowa, that the Mayor and City Clerk should be and they are hereby authorized and empowered to execute the said agreement with the Iowa DOT for Urban-State Traffic Engineering Program funding.

DATED at the City of Ankeny, Iowa, this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

December 2022

**IOWA DEPARTMENT OF TRANSPORTATION
AGREEMENT FOR
URBAN-STATE TRAFFIC ENGINEERING PROGRAM
(U-STEP) PROJECT**

City: Ankeny

Project No.: UST-415-1(083)--4A-77

Iowa Department of Transportation
Agreement No.: 1-23-USTEP-012

Staff Action No.: 23-0459

This is an agreement between the City of Ankeny, (hereinafter called Recipient) and the Iowa Department of Transportation (hereinafter called Department) to enter into an agreement for joint or cooperative action after appropriate action by ordinance, resolution, or otherwise pursuant to the laws of the governing bodies involved.

The Recipient and the Department previously entered into the following agreement(s) for the following funding sources related to the above referenced project:

Funding Source	Agreement No.	Project No.
Primary Highway	(Agreement Number)	NHSN-415-1(085)--2R-77

The Department provides funds through the Urban-State Traffic Engineering Program (U-STEP), a cooperative program for safety or operational improvements on primary road extensions. The Department has made these funds available for reimbursement and will share eligible construction and right-of-way costs in the ratio of 55% Department funds to 45% local funds, up to a maximum amount in Department funds of \$200,000 for a "spot improvement" or \$400,000 for a "linear improvement". The maximum funds available for this project is as noted below.

A "spot improvement" shall mean a limited improvement project such as intersection reconstruction or signalization; and a "linear improvement" shall mean an improvement project such as street or highway widening or reconstruction which spans two or more intersections.

The Recipient proposes to develop and complete the following described spot improvement project:

Intersection Improvement of SW Stonehaven Ln/SW Edgewood Ln Intersection with SW Oralabor Road (Iowa 415) in Ankeny

Pursuant to the terms of this agreement, applicable statutes, and Administrative Rules, the Department agrees to provide U-STEP funding to the Recipient for the authorized and approved costs for eligible items associated with project improvements as described above.

In consideration of the foregoing and the mutual promises contained in this agreement, the parties agree as follows:

1. The Recipient shall be the lead local governmental agency for carrying out the provisions of this agreement and shall be responsible for the development and completion of the U-STEP project.
2. All notices required under this agreement shall be made in writing to the Department and the Recipient's contact person. The Department's contact persons shall be the Local Systems Project Development Engineer, Christy VanBuskirk, and Central Region Local Systems Field Engineer, Brian J. Catus. The Recipient's contact person shall be the Jim Haberichter.

3. The estimated total of eligible construction and right-of-way cost for this project is \$ 269,577 (see exhibit C).
 - a. The maximum Department funding shall be 55% of \$323,492.40.
 - b. If, upon completion of final plans, the Recipient's cost estimate exceeds the preliminary total estimate contained herein by 20% or more, the increased cost must be approved by the Department prior to advertisement for bids. Extra work, requested subsequent to the contract letting, must also be approved by the Department prior to commencement of the extra work. Any amount exceeding the maximum in paragraph 3(a) shall be requested in writing by the Recipient and approved through a staff action process at the discretion of the Department.
4. If any part of this agreement is found to be void and unenforceable, then the remaining provisions of this agreement shall remain in effect.
5. This agreement is not assignable without the prior written consent of the Department.
6. This agreement, and the attached Exhibits A, B and C, constitutes the entire agreement between the Department and the Recipient. No representations, promises, or warranties have been made by either party that is not fully expressed in this agreement. Any change or alteration to the terms of this agreement must be made in the form of an addendum to this agreement which shall be effective only upon written approval of the Department and the Recipient.

IN WITNESS WHEREOF, each of the parties hereto has executed this Agreement as of the date shown opposite its signature below:

City: Ankeny

By: _____ Date _____, _____

Title _____

I, _____, certify that I am the Clerk of the city of

Ankeny, and that _____, who signed said

Agreement for and on behalf of the Recipient was duly authorized to execute the same by

virtue of a formal resolution duly passed and adopted by the Recipient, on the _____ day

of _____, _____.

Signed: _____ Date _____, _____
City Clerk of Ankeny, Iowa

IOWA DEPARTMENT OF TRANSPORTATION
Highway Administration

By: _____ Date _____, _____

Allison Smyth, P.E.
District Engineer
District 1

EXHIBIT A

Standard Provisions for U-STEP or C-STEP Project Agreements

1. In accordance with Iowa Code Chapter 216, the Recipient shall not discriminate against any person on the basis of race, color, creed, age, sex, sexual orientation, gender identity, national origin, religion, pregnancy, or disability.
2. The project plans, specifications, and engineer's cost estimate for the project shall be prepared and certified by a registered Professional Engineer licensed in the State of Iowa. The Recipient shall submit the plans, specifications, and other contract documents to the Department for review and approval. If the project will be let by the Department, the most recent edition of the Iowa DOT Standard Specifications for Highway and Bridge Construction shall be used. The Recipient shall also follow the Department's letting procedures. If the project will be let by the Recipient, the project may utilize the Iowa DOT Standard Specifications for Highway and Bridge Construction, the Statewide Urban Design and Specifications, or specifications developed by the Recipient.
3. The Recipient shall use positive efforts to solicit bids from and to utilize Targeted Small Business (TSB) enterprises as contractors and ensure that the contractors make positive efforts to utilize these enterprises as subcontractors, suppliers, or participants in the work covered by this agreement. Efforts shall be made and documented in accordance with Exhibit B.
4. The Recipient shall obtain agreements, as needed, from railroad and utility companies and shall obtain project permits and approvals, when necessary, from the Iowa Department of Cultural Affairs (State Historical Society of Iowa; State Historic Preservation Officer), Iowa Department of Natural Resources, U.S. Coast Guard, U.S. Army Corps of Engineers, etc.
5. If right-of-way must be acquired for the project, the Recipient shall negotiate and secure the necessary right-of-way using the most appropriate of the following methods:
 - A. When right-of-way is to be acquired, before acquisition procedures are begun, the Recipient shall meet staff from the Department's Office of Right of Way (ROW) to assure compliance with the U.S. Code, the Iowa Code, and 761 Iowa Administrative Code (IAC) Chapter 111; and determine what parcels, if any, are to be acquired in the name of the Department and what parcels, if any, in the name of the Recipient.
 - B. Should eminent domain proceedings be required, the Recipient will condemn or appeal in the name of the Recipient or the Department, whichever applies. The project letting may not be held until the Recipient has certified that the right-of-way has been acquired. Upon completion of the acquisition for each parcel, all original documents for the acquisition shall be delivered to and become the property of the Department.
 - C. The Recipient will meet with the Department's Office of Right of Way staff to determine who shall be responsible for demolition and/or property management functions.
 - D. In accordance with 761 IAC Section 150.3(1)(b), the Recipient will be responsible for providing, without cost to the Department or the project, all right-of-way which involves dedicated streets or alleys, and other Recipient -owned lands, easements, and rights in land except park lands, subject to the condition that the Department will reimburse the Recipient for the value of improvements situated on said Recipient -owned lands if any. The Recipient has apprised itself of the value of these lands and, as a portion of its participation in the project, voluntarily agrees to make such lands available without further compensation.
6. The Recipient as well as its contractors, if any, agree to maintain all books, documents, papers, accounting records, and other evidence pertaining to all costs incurred under this Agreement and to make such materials available at their respective offices at reasonable times during the Agreement period and for 3 years from the date of the final payment under the Agreement, for inspection by the Department.

7. The Recipient shall be responsible for obtaining all applicable permits from the Department, such as the Right to Occupy and/or Perform Work Within the Department's Right-of-Way, Permit of Access, Utility Accommodation, Right to Install and Maintain Traffic Control Devices, and/or other construction permits required for the project prior to advertisement for bids.
8. For projects let by the Department, the Recipient shall submit to the District an acceptable Project Development Certificate (Form 730002), plans, specifications, and cost estimate by the dates specified in the most current edition of Instructional Memorandum (I.M.) 3.010, Project Development Submittal Dates and Information. The Recipient shall also follow the Department's letting procedures. For projects let by the Recipient, the Project Development Certificate, plans, specifications, and cost estimate shall be submitted to the District at least 4 weeks prior to advertisement for bids.
9. Upon Department acceptance of the Project Development Certificate, final plans, proposal forms, specifications, and cost estimate, the Department will give the Recipient a written notice to proceed with the project. If the project will be let by the Recipient, advertisement for bids shall not be made until a written notice to proceed is received from the Department. After receiving the Department's approval, the Recipient shall advertise for bidders, hold a public letting, and provide adequate supervision for the construction work performed under the contract. The Recipient shall submit 2 copies of the bid tabulations and the letting documents to the Department for concurrence prior to formal action in the award of the contract.
10. If the Recipient lets the project, as described herein, the Recipient shall include in their Notice to Bidders that Sales Tax Exemption Certificates will be issued, as provided for by Iowa Code section 423.3, subsection 80. The Recipient shall be responsible for obtaining the sales tax exemption certificates through the Iowa Department of Revenue and Finance. The Recipient shall issue these certificates to the successful bidder and any subcontractors to enable them to purchase qualifying materials for the project free of sales tax.
11. The project must be let to contract within 2 years of the date this agreement is approved by the Department. If not, the Recipient may be in default, for which the Department may revoke funding commitments. This agreement may be extended for a period of 6 months upon receipt of a written request from the Recipient at least 30 days prior to the 2 year deadline.
12. The Recipient will be responsible for the initial costs of the construction. The Recipient shall prepare and submit to the Department a detailed billing statement of materials, installation, and construction costs incurred by the Recipient. Billing statements may be submitted periodically during progress of the work. Design, inspection, and administration costs will be the responsibility of the Recipient. If said statement and documentation are in proper form, the Department will promptly reimburse the Recipient for eligible project costs, less a withholding equal to 5% of the State share of construction costs, taking into account the limitations as stated in the agreement. If, upon final audit or review, the Department determines the Recipient has been overpaid, the Recipient shall reimburse the overpaid amount to the Department. After the final audit or review is complete and after the Recipient has provided all required paperwork, the Department will release the State funds withheld.
13. Signs and other traffic control devices necessary for construction of the project shall be in accordance with the Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD) per 761 IAC Chapter 130. The safety of the general public shall be assured through the use of proper protective measures and devices such as fences, barricades, signs, flood lighting, and warning lights as necessary.
14. If a detour is necessary, the Recipient will designate and sign the route at no cost to the project. The Department will cooperate if primary highways are involved.
15. Parking shall be prohibited on the minor street approaches for a distance of 35 feet in advance of the stop signs and/or crosswalks and on the exit sides of the minor streets for a distance of 35 feet beyond the stop signs and/or crosswalks. These parking restrictions shall go into effect at such time as the project is completed and opened to through traffic.

16. Upon completion of the project, the Recipient's engineer will certify that the project was completed in substantial compliance with the plans and specifications set out in this agreement before receiving final reimbursement of Department funds.
17. The Recipient shall provide to the Department 3 copies of the "as-built" project plans, within 6 months after the project is built.
18. The Recipient shall have ownership of traffic signals constructed with this project and shall operate them at its expense so long as signal protection is considered by either party as necessary at said location. If considered by both parties as no longer necessary at said location, the signals are to be removed by the Recipient at the Recipient's expense, and may be installed at another location acceptable to both parties and shall be owned and operated at the expense of the Recipient.
19. The Recipient shall submit a final detailed billing statement to the Department no later than 1 year after the date the Department concurs in the acceptance of the completed construction. If a final detailed billing statement is not submitted to the Department by the Recipient in the 1 year period, the Department will close the project's financial records without making additional reimbursement to the Recipient unless a time extension is requested. The time extension should be requested in writing by the Recipient and approved by the Department, at least 30 days prior to the 1 year deadline.
20. The Recipient agrees to indemnify, defend, and to hold the Department harmless from any action or liability arising out of the design, construction, maintenance, placement of traffic control devices, inspection, or use of this project. This agreement to indemnify, defend, and hold harmless applies to all aspects of the Department's application review and approval process, plan and construction reviews, and funding participation.
21. In case of dispute concerning the terms of this agreement, the parties shall submit the matter to arbitration pursuant to Iowa Code Chapter 679A. Either party has the right to submit the matter to arbitration after 10 days notice to the other party of their intent to seek arbitration. The written notice must include a precise statement of the dispute. The Department and the Recipient agree to be bound by the decision of the appointed arbitrator. Neither party may seek any remedy with the State or Federal courts absent exhaustion of the provisions of this paragraph for arbitration.

EXHIBIT B

UTILIZATION OF TARGETED SMALL BUSINESS (TSB) ENTERPRISES ON NON-FEDERAL AID PROJECTS (THIRD-PARTY STATE-ASSISTED PROJECTS)

In accordance with Iowa Code Section 19B.7, it is the policy of the Iowa Department of Transportation (Iowa DOT) that Targeted Small Business (TSB) enterprises shall have the maximum practicable opportunity to participate in the performance of contracts financed in whole or part with State funds.

Under this policy the Recipient shall be responsible to make a positive effort to solicit bids or proposals from TSB firms and to utilize TSB firms as contractors or consultants. The Recipient shall also ensure that the contractors or consultants make positive efforts to utilize TSB firms as subcontractors, subconsultants, suppliers, or participants in the work covered by this agreement.

The Recipient's "positive efforts" shall include, but not be limited to:

1. Obtaining the names of qualified TSB firms from the Iowa Economic Development Authority (515-348-6159) or from its website at: <https://www.iowaeda.com/small-business/targeted-small-business/>
2. Notifying qualified TSB firms of proposed projects involving State funding. Notification should be made in sufficient time to allow the TSB firms to participate effectively in the bidding or request for proposal (RFP) process.
3. Soliciting bids or proposals from qualified TSB firms on each project, and identifying for TSB firms the availability of subcontract work.
4. Considering establishment of a percentage goal for TSB participation in each contract that is a part of this project and for which State funds will be used. Contract goals may vary depending on the type of project, the subcontracting opportunities available, the type of service or supplies needed for the project, and the availability of qualified TSB firms in the area.
5. For construction contracts:
 - a) Including in the bid proposals a contract provision titled "TSB Affirmative Action Responsibilities on Non-Federal Aid Projects (Third-Party State-Assisted Projects)" or a similar document developed by the Recipient. This contract provision is available from the Administering Bureau.
 - b) Ensuring that the awarded contractor has and shall follow the contract provisions.
6. For consultant contracts:
 - a) Identifying the TSB goal in the Request for Proposal (RFP), if one has been set.
 - b) Ensuring that the selected consultant made a positive effort to meet the established TSB goal, if any. This should include obtaining documentation from the consultant that includes a list of TSB firms contacted; a list of TSB firms that responded with a subcontract proposal; and, if the consultant does not propose to use a TSB firm that submitted a subcontract proposal, an explanation why such a TSB firm will not be used.

The Recipient shall provide the Iowa DOT the following documentation:

1. Copies of correspondence and replies, and written notes of personal and/or telephone contacts with any TSB firms. Such documentation can be used to demonstrate the Recipient's positive efforts and it should be placed in the general project file.
2. Bidding proposals or RFPs noting established TSB goals, if any.
3. Form 260017 "Checklist and Certification for the Utilization of TSBs" shall be filled out upon completion of each project, and sent to Iowa Department of Transportation, Civil Rights Bureau, 800 Lincoln Way, Ames, IA 50010: <https://iowadot.seamlessdocs.com/f/ChecklistandCertforUtilizationofTSBonNonFederalProjects>.

EXHIBIT C

Engineer's Opinion of Probable Construction Costs - 4/20/2023 IA Hwy. 415/SW Oralabor Road and SW Edgewood Lane/SW Stonehaven Lane Intersection Improvements Addition of eastbound and westbound left turn lanes on IA Hwy. 415/SW Oralabor Road at the SW Edgewood Lane and the SW Stonehaven Lane intersections						
Item No.	SUDAS No.	Item	Unit	Total	Unit Price	Total Price
		EARTHWORK				
2.01	2010-E	Excavation, Class 10	CY	160	\$ 20.00	\$ 3,200.00
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	940	\$ 4.50	\$ 4,230.00
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	240	\$ 6.00	\$ 1,440.00
2.04	2010-J	Subbase, Modified, Recycled PCC, 6" Depth	SY	940	\$ 70.00	\$ 65,800.00
2.05	2010-M	Compaction Testing	LS	1	\$ 2,500.00	\$ 2,500.00
		STREETS AND RELATED WORK				
7.01	7010-A	Pavement, PCC, Class C-SUD, 10.5" Thick	SY	770	\$ 120.00	\$ 92,400.00
7.02	7010-999-A	Plastic Concrete Testing	LS	1	\$ 2,500.00	\$ 2,500.00
7.03	7010-G	Concrete Median, Doweled, 6" Thick	SY	160	\$ 120.00	\$ 19,200.00
7.04	7010-G	Concrete Median, 6" Thick	SY	170	\$ 80.00	\$ 13,600.00
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	90	\$ 15.00	\$ 1,350.00
7.06	7040-H	Pavement Removal	SY	365	\$ 20.00	\$ 7,300.00
		TRAFFIC CONTROL				
8.01	8020-C	Painted Pavement Markings, Durable	STA	7.5	\$ 200.00	\$ 1,500.00
8.02	8020-G	Painted Symbols and Legends, Durable	EA	2	\$ 200.00	\$ 400.00
8.03	8020-K	Pavement Markings Removed	STA	3.5	\$ 200.00	\$ 700.00
8.04	8020-M	Grooves Cut for Pavement Markings	STA	7.5	\$ 200.00	\$ 1,500.00
8.05	8020-N	Grooves Cut for Symbols and Legends	EA	2	\$ 175.00	\$ 350.00
8.06	8030-A	Temporary Traffic Control	LS	1	\$ 10,000.00	\$ 10,000.00
8.07	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	20	\$ 125.00	\$ 2,500.00
8.08	8040-A	Traffic Signs, Right Turn Only (R3-5R), 30" x 36"	EA	2	\$ 100.00	\$ 200.00
8.09	8040-A	Traffic Signs, Type 1 Object Marker (OM1-2), 18" x 18"	EA	6	\$ 100.00	\$ 600.00
8.10	8040-C	Wood Posts	EA	2	\$ 100.00	\$ 200.00
8.11	8040-F	Round Steel Posts	EA	6	\$ 150.00	\$ 900.00
8.12	8040-H	Round Steel Post Anchors	EA	6	\$ 175.00	\$ 1,050.00
8.13	8040-999-A	Remove Traffic Sign	EA	3	\$ 250.00	\$ 750.00
		SITE WORK AND LANDSCAPING				
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.05	\$ 5,000.00	\$ 250.00
9.02	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	0.05	\$ 5,000.00	\$ 250.00
9.03	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM with Temporary Seeding	AC	0.05	\$ 5,000.00	\$ 250.00
		MISCELLANEOUS				
11.01	11,020-A	Mobilization	LS	1	\$ 10,000.00	\$ 10,000.00
11.02	11,050-A	Concrete Washout	LS	1	\$ 150.00	\$ 150.00

Subtotal = \$ 245,070.00

Construction Contingency, 10% = \$ 24,507.00

Total Estimated Cost = \$ 269,577.00



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

Consider motion to adopt **RESOLUTION** authorizing the execution of a Cooperative Agreement for Primary Road Project funding between the Iowa Department of Transportation (DOT) and the City of Ankeny, Iowa, for the sharing of construction costs for the proposed SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

EXECUTIVE SUMMARY:

The project will add eastbound and westbound left-turn lanes at the SW Oralabor Road and SW Edgewood Lane/SW Stonehaven Lane intersection. As requested by the Iowa DOT, this intersection will be converted from a full access intersection to a three-quarter access intersection. Raised medians will be constructed on SW Edgewood Lane and SW Stonehaven Lane and also in the intersection to prevent traffic from turning left from SW Edgewood Lane and SW Stonehaven Lane onto SW Oralabor Road.

The SW Oralabor Road (Iowa Highway 415) and SW Edgewood Lane / SW Stonehaven Lane intersection is the only intersection along SW Oralabor Road that does not have dedicated left turn lanes for westbound and eastbound traffic. Traffic volumes will likely continue to increase on SW Oralabor Road,

and the speed limit in this section is 50 MPH. Therefore, adding left turn lanes at this intersection should improve traffic safety and mobility.

The Iowa DOT has submitted the attached Cooperative Agreement for Primary Road Project funding which stipulates the cost sharing and eligible costs for this construction, to a maximum of \$50,000 reimbursement.

FISCAL IMPACT: **No**

The project is included in the City's current Capital Improvements Program with construction scheduled for 2023. The Iowa DOT will reimburse the City for a portion of the construction costs, as per the Agreement up to a maximum amount of \$50,000.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the City Council take the following action:

1. Consider motion to authorize the execution of a Cooperative Agreement for Primary Road Project funding between the Iowa DOT and the City of Ankeny for the sharing of construction costs for the SW Oralabor Road and SW Edgewood Lane Intersection Improvements.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Cooperative Agreement

RESOLUTION 2023-XXX

A RESOLUTION AUTHORIZING THE EXECUTION OF A COOPERATIVE AGREEMENT FOR PRIMARY ROAD PROJECT FUNDING BETWEEN THE IOWA DEPARTMENT OF TRANSPORTATION AND THE CITY OF ANKENY, IOWA FOR THE SHARING OF CONSTRUCTION COSTS FOR THE PROPOSED SW ORALABOR ROAD AND SW EDGEWOOD LANE INTERSECTION IMPROVEMENTS

WHEREAS, in November 2023, the Iowa Department of Transportation (Iowa DOT) awarded the City of Ankeny a Cooperative Agreement for Primary Road Project funding for eligible construction costs up to a maximum amount of \$50,000 to facilitate the construction of the SW Oralabor Road and SW Edgewood Lane Intersection Improvements project; and

WHEREAS, the City deems it to be in the best interest of the residents of the City to enter into a Cooperative Agreement for Primary Road Project funding with the Iowa Department of Transportation for the sharing of construction costs for said SW Oralabor Road and SW Edgewood Lane Intersection Improvements project.

NOW THEREFORE, BE IT RESOLVED, by the City Council of the City of Ankeny, Iowa, that the Mayor and City Clerk should be and they are hereby authorized and empowered to execute the said agreement with the Iowa DOT for Urban-State Traffic Engineering Program funding.

DATED at the City of Ankeny, Iowa, this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

**IOWA DEPARTMENT OF TRANSPORTATION
Cooperative Agreement
For Primary Road Project**

County	Polk
City	Ankeny
Project No.	NHSN-415-1(085)--2R-77
Iowa DOT	
Agreement No.	2024-16-044
Staff Action No.	

This Agreement is entered into by and between the Iowa Department of Transportation, hereinafter designated the "DOT," and the city of Ankeny, Iowa, a Local Public Agency, hereinafter designated the "LPA" in accordance with Iowa Code Chapters 28E, 306, 306A and 313.4, as applicable;

The LPA proposes to establish or make improvements to Iowa 415 within Polk County, Iowa; and

The LPA and the DOT are willing to jointly participate in said project, in the manner hereinafter provided; and

The LPA and the DOT previously entered into the following Agreement for the above referenced project: Agreement No. 1-23-USTEP-012 for construction of an improvement at the intersection of SW Stonehaven Lane/SW Edgewood Lane and SW Oralabor Road (Iowa 415); and

Funding Source	Agreement No.	Project No.
Urban-State Traffic Engineering Program (U-STEP)	1-23-USTEP-012	UST-415-1(083)--4A-77

This Agreement reflects the current concept of this project which is subject to modification only by mutual Agreement between the LPA and the DOT; and

Therefore, it is agreed as follows:

1. Project Information

- a. The LPA shall be the lead local governmental agency for carrying out the provisions of this Agreement.
- b. All notices required under this Agreement shall be made in writing to the DOT's and/or the LPA's contact person. The DOT's contact person shall be the South Area Engineer, Benjamin Adey. The LPA's contact person shall be the Civil Engineer II, Jim Haberichter.
- c. The LPA shall be responsible for the development and completion of the following described primary highway project:

Construction of left turn lanes and a raised median at the SW Oralabor Road (Iowa 415) and SW Edgewood Lane intersection. The raised median will convert the intersection from a full access location to a three-quarters access location. See Exhibit A for project location and Exhibit B for estimated project costs.

2. Project Costs

- a. The DOT shall reimburse the LPA for its share of the project costs estimated at \$47,295, as shown for Division 2 in Exhibit B. The actual amount paid by the DOT upon completion of construction and

billing by the LPA shall be determined by the quantities in place, the accepted bid at the contract letting, and extra work related to Division 2, up to a maximum contribution of \$50,000. This funding is in addition to the USTEP funding noted in Agreement No. 1-23-USTEP-012.

- b. The LPA shall bear all costs except those specifically allocated to the DOT under the terms of this Agreement.

3. Environmental, Right of Way, Permits and Other Requirements

- a. The LPA shall be responsible for obtaining any necessary permits from the DOT, such as the Work Within the Right of Way Permit, Access Connection/Entrance Permit, Utility Accommodation Permit, Application for Approval of a Traffic Control Device, or other construction permits required for the project prior to the start of construction. Neither the approval of funding nor the signing of this Agreement shall be construed as approval of any required permit from the DOT.
- b. The LPA shall obtain all project permits and/or approvals, when necessary, from the Iowa Department of Cultural Affairs (State Historical Society of Iowa; State Historic Preservation Officer), Iowa Department of Natural Resources, U.S. Coast Guard, U.S. Army Corps of Engineers, and/or other State or Federal agencies as may be required.
- c. If the project requires utility relocations, subject to the approval of and without expense to the DOT, the LPA agrees to perform or cause to be performed all relocations, alterations, adjustments or removals of existing utility facilities, including but not limited to power, telephone lines, fiber optics lines, natural gas pipelines, water mains and hydrants, curb boxes, utility accesses, storm water intakes, sanitary sewers, and related poles, installations and appurtenances, whether privately or publicly owned, and all parking meters, traffic signals and other facilities or obstructions which are located within the limits of an established street or alley and which shall interfere with construction of the project and the clear zone. All utility relocations shall be accomplished in accordance with the DOT's Utility Accommodation Policy, as set forth in 761 Iowa Administrative Code, Chapter 115.
- d. If the LPA has completed a Flood Insurance Study (FIS) for an area which is affected by the proposed Primary Highway project and the FIS is modified, amended or revised in an area affected by the project after the date of this Agreement, the LPA shall promptly provide notice of the modification, amendment or revision to the DOT. If the LPA does not have a detailed Flood Insurance Study (FIS) for an area which is affected by the proposed Primary Highway project and the LPA does adopt an FIS in an area affected by the project after the date of this Agreement, the LPA shall promptly provide notice of the FIS to the DOT.

4. Project Design

- a. The LPA or its consultant shall be responsible for the design of all proposed improvements.
- b. The project plans, specifications and engineer's cost estimate shall be prepared and certified by a Professional Engineer licensed to practice in the State of Iowa.
- c. All proposed highway or street improvements shall be designed using the American Association of State Highway and Transportation Officials (AASHTO) "Policy on Geometric Design of Highways and Streets", (latest edition), or other equivalent generally recognized engineering or safety standard, criteria, or design theory.
- d. The project design shall comply with the "Manual on Uniform Traffic Control Devices for Streets and Highways", by the Federal Highway Administration, as adopted by DOT, as per 761 Iowa Administrative Code, Chapter 130.

5. Bid Letting

- a. The plans, specifications and other contract documents for each division must be submitted at least fourteen weeks prior to the project letting of each division.
- b. For portions of the project let to bid, the LPA shall conduct the project bid letting in compliance with applicable laws, ordinances, and administrative rules. The LPA shall advertise for bidders, make a good faith effort to get at least three (3) bidders, hold a public letting and award contracts for the project work. DOT concurrence in the award must be obtained prior to the award. The LPA shall provide the DOT file copies of project letting documents within five (5) days after letting.
- c. The LPA shall include in their Notice to Bidders that Sales Tax Exemption Certificates will be issued, as provided for by Iowa Code section 423.3, subsection 80. The LPA shall be responsible for obtaining the sales tax exemption certificates through the Iowa Department of Revenue and Finance. The LPA shall issue these certificates to the successful bidder and any subcontractors to enable them to purchase qualifying materials for the project free of sales tax.
- d. The LPA shall be the contracting authority.

6. Construction & Maintenance

- a. The LPA shall be responsible for the daily inspection of the project, including the compilation of a daily log of materials, equipment, and labor used on the project.
- b. The LPA shall comply with the procedures and responsibilities for materials testing and construction inspection according to DOT's Materials Instructional Memorandums (I.M.'s) and the Construction Manual. If requested, the DOT may, at its discretion, be able to perform some testing services. If performed, the DOT shall bill the LPA for testing services according to its normal policy.
- c. The work on this project shall be in accordance with the approved plans and specifications. Any substantial modification of these plans and specifications must be approved by the DOT prior to the modification being put into effect.
- d. With the exception of service connections, no new or future utility occupancy of project right of way, nor any future relocations of or alterations to existing utilities within said right of way (except service connections), shall be permitted or undertaken by the LPA without the prior written approval of the DOT. All work shall be performed in accordance with the Utility Accommodation Policy and other applicable requirements of the DOT.
- e. Upon completion of the project, no changes in the physical features thereof shall be undertaken or permitted without the prior written approval of the DOT.
- f. After the project construction is complete and prior to final acceptance of the project by the DOT, the LPA shall furnish three sets of "as-built" plans to the DOT's contact person.
- g. Future maintenance of the primary highway within the project area shall be carried out in accordance with the terms and conditions contained in 761 Iowa Administrative Code Chapter 150.

7. Traffic Control

- a. Iowa 415 through-traffic shall be maintained during the construction.
- b. Traffic control devices, signing, or pavement markings installed within the limits of this project shall conform to the "Manual on Uniform Traffic Control Devices for Streets and Highways" as per 761 Iowa Administrative Code, Chapter 130. The safety of the general public shall be assured through the use of proper protective measures and devices including but not limited to fences, barricades, signs,

flood lighting, and warning lights as necessary.

8. Payments and Reimbursements

- a. The LPA shall be responsible for making initial payments to the consultant(s) and contractor(s) for all project costs incurred in the development and construction of the project. After payments have been made, the LPA may submit to the DOT periodic itemized claims for reimbursement for eligible project activities. Reimbursement claims shall include certification by a Professional Engineer licensed to practice in the State of Iowa that all eligible project activities for which reimbursement is requested have been paid in full and completed in substantial compliance with the terms of this Agreement.
- b. The DOT shall reimburse the LPA for properly documented and certified claims for eligible project activity costs. The DOT may withhold up to 5% of the Federal and/or state share of construction costs, either by state warrant or by crediting other accounts from which payment may have been initially made. If upon final audit the DOT determines the LPA has been overpaid, the LPA shall reimburse the overpaid amount to the DOT. After the final audit or review is complete and after the LPA has provided all required paperwork, the DOT shall release the Federal or state funds withheld.
- c. Upon completion of the project, a Professional Engineer licensed to practice in the State of Iowa shall certify in writing to the DOT that the project activities were completed in substantial compliance with the plans and specifications set out in this Agreement. Final reimbursement of state and/or Federal funds shall be made only after the DOT accepts the project as complete.

9. General Provisions

- a. The LPA shall maintain records, documents, and other evidence in support of the work performed under the terms of this Agreement. All accounting practices applied and all records maintained shall be in accordance with generally accepted accounting principles and procedures. Documentation shall be made available for inspection and audit by authorized representatives of the DOT, or their designees, at all reasonable times. The LPA shall provide copies of said records and documents to the DOT upon request. The LPA shall also require its contractors to permit authorized representatives of the DOT to inspect all work materials, records, and any other data with regard to Agreement related costs, revenues and operating sources. Such documents shall be retained for at least 3 years from the date of project closure. Upon receipt of such approval, the DOT shall notify the LPA of the record retention date.
- b. In accordance with Title VI of the Civil Rights Acts of 1964 and Iowa Code Chapter 216 and associated subsequent nondiscrimination laws, regulations and executive orders, the LPA shall not discriminate against any person on the basis of race, color, creed, age, sex, sexual orientation, gender identity, national origin, religion, pregnancy, or disability.
- c. The LPA shall use positive efforts to solicit proposals or bids from and to utilize Targeted Small Business (TSB) enterprises as consultants or contractors and ensure that the consultants or contractors make positive efforts to utilize these enterprises as subconsultants, subcontractors, suppliers or participants in the work covered by this Agreement. Efforts shall be made and documented in accordance with Exhibit C which is attached hereto and by this reference incorporated into this Agreement.
- d. The LPA agrees to indemnify, defend and hold harmless the DOT from any action or liability arising out of all design, construction, maintenance, placement of traffic control devices, inspection, operation, and use of the improvements resulting from this project. This agreement to indemnify, defend and hold harmless applies to all aspects of the DOT's application review and approval process, plan and construction reviews, and funding participation.
- e. If any part of this Agreement is found to be void and unenforceable then the remaining provisions of this Agreement shall remain in effect.

- f. This Agreement is not assignable without the prior written consent of the DOT.
- g. It is the intent of both (all) parties that no third party beneficiaries be created by this Agreement.
- h. This Agreement, as well as the unaffected provisions of any previous agreement(s), addendum(s), and/or amendment(s); represents the entire Agreement between the LPA and DOT regarding this project. All previously executed agreements shall remain in effect except as amended herein. Any subsequent change or modification to the terms of this Agreement shall be in the form of a duly executed amendment to this document.

IN WITNESS WHEREOF, each of the parties hereto has executed Agreement No. 2024-16-044 as of the date shown opposite its signature below.

CITY OF ANKENY:

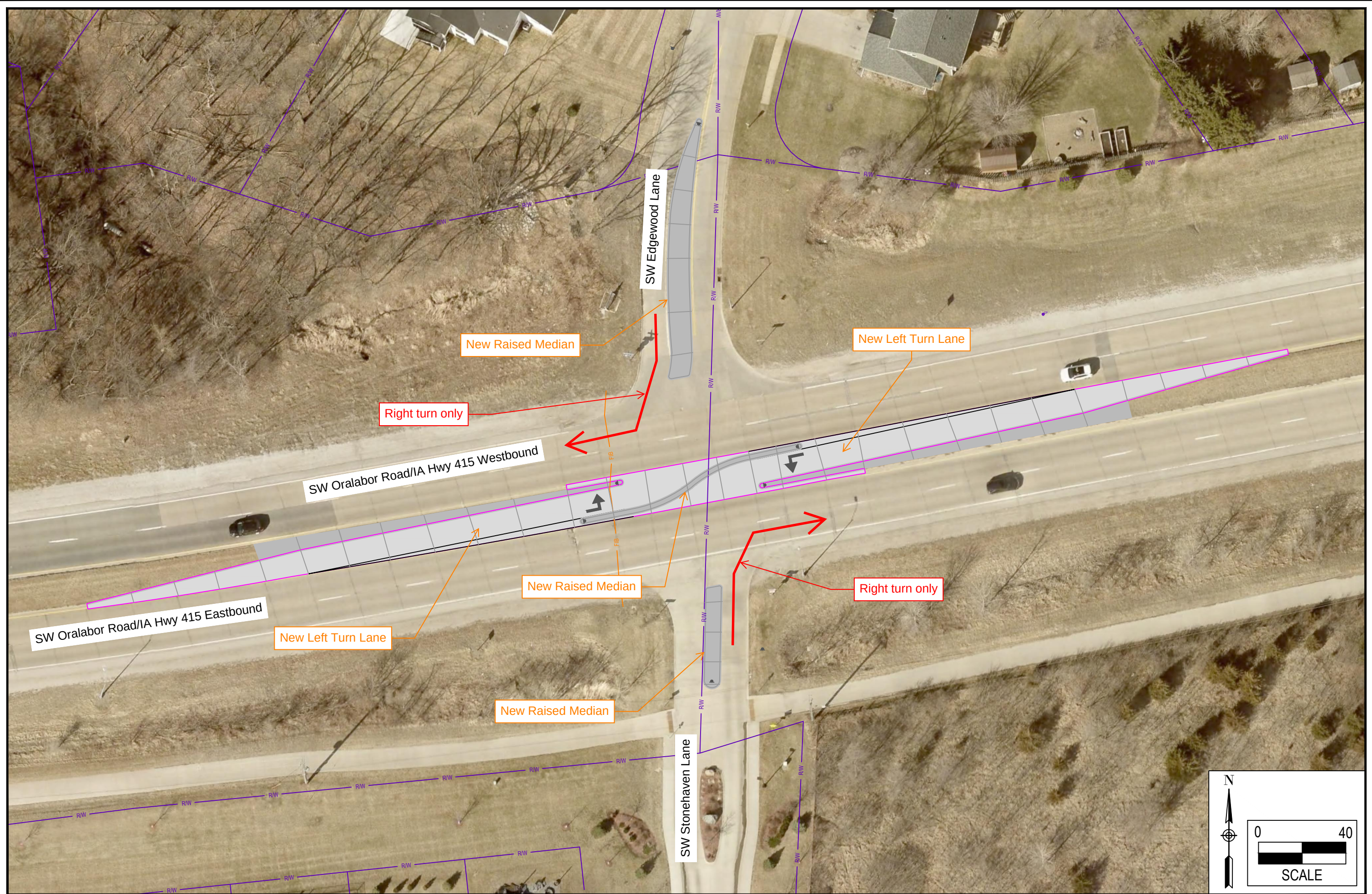
By: _____ Date _____, 20____.
Title: Mayor

I, _____, certify that I am the Clerk of the City, and that _____,
who signed said Agreement for and on behalf of the City was duly authorized to execute the same on the
day of _____, 20____.

Signed: _____
City Clerk of Ankeny, Iowa.

IOWA DEPARTMENT OF TRANSPORTATION:

By: _____ Date _____, 20____.
Allison Smyth, P.E.
District Engineer
District 1



Engineer's Opinion of Probable Construction Costs - 10/13/23

IA Hwy. 415/SW Oralabor Road and SW Edgewood Lane/SW Stonehaven Lane Intersection Improvements

Addition of eastbound and westbound left turn lanes on IA Hwy. 415/SW Oralabor Road at the SW Edgewood Lane and the SW Stonehaven Lane intersections

Item No.	SUDAS No.	Item	Unit	Division 1 Quantity	Division 2 Quantity	Total Quantity	Unit Price	Division 1 Cost	Division 2 Cost	Total Cost
EARTHWORK										
2.01	2010-E	Excavation, Class 10	CY	160	0	160	\$ 25.00	\$ 4,000.00	\$ -	\$ 4,000.00
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	940	0	940	\$ 4.50	\$ 4,230.00	\$ -	\$ 4,230.00
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	240	0	240	\$ 7.00	\$ 1,680.00	\$ -	\$ 1,680.00
2.04	2010-J	Subbase, Modified, Recycled PCC, 6" Depth	SY	940	0	940	\$ 15.00	\$ 14,100.00	\$ -	\$ 14,100.00
2.05	2010-M	Compaction Testing	LS	1	0	1	\$ 2,500.00	\$ 2,500.00	\$ -	\$ 2,500.00
STREETS AND RELATED WORK										
7.01	7010-A	Pavement, PCC, Class C-SUD, 10.5" Thick	SY	650	120	770	\$ 120.00	\$ 78,000.00	\$ 14,400.00	\$ 92,400.00
7.02	7010-999-A	Plastic Concrete Testing	LS	0.9	0.1	1	\$ 2,500.00	\$ 2,250.00	\$ 250.00	\$ 2,500.00
7.03	7010-G	Concrete Median, Doweled, 6" Thick	SY	0	160	160	\$ 120.00	\$ -	\$ 19,200.00	\$ 19,200.00
7.04	7010-G	Concrete Median, 6" Thick	SY	145	25	170	\$ 80.00	\$ 11,600.00	\$ 2,000.00	\$ 13,600.00
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	90	0	90	\$ 15.00	\$ 1,350.00	\$ -	\$ 1,350.00
7.06	7040-H	Pavement Removal	SY	245	120	365	\$ 20.00	\$ 4,900.00	\$ 2,400.00	\$ 7,300.00
TRAFFIC CONTROL										
8.01	8020-C	Painted Pavement Markings, Durable	STA	7.5	0	7.5	\$ 200.00	\$ 1,500.00	\$ -	\$ 1,500.00
8.02	8020-G	Painted Symbols and Legends, Durable	EA	2	0	2	\$ 200.00	\$ 400.00	\$ -	\$ 400.00
8.03	8020-J	Raised Pavement Markers	EA	52	38	90	\$ 27.50	\$ 1,430.00	\$ 1,045.00	\$ 2,475.00
8.04	8020-K	Pavement Markings Removed	STA	0	3.5	3.5	\$ 200.00	\$ -	\$ 700.00	\$ 700.00
8.05	8020-M	Grooves Cut for Pavement Markings	STA	7.5	0	7.5	\$ 200.00	\$ 1,500.00	\$ -	\$ 1,500.00
8.06	8020-N	Grooves Cut for Symbols and Legends	EA	2	0	2	\$ 175.00	\$ 350.00	\$ -	\$ 350.00
8.07	8030-A	Temporary Traffic Control	LS	0.9	0.1	1	\$ 15,000.00	\$ 13,500.00	\$ 1,500.00	\$ 15,000.00
8.08	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	20	0	20	\$ 150.00	\$ 3,000.00	\$ -	\$ 3,000.00
8.09	8040-A	Traffic Signs, Right Turn Only (R3-5R), 30" x 36"	EA	0	2	2	\$ 300.00	\$ -	\$ 600.00	\$ 600.00
8.10	8040-A	Traffic Signs, Type 1 Object Marker (OM1-2), 18" x 18"	EA	2	4	6	\$ 100.00	\$ 200.00	\$ 400.00	\$ 600.00
8.11	8040-C	Wood Posts	EA	2	0	2	\$ 250.00	\$ 500.00	\$ -	\$ 500.00
8.12	8040-F	Round Steel Posts	EA	2	4	6	\$ 150.00	\$ 300.00	\$ 600.00	\$ 900.00
8.13	8040-H	Round Steel Post Anchors	EA	2	4	6	\$ 175.00	\$ 350.00	\$ 700.00	\$ 1,050.00
8.14	8040-J	Remove Traffic Sign Assembly, Sign and Post	EA	2	3	5	\$ 250.00	\$ 500.00	\$ 750.00	\$ 1,250.00
8.15	8040-J	Remove Traffic Sign Assembly, Sign Only	EA	0	4	4	\$ 150.00	\$ -	\$ 600.00	\$ 600.00
SITE WORK AND LANDSCAPING										
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.05	0	0.05	\$ 10,000.00	\$ 500.00	\$ -	\$ 500.00
9.02	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	0.05	0	0.05	\$ 10,000.00	\$ 500.00	\$ -	\$ 500.00
9.03	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM with Temporary Seeding	AC	0.1	0	0.10	\$ 10,000.00	\$ 1,000.00	\$ -	\$ 1,000.00
MISCELLANEOUS										
11.01	11,020-A	Mobilization	LS	0.9	0.1	1	\$ 20,000.00	\$ 18,000.00	\$ 2,000.00	\$ 20,000.00
11.02	11,050-A	Concrete Washout	LS	0.9	0.1	1	\$ 1,500.00	\$ 1,350.00	\$ 150.00	\$ 1,500.00

Subtotal = \$ 169,490.00 \$ 47,295.00 \$ 216,785.00

Construction Contingency, 10% = \$ 16,949.00 \$ 4,730.00 \$ 21,679.00

Total Estimated Cost = \$ 186,439.00 \$ 52,025.00 \$ 238,464.00

CONTRACT PROVISION**Targeted Small Business (TSB) Affirmative Action Responsibilities
on Non-Federal-aid Projects (Third-party State-Assisted Projects)****1. TSB DEFINITION**

A TSB is a small business, as defined by Iowa Code Section 15.102(10), which is 51% or more owned, operated and actively managed by one or more women, minority persons, service-disabled veterans or persons with a disability provided the business meets all of the following requirements: is located in this state, is operated for profit and has an annual gross income of less than 4 million dollars computed as an average of the three preceding fiscal years.

2. TSB REQUIREMENTS

In all State-assisted projects made available through the Iowa Department of Transportation, local governments have certain affirmative action requirements to encourage and increase participation of disadvantaged individuals in business enterprises. These requirements are based on Iowa Code Section 19B.7. These requirements supersede all existing TSB regulations, orders, circulars, and administrative requirements.

3. TSB DIRECTORY INFORMATION

Available from: Iowa Economic Development Authority
Targeted Small Business Certification Program
1963 Bell Avenue
Suite 200
Des Moines, IA 50315
Phone: (515) 348-6200
Website: <https://www.iowaeda.com/small-business/targeted-small-business/>

4. THE CONTRACTOR'S TSB POLICY

The contractor is expected to promote participation of disadvantaged business enterprises as suppliers, manufacturers and subcontractors through a continuous, positive, result-oriented program. Therefore, the contractor's TSB policy shall be:

It is the policy of this firm that Targeted Small Business (TSB) concerns shall have the maximum practical opportunity to participate in contracts funded with State-assisted funds which are administered by this firm (e.g. suppliers, manufacturers and subcontractors). The purpose of our policy is to encourage and increase the TSB participation in contracting opportunities made available by State-assisted programs.

5. CONTRACTORS SHALL APPOINT AN EQUAL EMPLOYMENT OPPORTUNITY (EEO) OFFICER

The contractor shall designate a responsible person to serve as TSB officer to fulfill the contractors affirmative action responsibilities. This person shall have the necessary statistics, funding, authority, and responsibility to carry out and enforce the firm's EEO policy. The EEO officer shall be responsible for developing, managing, and implementing the program on a day-to-day basis. The officer shall also:

- A. For current TSB information, contact the Iowa Economic Development Authority (515-348-6200) to identify potential material suppliers, manufacturers, and contractors.

TSB AFFIRMATIVE ACTION RESPONSIBILITIES

- B. Make every reasonable effort to involve TSBs by soliciting quotations from them and incorporating them into the firm's bid.
- C. Make every reasonable effort to establish systematic written and verbal contact with those TSBs having the materials or expertise to perform the work to be subcontracted, at least two weeks prior to the time quotations are submitted. Maintain complete records of negotiations efforts.
- D. Provide or arrange for assistance to TSBs in seeking bonding, analyzing plans/specifications or other actions that can be viewed as technical assistance.
- E. Ensure the scheduled progress payments are made to TSBs as agreed in subcontract agreements.
- F. Require all subcontractors and material suppliers to comply with all contract equal opportunity and affirmative action provisions.

6. COUNTING TSBs PARTICIPATION ON A PROJECT

TSBs are to assume actual and contractual responsibilities for provision of materials/supplies, subcontracted work, or other commercially useful function.

A. The bidder may count:

- 1) Planned expenditures for materials/supplies to be obtained from TSB suppliers and manufacturers; or
- 2) Work to be subcontracted to a TSB; or
- 3) Any other commercially useful function.

B. The contractor may count:

- 1) 100% of an expenditure to a TSB manufacturer that produces/supplies goods manufactured from raw materials.
- 2) 60% of an expenditure to TSB suppliers that are not manufacturers; provided the suppliers perform a commercially useful function in the supply process.
- 3) Only those expenditures to TSBs that perform a commercially useful function in the work of a contract, including those as a subcontractor.
- 4) Work the Contracting Authority has determined that it involves a commercially useful function. The TSB must have a necessary and useful role in the transaction of a kind for which there is a market outside the context of the TSB program. For example, leasing equipment or purchasing materials from prime contractor would not count.

7. REQUIRED DATA, DOCUMENTS AND CONTRACT AWARD PROCEDURES FROM BIDDERS/CONTRACTORS FOR PROJECTS WITH ASSIGNED GOALS

A. Bidders

Bidders who fail to demonstrate reasonable positive efforts may be declared ineligible to be awarded the contract. Bidders shall complete the bidding documents plus a separate form called "TSB Pre-Bid Contact Information". This form includes:

TSB AFFIRMATIVE ACTION RESPONSIBILITIES

- 1) Name(s) of the TSB(s) contacted regarding subcontractable items.
- 2) Date of the contract.
- 3) Whether or not a TSB bid/quotation was received.
- 4) Whether or not the TSB's bid/quotation was used.
- 5) The dollar amount proposed to be subcontracted.

B. Contractors Using Quotes From TSBs

Use those TSBs whose quotes are listed in the "Quotation Used in Bid" column along with a "yes" indicated on the Pre- BID Contract Information Form.

C. Contractors NOT Using Quotes From TSBs

If there are no TSBs listed on the Pre-bid Contact Information Form, then the contractor shall document all efforts made to include TSB participation in this project by documenting the following:

- 1) What pre-solicitation or pre-bid meetings scheduled by the contracting authority were attended?
- 2) Which general news circulation, trade associations and/or minority-focused media were advertised concerning the subcontracting opportunities?
- 3) Were written notices sent to TSBs that TSBs were being solicited and was sufficient time allowed for the TSBs to participate effectively?
- 4) Were initial solicitations of interested TSBs followed up?
- 5) Were TSBs provided with adequate information about the plans, specifications, and requirements of the contract?
- 6) Were interested TSBs negotiated with in good faith? If a TSB was rejected as unqualified, was the decision based on an investigation of their capabilities?
- 7) Were interested TSBs assisted in obtaining bonding, lines of credit or insurance required by the contractor?
- 8) Were services used of minority community organization, minority contractors' groups; local State and Federal minority business assistance offices or any other organization providing such assistance.

The above documentation shall remain in the contractor's files for a period of three (3) years after the completion of the project and be available for examination by the Iowa Economic Development Authority.

8. POSITIVE EFFORT DOCUMENTATION WHEN NO GOALS ARE ASSIGNED

Contractors are also required to make positive efforts in utilizing TSBs on all State-assisted projects which are not assigned goals. Form 730007, "TSB Pre-bid Contact Information" is required to be submitted with bids on all projects. If there is no TSB participation, then the contractor shall comply with section 7C of this document prior to the contract award. Form 730007 can be found here:

<https://iowadot.seamlessdocs.com/f/TargetedSmallBusinessTSBPrebidContactInfo>

9. POST PROJECT DOCUMENTATION

Form 260017 "Checklist and Certification for the Utilization of Targeted Small Businesses (TSB)" shall be filled out upon completion of each project and submitted to the Iowa Department of Transportation's Contact Person.

<https://iowadot.seamlessdocs.com/f/ChecklistandCertforUtilizationofTSBOnNonFederalProjects>



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Exercise Financial Discipline

ACTION REQUESTED:
Resolution

LEGAL:
No Review Required

SUBJECT:

Consider motion to adopt a **RESOLUTION** authorizing the City of Ankeny to submit an application for Federal Surface Transportation Block Grant (STBG) Program funding to the Des Moines Area Metropolitan Planning Organization (MPO) for the partial funding of the NE 18th Street Bridge Over Interstate 35 project and further approving the application which obligates the City of Ankeny to matching funds for the construction of said project.

EXECUTIVE SUMMARY:

This year's STBG Program grants will provide federal funding for roadway improvement projects in the year 2028. Staff recommends that the City of Ankeny apply to the MPO for an initial round of funding for the NE 18th Street Bridge Over Interstate 35 project. This project is included in the 2024 - 2028 Capital Improvements Program with design occurring in 2025 and 2026, and construction targeted during the 2027, 2028, and 2029 construction seasons.

FISCAL IMPACT: **Yes**

Yes. If successful, the funding from this grant will reduce the amount of local funding needed to complete construction of the project.

CITY MANAGER'S RECOMMENDATIONS:

The City Manager recommends Council approve the Resolution authorizing submittal of the grant application.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

Council Action Planning Session (CAPS) 09/05/2023; and CIP work session 11/13/2023.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution

RESOLUTION 2023-

A RESOLUTION AUTHORIZING THE CITY OF ANKENY TO SUBMIT AN APPLICATION FOR FEDERAL SURFACE TRANSPORTATION PROGRAM BLOCK GRANT (STBG) FUNDING TO THE DES MOINES AREA METROPOLITAN PLANNING ORGANIZATION (MPO) FOR THE PARTIAL FUNDING OF THE NE 18th STREET BRIDGE OVER INTERSTATE 35 PROJECT.

WHEREAS, the City of Ankeny is a full member of the Des Moines Area Metropolitan Planning Organization; and

WHEREAS, the Federal Surface Transportation Block Grant (STBG) Program provides funding to local jurisdictions for the construction of eligible projects; and

WHEREAS, the program is administered by the Des Moines Area Metropolitan Planning Organization which prioritizes and ranks all project applications; and

WHEREAS, the City of Ankeny is proposing to complete the NE 18th Street Bridge Over I-35 project, with design planned for calendar year 2026 and 2027, and construction in 2027, 2028, and 2029; and

WHEREAS, staff recognizes the need for outside funding assistance to complete this critical project and thus recommends that the City of Ankeny apply for partial funding through the Federal Surface Transportation Block Grant Program.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ankeny that:

1. The City Council supports and approves the application for Federal Surface Transportation Program Block Grant funding for FFY2028
2. The City Council hereby commits the City of Ankeny to providing matching monies as required by the Federal Surface Transportation Block Grant Program funding.
3. The City Council hereby commits to accepting and maintaining these improvements for a minimum of twenty (20) years following the completion.
4. The Mayor is hereby authorized to execute the application on behalf of the City Council.

PASSED AND APPROVED this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Resolution

LEGAL:
No Review Required

SUBJECT:
Consider motion to adopt **RESOLUTION** accepting public improvements for utilities in Copeland Commercial.

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Certificate of Completion
 Letter of Assurance

RESOLUTION

RESOLUTION ACCEPTING PUBLIC IMPROVEMENTS IN COPELAND COMMERCIAL - UTILITIES & TURN LANE FOR UTILITIES

WHEREAS, on the 1st day of May, 2023, the City of Ankeny, Iowa entered into a three-party contract with Reilly Construction Co., Inc., the Contractor, and Copeland Development & Construction Co., Inc., the Developer, for the construction of certain public improvements generally described as Utilities, approved under Resolution No. 2023-194; and

WHEREAS, the City of Ankeny, Iowa has received the attached Certificate of Completion on behalf of the Developer from the Developer's Engineer that the construction of the public improvements has been completed on December 18th, 2023 with the following exceptions:

NONE.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

1. That the Certificate of Completion received on behalf of the Developer from the Developer's Engineer be hereby received and filed; and
2. That the above-described improvements be and are hereby accepted based on said certification.

PASSED AND APPROVED on this 18th day of December, 2023.

CITY OF ANKENY, IOWA

By: _____
Mark E. Holm, Mayor

ATTEST:

By: _____
Michelle Yuska, City Clerk

CERTIFICATE OF COMPLETION

Copeland Commercial Utilities

Ankeny, Iowa

December 18, 2023

This is to certify that the construction improvements on the **Copeland Commercial Utilities** project have been completed in substantial compliance with the plans and specifications for the project. I hereby recommend acceptance of the project.

Respectfully submitted,



Jeff Nesvik, P.E.
Project Engineer
Civil Design Advantage
Iowa License Number 23810



CIVIL DESIGN ADVANTAGE L.L.C.

ENGINEERS, LANDSCAPE ARCHITECTS,
PLANNERS & SURVEYORS

December 8, 2023

City of Ankeny – Community Services
Attn: Don Clark
220 W. 1st Street
Ankeny, Iowa 50023

RE: Copeland Commercial Utilities
Public Improvement Acceptance

Dear Don:

We respectfully request acceptance of the public improvements for the aforementioned project. The project was constructed in substantial conformance with the approved plans and specifications to the best of our knowledge. We have attached the following supporting documents for your review and file:

- One set of record drawings with 'as-built' information and service locations (PDF)
- Inspector field notes
- Completed list of punch list items

Following your review, please place on the next available City Council Agenda or contact myself with questions. Thank you.

Sincerely,

CIVIL DESIGN ADVANTAGE, LLC

Jeff Nesvik, P.E.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
Municipal Utilities

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Resolution

LEGAL:
No Review Required

SUBJECT:

Consider motion to adopt **RESOLUTION** accepting public improvements for utilities, paving, and subgrade prep for Kum & Go (965 SE Corporate Woods Drive).

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Certificate of Completion
 Letter of Assurance

RESOLUTION

RESOLUTION ACCEPTING PUBLIC IMPROVEMENTS IN KUM & GO - 965 SE CORPORATE WOODS DR FOR PAVING, UTILITIES, AND SUBGRADE PREP

WHEREAS, on the 16th day of October, 2023, the City of Ankeny, Iowa entered into a three-party contract with The Hansen Company, Inc., the Contractor, and Kum & Go L.C., the Developer, for the construction of certain public improvements generally described as Paving, approved under Resolution No. 2023-404; and

WHEREAS, the City of Ankeny, Iowa has received the attached Certificate of Completion on behalf of the Developer from the Developer's Engineer that the construction of the public improvements has been completed on December 18th, 2023 with the following exceptions:

NONE.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

1. That the Certificate of Completion received on behalf of the Developer from the Developer's Engineer be hereby received and filed; and
2. That the above-described improvements be and are hereby accepted based on said certification.

PASSED AND APPROVED on this 18th day of December, 2023.

CITY OF ANKENY, IOWA

By: _____
Mark E. Holm, Mayor

ATTEST:

By: _____
Michelle Yuska, City Clerk

CERTIFICATE OF COMPLETION

Kum & Go 2212

Ankeny, Iowa

December 18, 2023

This is to certify that the construction improvements on the ***Kum & Go 2212*** project have been completed in substantial compliance with the plans and specifications for the project. I hereby recommend acceptance of the project.

Respectfully submitted,

Civil Design Advantage, LLC



John Patrick Becker, P.E.

Project Engineer

Iowa License Number 25523



CIVIL DESIGN ADVANTAGE L.L.C.

ENGINEERS, LANDSCAPE ARCHITECTS,
PLANNERS & SURVEYORS

December 18, 2023

City of Ankeny – Community Services
Attn: Don Clark
220 W. 1st Street
Ankeny, Iowa 50023

RE: Kum & Go 2212
Public Improvement Acceptance

Dear Don:

We respectfully request acceptance of the public improvements for the aforementioned project. The project was constructed in substantial conformance with the approved plans and specifications to the best of our knowledge. We have attached the following supporting documents for your review and file:

- One set of record drawings with 'as-built' information and service locations (PDF)
- Utility service locates
- Inspector field notes
- Completed list of punch list items

Following your review, please place on the next available City Council Agenda or contact myself with questions. Thank you.

Sincerely,

CIVIL DESIGN ADVANTAGE, LLC

John Patrick Becker, P.E.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

2023 PCC Reconstruction Program - SE 8th Street: Consider motion to approve: a) Final Change Order #1 decreasing the contract amount by \$9,572.50; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvements with All Star Concrete, LLC in the amount of \$632,528.50; and d) Final Payment #5 in the amount of \$660.12 / Release of Retainage in the amount of \$31,626.43.

EXECUTIVE SUMMARY:

The actions before the Council are the approval of the final Change Order, acceptance of the Certificate of Completion, passage of a Resolution accepting the public improvements, and approval of the final and retainage payments to All Star Concrete, LLC for the 2023 PCC Reconstruction Program - SE 8th Street project.

The 2023 PCC Reconstruction Program - SE 8th Street project is now complete. A series of actions are needed in order to close out this construction project:

1) Approval of the Final Change Order #1 decreasing the contract amount by \$9,572.50.

2) Engineer's Certificate of Completion: The attached Certificate of Completion from the project engineer states that the work performed was in substantial compliance with the plans and specifications.

3) Resolution accepting the public improvements: This Resolution approves and adopts the Engineer's Certificate of Completion for the 2023 PCC Reconstruction Program - SE 8th Street project and establishes the final contract amount to be \$632,528.50.

4) Final Payment: All Star Concrete, LLC = \$660.12

Retainage Payment: All Star Concrete, LLC = \$31,626.43

It is recommended that the retainage payment be approved for payment 31 days from the date of acceptance of the project, in accordance with the terms of the contract.

FISCAL IMPACT: No

The above payments will facilitate the final completion of this project which was funded through the Capital Improvements Program.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following actions:

1. Approve final Change Order #1 decreasing the contract amount by \$9,572.50.
2. Accept the Certificate of Completion from the project engineer for the 2023 PCC Reconstruction Program - SE 8th Street project.
3. Adopt the Resolution accepting the 2023 PCC Reconstruction Program - SE 8th Street project with All Star Concrete, LLC in the final contract amount of \$632,528.50; and
4. Authorize final payment to All Star Concrete, LLC in the amount of \$660.12 and release of retainage payment in the amount of \$31,626.43 in accordance with the terms of the contract.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

February 6, 2023: The council approved a motion to adopt a Resolution accepting the proposal from All Star Concrete, LLC in the amount of \$642,101.00 for the construction of the 2023 PCC Reconstruction Program - SE 8th Street project.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download

 [Pay Application #5 \(Final\)](#)

 [Change Order #1 \(Final\)](#)

 [Certificate of Completion](#)

 [Resolution](#)

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: 2023 PCC Reconstruction Program - SE 8th St
Contractor: All Star Concrete, LLC
Address: 4989 NW Johnston Dr, Johnston, IA 50131
Finance Budget Code: 916.3916.4451 Finance Project #: 916.4451
Vendor Project #: N/A Purchase Order #: N/A
Original Contract Date: February 6, 2023 Vendor Account #: 9679

Date of Council Meeting: December 18, 2023 Payment Application #: 5 (Final)

Payment Period: From: September 30, 2023 Through: December 2, 2023

Contract Summary:

Original Contract Amount:	\$	642,101.00	
Net Change by Change Orders:	\$	(9,572.50)	
Contract Amount to Date: (line 1 ± 2)	\$	632,528.50	
Total Completed and Stored to Date:	\$	632,528.50	
Retainage: <u>5</u> % of Completed Work:	\$	31,626.43	
Total Earned Less Retainage:	\$	600,902.07	
Less Previous Applications for Payment:	\$	589,741.95	
SUBTOTAL:	\$		11,160.12

OTHER CHARGES: (Liquidated Damages = 10.5 Days @ \$1,000/day) \$ (10,500.00)

CURRENT PAYMENT DUE: \$ 660.12

Balance to Finish, Including Retainage: \$ 31,626.43

Contract Time Remaining (Substantial): (16.50) Working Days

Contract Time Remaining (Full): - Working Days

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: All Star Concrete, LLC

Firm Name

Signature

Date

Engineer / Consultant Approval:

Firm Name

Signature

Date

City of Ankeny Staff Approval:

Jim Haef
Signature

12/12/2023
Date

Submit to: Emily Soares - Civil Engineer 1

E-mail: ESoares@AnkenyIowa.gov

Phone Number: 515-963-3542

Date Printed: 11/30/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

No.	Date	Amount
1	July 17, 2023	\$ 273,583.85
2	August 21, 2023	\$ 252,815.66
3	September 18, 2023	\$ 60,164.69
4	October 16, 2023	\$ 3,177.75
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Previous Applications for Payment:

No.	Date	Amount
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PREVIOUS PAY APPS TOTAL = \$ 589,741.95

Record of Change Orders:

No.	Date	Amount
1	December 18, 2023	\$ (9,572.50)
2		
3		
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CHANGE ORDER TOTAL = \$ (9,572.50)

Contract Time Remaining:

Contract Period:	Working Days
Construction Start Date:	June 5, 2023

Substantial Completion:

Contract Working Days:	40.0
Added by Change Order:	
Total Working Days:	40.0
Working Days Used to Date:	56.5
Working Days Remaining:	(16.5)

Full Completion:

Contract Working Days:	10.0
Added by Change Order:	
Total Working Days:	10.0
Working Days Used to Date:	10.0
Working Days Remaining:	0.0

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	DESCRIPTION (Include Change Order # if Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
EARTHWORK														
2.01	Topsoil, Compost-amended	CY	270		270.00	\$ 70.00	\$ 18,900.00	135.00	\$ 9,450.00		270.00	\$ 18,900.00	0.00	100.00%
2.02	Excavation, Class 10	CY	660		660.00	\$ 20.00	\$ 13,200.00		-	660.00	660.00	\$ 13,200.00	0.00	100.00%
2.03	Subgrade Preparation, 6" Depth	SY	3,960		3,960.00	\$ 3.00	\$ 11,880.00		-	3,960.00	3,960.00	\$ 11,880.00	0.00	100.00%
2.04	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	980	(936.00)	54.00	\$ 5.00	\$ 270.00		-	54.00	54.00	\$ 270.00	0.00	100.00%
2.05	Subbase, Modified, Virgin Aggregate, 6" Depth	SY	3,960		3,960.00	\$ 12.50	\$ 49,500.00		-	3,960.00	3,960.00	\$ 49,500.00	0.00	100.00%
2.06	Compaction Testing	LS	1		1.00	\$ 1,629.00	\$ 1,629.00		-	1.00	1.00	\$ 1,629.00	0.00	100.00%
SEWERS AND DRAINS														
4.01	Subdrain, Corrugated PVC, Type 2, 8" Diameter	LF	1,440		1,440.00	\$ 30.00	\$ 43,200.00		-	1,440.00	1,440.00	\$ 43,200.00	0.00	100.00%
4.02	Subdrain Cleanout, Type B, 24" Diameter	EA	2		2.00	\$ 1,800.00	\$ 3,600.00		-	2.00	2.00	\$ 3,600.00	0.00	100.00%
4.03	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	10	2.00	12.00	\$ 450.00	\$ 5,400.00		-	12.00	12.00	\$ 5,400.00	0.00	100.00%
WATER MAINS AND APPURTENANCES														
5.01	Valve Box Replacement	EA	2		2.00	\$ 850.00	\$ 1,700.00		-	2.00	2.00	\$ 1,700.00	0.00	100.00%
STRUCTURES FOR SANITARY AND STORM SEWERS														
6.01	Intake, Type SW-501, 3'-0" x 2'-0"	EA	1		1.00	\$ 3,750.00	\$ 3,750.00		-	1.00	1.00	\$ 3,750.00	0.00	100.00%
6.02	Intake, Type SW-503, 3'-0" x 6'-0"	EA	1		1.00	\$ 5,200.00	\$ 5,200.00		-	1.00	1.00	\$ 5,200.00	0.00	100.00%
6.03	Intake, Type SW-505, 6'-8" x 2'-0"	EA	1		1.00	\$ 5,600.00	\$ 5,600.00		-	1.00	1.00	\$ 5,600.00	0.00	100.00%
6.04	Manhole Adjustment, Sanitary, Minor, Self-Level Casting	EA	1		1.00	\$ 2,500.00	\$ 2,500.00		-	1.00	1.00	\$ 2,500.00	0.00	100.00%
6.05	Manhole Adjustment, Sanitary, Minor, Two Piece Casting	EA	1		1.00	\$ 2,500.00	\$ 2,500.00		-	1.00	1.00	\$ 2,500.00	0.00	100.00%
6.06	Manhole Adjustment, Storm, Minor, Two Piece Casting	EA	8		8.00	\$ 2,500.00	\$ 20,000.00		-	8.00	8.00	\$ 20,000.00	0.00	100.00%
6.07	Intake Adjustment, Minor	EA	6		6.00	\$ 2,500.00	\$ 15,000.00		-	6.00	6.00	\$ 15,000.00	0.00	100.00%
6.08	Intake Adjustment, Major	EA	1		1.00	\$ 3,500.00	\$ 3,500.00		-	1.00	1.00	\$ 3,500.00	0.00	100.00%
6.09	Remove Intake	EA	4		4.00	\$ 750.00	\$ 3,000.00		-	4.00	4.00	\$ 3,000.00	0.00	100.00%
6.10	Intake, Type SW-503, Partial Rebuild - 48" Depth	EA	1		1.00	\$ 5,200.00	\$ 5,200.00		-	1.00	1.00	\$ 5,200.00	0.00	100.00%
STREETS AND RELATED WORK														
7.01	Pavement, PCC, Class C-SUD, 7" Thick	SY	890		890.00	\$ 72.00	\$ 64,080.00		-	890.00	890.00	\$ 64,080.00	0.00	100.00%
7.02	Pavement, PCC, Class C-SUD, 8" Thick	SY	2,450		2,450.00	\$ 78.00	\$ 191,100.00		-	2,450.00	2,450.00	\$ 191,100.00	0.00	100.00%
7.03	Plastic Concrete Testing	LS	1		1.00	\$ 5,007.00	\$ 5,007.00		-	1.00	1.00	\$ 5,007.00	0.00	100.00%
7.04	Removal of Sidewalk	SY	230	19.50	249.50	\$ 15.00	\$ 3,742.50	9.50	\$ 142.50	240.00	249.50	\$ 3,742.50	0.00	100.00%
7.05	Removal of Driveway	SY	175		175.00	\$ 15.00	\$ 2,625.00		-	175.00	175.00	\$ 2,625.00	0.00	100.00%
7.06	Sidewalk, PCC, Class C, 4" Thick	SY	135	8.00	143.00	\$ 55.00	\$ 7,865.00	8.00	\$ 440.00	135.00	143.00	\$ 7,865.00	0.00	100.00%
7.07	Sidewalk, PCC, Class C, 6" Thick	SY	85	11.50	96.50	\$ 75.00	\$ 7,237.50	11.50	\$ 862.50	85.00	96.50	\$ 7,237.50	0.00	100.00%
7.08	Detachable Warning, Galvanized Steel	SF	96		96.00	\$ 60.00	\$ 5,760.00		-	96.00	96.00	\$ 5,760.00	0.00	100.00%
7.09	Driveway, Paved, PCC, Class C, Type A Residential, 6" Thick	SY	175		175.00	\$ 65.00	\$ 11,375.00		-	175.00	175.00	\$ 11,375.00	0.00	100.00%
7.10	Subbase Over-excavation, 6" Depth	SY	386	(381.00)	5.00	\$ 12.50	\$ 187.50		-	5.00	5.00	\$ 187.50	0.00	100.00%
7.11	Pavement Removal	SY	3,340		3,340.00	\$ 12.00	\$ 40,080.00		-	3,340.00	3,340.00	\$ 40,080.00	0.00	100.00%
TRAFFIC CONTROL														
8.01	Temporary Traffic Control	LS	1		1.00	\$ 6,750.00	\$ 6,750.00		-	1.00	1.00	\$ 6,750.00	0.00	100.00%
8.02	Portable Dynamic Message Sign (PDMS)	CDAY	10		10.00	\$ 150.00	\$ 1,500.00		-	10.00	10.00	\$ 1,500.00	0.00	100.00%
8.03	Traffic Signs, No Parking (R8-3), 12" x 12"	EA	2		2.00	\$ 300.00	\$ 600.00		-	2.00	2.00	\$ 600.00	0.00	100.00%
8.04	U-Shaped Rail Steel Posts	EA	2		2.00	\$ 175.00	\$ 350.00		-	2.00	2.00	\$ 350.00	0.00	100.00%
SITE WORK AND LANDSCAPING														
9.01	Conventional Seeding and Fertilizing, Type 1	AC	0.5		0.50	\$ 2,750.00	\$ 1,375.00		-	0.50	0.50	\$ 1,375.00	0.00	100.00%
9.02	Conventional Seeding and Fertilizing, Type 4	AC	0.5	(0.50)	0.00	\$ 1,750.00	\$ -		-	0.00	0.00	\$ -	0.00	0.00%
9.03	Erosion Control Mulching, Hydromulching, BFM	AC	1.0	(0.50)	0.50	\$ 3,500.00	\$ 1,750.00		-	0.50	0.50	\$ 1,750.00	0.00	100.00%
9.04	Inlet Protection Device, Surface-applied	EA	11		11.00	\$ 50.00	\$ 550.00		-	11.00	11.00	\$ 550.00	0.00	100.00%
9.05	Inlet Protection Device, Drop-in	EA	11		11.00	\$ 165.00	\$ 1,815.00	5.50	\$ 852.50	5.50	11.00	\$ 1,815.00	0.00	100.00%
9.06	Inlet Protection Device, Maintenance	EA	11		11.00	\$ 20.00	\$ 220.00		-	11.00	11.00	\$ 220.00	0.00	100.00%
MISCELLANEOUS														
11.01	Mobilization	LS	1		1.00	\$ 41,610.00	\$ 41,610.00		-	1.00	1.00	\$ 41,610.00	0.00	100.00%
11.02	Maintenance of Postal Service	LS	1		1.00	\$ 1,830.00	\$ 1,830.00		-	1.00	1.00	\$ 1,830.00	0.00	100.00%
11.03	Maintenance of Solid Waste Collection	LS	1		1.00	\$ 3,900.00	\$ 3,900.00		-	1.00	1.00	\$ 3,900.00	0.00	100.00%
11.04	Temporary Pedestrian Ramp	EA	8		8.00	\$ 1,750.00	\$ 14,000.00		-	8.00	8.00	\$ 14,000.00	0.00	100.00%
11.05	Concrete Washout, Containers	LS	1		1.00	\$ 1,800.00	\$ 1,800.00		-	1.00	1.00	\$ 1,800.00	0.00	100.00%
CHANGE ORDER ITEMS														
12.01					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
12.02					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
12.03					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
12.04					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%
12.05					0.00		\$ -		\$ -		0.00	\$ -	0.00	0.00%

TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK

CONTRACT = \$ 632,528.50 PAY PERIOD = \$ 11,747.50

COMPLETED = \$ 632,528.50

100.00%

CHANGE ORDER FORM



Project Title: 2023 PCC Reconstruction Program - SE 8th St
Contractor: All Star Concrete, LLC
Address: 4989 NW Johnston Dr, Johnston, IA 50131
Finance Budget Code: 916.3916.4451 Finance Project #: 916.4451
Vendor Project #: N/A Purchase Order #: N/A
Original Contract Date: February 6, 2023 Vendor Account #: 9679

Date of Council Meeting: December 18, 2023 Change Order #: 1 (Final)

Purpose of Change Order:

Items #1-8: Balance the quantities to reflect what was measured in the field.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
1	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	(936.00)	\$ 5.00	\$ (4,680.00)
2	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	2.00	\$ 450.00	\$ 900.00
3	Removal of Sidewalk	SY	19.50	\$ 15.00	\$ 292.50
4	Sidewalk, PCC, Class C, 4" Thick	SY	8.00	\$ 55.00	\$ 440.00
5	Sidewalk, PCC, Class C, 6" Thick	SY	11.50	\$ 75.00	\$ 862.50
6	Subbase Over-excavation, 6" Depth	SY	(381.00)	\$ 12.50	\$ (4,762.50)
7	Conventional Seeding and Fertilizing, Type 4	AC	(0.50)	\$ 1,750.00	\$ (875.00)
8	Erosion Control Mulching, Hydromulching, BFM	AC	(0.50)	\$ 3,500.00	\$ (1,750.00)
					\$ -
					\$ -

Change Order #: 1 (Final) makes the following adjustments to the Contract: \$ (9,572.50)

Contractor Accepted: All Star Concrete, LLC
Firm Name

Signature

Date

Engineer Approved: City of Ankeny
Firm Name

Signature

Date

Owner Accepted: City of Ankeny

Signature

Title

December 18, 2023

Date

Attest for Owner:

Signature

Title

December 18, 2023

Date

Record of Change Orders:

Original Contract Amount		\$ 642,101.00
#	Change Order Date	Amount
1	December 18, 2023	\$ (9,572.50)
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Revised Contract Amount \$ 632,528.50

CERTIFICATE OF COMPLETION

2023 PCC Reconstruction Program – SE 8th Street

Ankeny, Iowa

December 18, 2023

This is to certify that the construction improvements on the *2023 PCC Reconstruction Program – SE 8th Street* project have been completed in substantial conformance with the plans and specifications for the project. The final contract amount is **\$632,528.50**. I hereby recommend acceptance of the project.

Respectfully submitted,



Jim Haberichter

Civil Engineer II

City of Ankeny

Iowa License Number P24710

Council Member _____ introduced the following Resolution entitled "RESOLUTION ACCEPTING THE 2023 PCC RECONSTRUCTION PROGRAM - SE 8TH STREET", and moved that the same be adopted. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION ACCEPTING THE 2023 PCC RECONSTRUCTION PROGRAM - SE 8TH STREET

WHEREAS, on the 6th day of December, 2023, the Mayor and Clerk of the City of Ankeny, Iowa, entered into a construction contract with **All Star Concrete, LLC** of **Johnston, Iowa**, for the construction of certain public improvements generally described as the 2023 PCC Reconstruction Program - SE 8th Street; and

WHEREAS, the contractor has fully completed the construction of the public improvements in accordance with the terms and conditions of the contract and plans and specifications, as shown by the certificate of the Engineer filed with the Clerk on December 18, 2023:

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the report of the Engineer be and the same is hereby approved and adopted, and the public improvements are hereby approved and accepted as having been fully completed in accordance with the plans, specifications and form of contract and the total final construction cost thereof is hereby determined to be **\$632,528.50**, as shown in the report of the Engineer.

PASSED AND APPROVED this **18th** day of **December**, 2023.

Mayor

ATTEST:

City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Enhance Quality of Life

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

2023 City-Wide Surface Restoration: Consider motion to approve: a) Final Change Order #1 increasing the contract amount in the amount of \$8,000.00; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvement with Absolute Group in the amount of \$105,767.00; and d) Final Payment #1 in the amount of \$100,478.65 / Release of Retainage in the amount of \$5,288.35.

EXECUTIVE SUMMARY:

The actions before the Council are the approval of Final Change Order #1, acceptance of the Certificate of Completion, passage of a Resolution accepting the public improvements, and approval of the Final Payment Application #1 and the Retainage payment to Absolute Group on the 2023 City-Wide Permanent Surface Restoration project.

The 2023 City-Wide Permanent Surface Restoration project is now complete. A series of actions are needed in order to close out this construction project:

a) Approval of the Final Change Order #1 increasing the contract amount by \$8,000.00

b) Engineer's Certificate of Completion: The attached Certificate of Completion from the project engineer states that the work performed was in substantial conformance with the plans and specifications.

c) Resolution accepting the Public Improvements: This Resolution approves and adopts the Engineer's Certificate of Completion on the 2023 City-Wide Permanent Surface Restoration project and establishes the final contract amount to be \$105,767.00.

d) Final Payment Application #1: Absolute Group = \$100,478.65

Retainage Payment: Absolute Group = \$5,288.35

It is recommended that the retainage payment be approved for payment thirty-one (31) days from the date of acceptance of the project, in accordance with the terms of the contract and provisions in the Iowa Code.

FISCAL IMPACT: **No**

The cost for permanent surface restoration at these locations was included with the individual construction projects in the 2023-2027 CIP for this year and the Park Maintenance budget.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following actions:

1. Approve Final Change Order #1 increasing the contract amount by \$8,000.00.
2. Accept the Engineer's Certificate of Completion for the 2023 City-Wide Permanent Surface Restoration project.
3. Adopt the Resolution accepting the 2023 City-Wide Permanent Surface Restoration project in the final contract amount of \$105,767.00.
4. Authorize Final Payment Application #1 in the amount of \$100,478.65, and the release of retainage payment in the amount of \$5,288.35 in accordance with the terms of the contract.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

August 21, 2023: City Council awarded construction and approved construction contract and bonds.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Change Order #1 (Final)
 Certificate of Completion
 Payment Application #1 (Final)
 Finance Spreadsheet
 Resolution

CHANGE ORDER FORM



Project Title: 2023 City-Wide Permanent Surface Restoration
 Contractor: Absolute Group
 Address: 1800 Burr Oak Blvd, Granger, IA 50109
 Finance Budget Code: See attached spreadsheet Finance Project #: See attached spreadsheet
 Vendor Project #: N/A Purchase Order #: N/A
 Original Contract Date: August 21, 2023 Vendor Account #: 4997

Date of Council Meeting: December 18, 2023 Change Order #: 1

Purpose of Change Order:

Change Order 1 adjusts the project quantities to reflect the as-constructed final quantities. 12.01 includes work completed for the 2022 Surface Restoration project. 12.02 includes additional work located on park land near SW Des Moines Street and SW 18th Street.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
2.01	Topsoil, Compost-amended	CY	(13.5)	\$ 150.00	\$ (2,025.00)
9.01	Conventional Seeding and Fertilizing, Type 1	AC	(0.76)	\$ 6,500.00	\$ (4,940.00)
9.02	Conventional Seeding and Fertilizing, Type 6	AC	(0.87)	\$ 6,500.00	\$ (5,655.00)
9.03	Temporary RECP, Type 2.C	SY	(4,333)	\$ 1.30	\$ (5,632.90)
9.04	Erosion Control Mulching, Hydromulching, BFM	AC	(0.67)	\$ 7,000.00	\$ (4,690.00)
9.06	Spot Herbicide Application	AC	(0.67)	\$ 1,000.00	\$ (670.00)
9.07	Kentucky Bluegrass Seeding and Fertilizing	AC	0.04	\$ 50,000.00	\$ 2,000.00
12.01	Compost-amended Topsoil, Type 1, Type 6, and BFM	LS	1	\$ 4,995.00	\$ 4,995.00
12.02	Spot Herbicide Application; Conventional Seeding and Fertilizing, Type 1; and Erosion Control Mulching, Hydromulching, BFM	AC	3.1	\$ 7,941.26	\$ 24,617.90
Change Order #: <u>1</u> makes the following adjustments to the Contract:					\$ 8,000.00

Contractor Accepted: Absolute Group

Firm Name

Chris Campbell

Signature

12-7-23

Date

Engineer Approved: N/A

Firm Name

Signature

Amy Quinter 12/13/2023

Date

Owner Accepted: City of Ankeny

Mayor

Signature

Title

December 18, 2023

Date

Attest for Owner:

City Clerk

Signature

Title

December 18, 2023

Date

Record of Change Orders:

Original Contract Amount		\$ 97,767.00
#	Change Order Date	Amount
1	December 18, 2023	\$ 8,000.00
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Revised Contract Amount \$ 105,767.00

CERTIFICATE OF COMPLETION

2023 City-wide Permanent Surface Restoration

Ankeny, Iowa

12/18/2023

This is to certify that the construction improvements on the *2023 City-wide Surface Restoration* project have been completed in substantial conformance with the plans and specifications for the project. The final contract amount is **\$105,767.00**. I hereby recommend acceptance of the project.

Respectfully submitted,

Rebecca L. Ford

*Rebecca L. Ford, PE, CFM
Stormwater & Environmental Manager
City of Ankeny
Iowa License Number 19717*

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: 2023 City-Wide Permanent Surface Restoration
Contractor: Absolute Group
Address: 1800 Burr Oak Blvd, Granger, IA 50109
Finance Budget Code: See attached spreadsheet Finance Project #: See attached spreadsheet
Vendor Project #: N/A Purchase Order #: N/A
Original Contract Date: August 21, 2023 Vendor Account #: 4997

Date of Council Meeting: December 18, 2023 Payment Application #: 1 (FINAL)
Payment Period: From: August 23, 2023 Through: September 30, 2023

Contract Summary:

Original Contract Amount:	\$	97,767.00	
Net Change by Change Orders:	\$	8,000.00	
Contract Amount to Date: (line 1 ± 2)	\$		105,767.00
Total Completed and Stored to Date:	\$	105,767.00	
Retainage: <u>5</u> % of Completed Work:	\$	5,288.35	
Total Earned Less Retainage:	\$		100,478.65
Less Previous Applications for Payment:	\$	-	
SUBTOTAL:			\$ 100,478.65
OTHER CHARGES:			\$ -
CURRENT PAYMENT DUE:			\$ 100,478.65
Balance to Finish, Including Retainage:	\$	5,288.35	

Contract Time Remaining: - Calendar Date

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval: Absolute Group
Firm Name
Signature: [Signature] Date: 12-7-23

Engineer / Consultant Approval: N/A
Signature: _____ Date: _____

City of Ankeny Staff Approval: Quinn Lopreato
Signature: [Signature] Date: 12/1/2023

Submit to: Quinn Lopreato - Environmental/Civil Engineer I
E-mail: glopreato@AnkenyIowa.gov Phone Number: 515-965-6432

Date Printed: 12/1/2023

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

ITEM NO.	DESCRIPTION (Include Change Order # If Applicable)	UNITS	ORIGINAL PROPOSED QUANTITY	QUANTITY CHANGE (BY CHANGE ORDER)	TOTAL QUANTITY	UNIT PRICE	EXTENDED PRICE	TOTAL QUANTITY THIS PAY PERIOD	TOTAL VALUE THIS PAY PERIOD	TOTAL QUANTITY FROM PREVIOUS PAY PERIODS	TOTAL QUANTITY COMPLETE	TOTAL VALUE OF COMPLETED WORK	REMAINING QUANTITY	PERCENT COMPLETE
2.01	EARTHWORK													
	Taxiway, Compacted/Sealed	CY	35	(13.50)	21.5	\$ 150.00	\$ 3,225.00	21.5	\$ 3,225.00		21.5	\$ 3,225.00	0.00	100.00%
8.01	TRAFFIC CONTROL													
	Temporary Traffic Control	LS	1		1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00		1	\$ 5,000.00	0.00	100.00%
9.01	SITE WORK AND LANDSCAPING													
	Conventional Seeding and Fertilizing, Type 1	AC	3.35	(0.76)	2.59	\$ 6,500.00	\$ 16,835.00	2.59	\$ 16,835.00		2.59	\$ 16,835.00	0.00	100.00%
9.02	Conventional Seeding and Fertilizing, Type 6	AC	2	(0.87)	1.13	\$ 6,500.00	\$ 7,345.00	1.13	\$ 7,345.00		1.13	\$ 7,345.00	0.00	100.00%
9.03	Temporary RECP, Type 2.C	SY	4,690	(4,333)	357	\$ 1.30	\$ 464.10	357	\$ 464.10		357	\$ 464.10	0.00	100.00%
9.04	Erosion Control Mulchings, Hydromulching, BFM	AC	4.41	(0.67)	3.74	\$ 7,000.00	\$ 26,180.00	3.74	\$ 26,180.00		3.74	\$ 26,180.00	0.00	100.00%
9.05	Overseeding, Type 1, Silt Seeder	AC	1.31		1.31	\$ 2,500.00	\$ 3,275.00	1.31	\$ 3,275.00		1.31	\$ 3,275.00	0.00	100.00%
9.06	Spot Herbicide Application	AC	3		2.33	\$ 1,000.00	\$ 2,330.00	2.33	\$ 2,330.00		2.33	\$ 2,330.00	0.00	100.00%
9.07	Kentucky Bluegrass Seeding and Fertilizing	AC	0.03	(0.67)	0.07	\$ 50,000.00	\$ 3,500.00	0.07	\$ 3,500.00		0.07	\$ 3,500.00	0.00	100.00%
	MISCELLANEOUS													
	Mulchization	LS	1		1	\$ 8,000.00	\$ 8,000.00	1	\$ 8,000.00		1	\$ 8,000.00	0.00	100.00%
11.01	CHANGE ORDER													
12.01	Compacted/Sealed Taxiway, Type 1, Type 6, and BFM	LS	0	1	1	\$ 4,995.00	\$ 4,995.00	1	\$ 4,995.00		1	\$ 4,995.00	0.00	100.00%
12.02	Spot Herbicide Application, Conventional Seeding and Fertilizing, Type 1; and Erosion Control Mulchings, Hydromulching, BFM	AC	0	3.1	3.1	\$ 7,941.26	\$ 24,617.90	3	\$ 24,617.90		3	\$ 24,617.90	0.00	100.00%
TOTAL CONTRACT AND VALUE OF PAY PERIOD AND COMPLETED WORK										CONTRACT = \$ 105,767.00		PAY PERIOD = \$ 105,767.00		
										COMPLETED = \$ 105,767.00		100.00%		

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT

Previous Applications for Payment:

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Previous Applications for Payment:

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PREVIOUS PAY APPS TOTAL = \$ -

Record of Change Orders:

No.	Date	Amount
1	December 18, 2023	\$ 8,000.00
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CHANGE ORDER TOTAL = \$ 8,000.00

Contract Time Remaining:

Contract Period: Calendar Date
Construction Start Date: _____

Substantial Completion:

Contract Working Days: _____
Added by Change Order: _____
Total Working Days: 0.0
Working Days Used to Date: _____
Working Days Remaining: 0.0

Full Completion:

Contract Working Days: _____
Added by Change Order: _____
Total Working Days: 0.0
Working Days Used to Date: _____
Working Days Remaining: 0.0

Project: 2023 City-Wide Permanent Surface Restoration
Original Contract Date: August 21, 2023
Contractor: Absolute Group (vendor #4997)
Payment Application No. 1 (FINAL)

Project Name	Finance Codes	Total per Finance Code
2023 PCC PAVEMENT PRESERVATION PROGRAM	915.3915.4451	\$4,172.75
2023 PCC RECONSTRUCTION PROGRAM - SE CREEKVIEW DRIVE	916.3916.4451	\$8,826.96
2023 PEDESTRIAN RAMP IMPROVEMENTS PROGRAM - FOUNTAIN VIEW	936.2936.4459	\$4,982.79
2023 PEDESTRIAN RAMP IMPROVEMENTS PROGRAM - BARCLAY	936.2936.4459	\$5,777.65
2023 SIDEWALK GAPS AND REPLACEMENTS IMPROVEMENT PROGRAM	936.2936.4459	\$13,809.71
NW 36TH STREET	680.3680.4453	\$2,064.98
2022 ELEMENTARY SCHOOL WALKABILITY IMPROVEMENTS	917.3917.4456	\$2,246.86
2023 ELEMENTARY SCHOOL WALKABILITY IMPROVEMENTS	965.3965.4456	\$481.47
2023 PCC STREET PATCHING PROGRAM	963.3963.4451	\$11,402.40
804 WEST 1ST STREET	610.3610.4450 (33.33%) 650.3650.4452 (33.33%) 963.3963.4451 (33.33%)	\$3,740.78
NW NORTHLAWN AREA UTILITY IMPROVEMENTS - PHASE 2	610.3610.4450 (33.33%) 650.3650.4452 (33.33%) 963.3963.4451 (33.33%)	\$9,946.08
SW MAGAZINE ROAD AND SW DES MOINES STREET	680.3680.4453	\$0.00
DIAMOND HILLS GREENWAY STREAM REPAIRS	680.3680.4453	\$0.00
SE 3RD STREET UTILITY IMPROVEMENTS - PHASE 1	658.3658.4452 (48%) 695.3695.4453 (52%)	\$967.84
WEST FIRST ST WIDENING & IMPROVEMENTS - PHASE 1	970.3970.4451	\$6,956.37
IRVINEDALE DRIVE TRANSMISSION MAIN - PHASE 3	623.3623.4450	\$777.45
CHANGE ORDER ITEM 12.01	963.3963.4451	\$4,995.00
CHANGE ORDER ITEM 12.02	100.2441.4227 (45.05% = \$11,090.00) 936.2936.4459 (54.95% = \$13,527.90)	\$24,617.90
Total		\$105,767.00

RESOLUTION

RESOLUTION ACCEPTING THE 2023 CITY-WIDE PERMANENT SURFACE RESTORATIONS

WHEREAS, on the 21st day of August, 2023, the City of Ankeny entered into contract with Absolute Group of Granger, Iowa for the construction of certain public improvements generally described as construction of the 2023 City-Wide Permanent Surface Restorations project; and

WHEREAS, the contractor has fully completed the construction of the public improvements in accordance with the terms and conditions of the contract documents, as shown by the certificate of the Engineer filed with the Clerk on December 18, 2023.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, IOWA:

Section 1. That the report of the Engineer be and the same is hereby approved and adopted, that the public improvements are hereby approved and accepted as having been fully completed in accordance with the contract documents and the total final construction cost thereof is hereby determined to be \$105,767.00 as shown in the report of the Engineer.

PASSED AND APPROVED on this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Resolution

LEGAL:

No Review Required

SUBJECT:

West First Street Widening and Improvements - Phase 1: Consider motion to approve: a) Final Change Order #6 decreasing the contract amount by \$85,291.66; b) Certificate of Completion; c) **RESOLUTION** accepting the public improvements with Reilly Construction Co., Inc. in the amount of \$5,136,290.09; and d) Final Payment #20 in the amount of \$39,446.79 and Release of Retainage in the amount of \$30,000.00.

EXECUTIVE SUMMARY:

The actions before the Council are the approval of the final Change Order, acceptance of the Certificate of Completion, passage of a Resolution accepting the public improvements, and approval of the final and retainage payments to Reilly Construction Co., Inc. for the West First Street Widening and Improvements - Phase 1 project.

The West First Street Widening and Improvements - Phase 1 project is now complete. A series of actions are needed in order to close out this construction project:

1) Approval of the Final Change Order #6 decreasing the contract amount by \$85,291.66.

2) Engineer's Certificate of Completion: The attached Certificate of Completion from the project engineer states that the work performed was in substantial compliance with the plans and specifications and that the final contract amount is \$5,136,290.09.

3) Resolution accepting the public improvements: This Resolution approves and adopts the Engineer's Certificate of Completion for the West First Street Widening and Improvements - Phase 1 project and establishes the final contract amount to be \$5,136,290.09.

4) Final Payment: Reilly Construction Co., Inc. = \$39,446.79

Retainage Payment: Reilly Construction Co., Inc. = \$30,000.00

It is recommended that the retainage payment be approved for payment 31 days from the date of acceptance of the project, in accordance with the terms of the contract.

FISCAL IMPACT: No

The above payments will facilitate the final completion of this project which was funded through the Capital Improvement Program.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following actions:

1. Approve final Final Change Order #6 decreasing the contract amount by \$85,291.66.
2. Accept the Engineer's Certificate of Completion from the project engineer for the West First Street Widening and Improvements - Phase 1 project.
3. Adopt the Resolution accepting the West First Street Widening and Improvements - Phase 1 project with Reilly Construction Co., Inc. in the final contract amount of \$5,136,290.09; and
4. Authorize Final Payment to Reilly Construction Co., Inc. in the amount of \$39,446.79 and Release of Retainage Payment in the amount of \$30,000.00 in accordance with the terms of the contract.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

January 4, 2021: The council approved a motion to adopt a Resolution accepting the proposal from Reilly Construction Co., Inc. in the amount of \$5,156,005.75 for the construction of the West First Street Widening and Improvements - Phase 1 project.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Change Order #6 (Final)
 Certificate of Completion
 Payment Application #20 (Final)
 Resolution

CHANGE ORDER FORM



Project Title: West First St Widening & Improvements - Phase 1
Contractor: Reilly Construction Co., Inc.
Address: 110 E Main St, PO Box 99, Ossian, Iowa 52161
Finance Budget Code: 970.3970.4451 **Finance Project #** 970.4451
Vendor Project or Invoice #: **PO #**
Original Contract Date: December 15, 2020 **Vendor #** 6038

Change Order Number: 6 (FINAL)

Change Order Date: December 18, 2023

Purpose of Change Order:

Adjustment to final as-built quantities. In addition a change order was issued for 78014 - traffic control for winter shutdown, 78016 - 12" ductile iron pipe, 8018 - traffic control for water main work, 8019 - Traffic control for the trail detour, 8020 - Relocation of trail signal pole, 8021 - Relocation of handhole at Ash, 8022 - Relocation of handhole extensions, 8023 -Traffic Signal Programming, 8024 - 6" valves, 8025 - Extra work on water main, 8026 - tile line relocation at trail, 8027 - Relocation of handhole at School St., 8028 - Liquidated Damages of 20 Days at \$2,000/day.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	70.00	\$ 15.00	\$ 1,050.00
3	EXCAVATION, CLASS 10, WASTE	CY	806.00	\$ 15.00	\$ 12,090.00
7	REMOVAL OF CURB	STA	0.20	\$ 600.00	\$ 120.00
8	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 7 IN	SY	(80.08)	\$ 61.00	\$ (4,884.88)
9	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 8 IN	SY	(1,124.30)	\$ 61.00	\$ (68,582.30)
10	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 9 IN	SY	1,306.70	\$ 58.00	\$ 75,788.60
12	PAY ADJ I/D-PCC PAV'T THICKNESS	EA	18,829.30	\$ 1.00	\$ 18,829.30
13	TEMPORARY PAVEMENT	SY	(92.10)	\$ 45.00	\$ (4,144.50)
14	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	(305.30)	\$ 35.00	\$ (10,685.50)
15	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EA	2.00	\$ 750.00	\$ 1,500.00
23	INTAKE, SW-501	EA	(1.00)	\$ 3,800.00	\$ (3,800.00)
25	INTAKE, SW-503 MODIFIED 2	EA	1.00	\$ 12,200.00	\$ 12,200.00
28	INTAKE, SW-506 MODIFIED 1	EA	(2.00)	\$ 11,000.00	\$ (22,000.00)
29	INTAKE, SW-506 MODIFIED 2	EA	2.00	\$ 18,500.00	\$ 37,000.00
35	CONNECTION TO EXISTING MANHOLE	EA	1.00	\$ 2,500.00	\$ 2,500.00
36	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 12"	LF	(7.00)	\$ 135.00	\$ (945.00)
37	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 15"	LF	(55.00)	\$ 130.00	\$ (7,150.00)
38	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 18"	LF	15.00	\$ 160.00	\$ 2,400.00
39	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 24"	LF	(26.00)	\$ 165.00	\$ (4,290.00)
41	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 36"	LF	12.00	\$ 170.00	\$ 2,040.00
42	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 42"	LF	6.00	\$ 185.00	\$ 1,110.00
44	REMOVE STORM SEWER LESS THAN OR EQUAL TO 36 IN	LF	367.50	\$ 40.00	\$ 14,700.00
45	STORM SEWER ABANDONMENT, FILL & PLUG, LESS THAN OR EQUAL TO 36 IN	LF	(132.50)	\$ 35.00	\$ (4,637.50)
46	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN	LF	62.00	\$ 75.00	\$ 4,650.00
47	SANITARY SEWER SERVICE STUB, PVC, 4 IN	LF	(430.00)	\$ 70.00	\$ (30,100.00)
48	SANITARY SEWER SERVICE STUB, PVC, 6 IN	LF	353.00	\$ 75.00	\$ 26,475.00
49	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN	LF	471.00	\$ 35.00	\$ 16,485.00
50	SANITARY SEWER ABANDONMENT, FILL & PLUG, LESS THAN TO EQUAL TO 36 IN	LF	(571.00)	\$ 15.00	\$ (8,565.00)
51	REMOVAL OF PAVEMENT	SY	(244.91)	\$ 2.00	\$ (489.82)
52	REMOVAL OF INTAKES AND UTILITY ACCESSES	EA	2.00	\$ 1,250.00	\$ 2,500.00
53	REMOVAL OF SIDEWALK	SY	5.84	\$ 3.00	\$ 17.52
54	SIDEWALK, P.C. CONCRETE, 4 IN	SY	(190.05)	\$ 37.00	\$ (7,031.85)
55	SIDEWALK, P.C. CONCRETE, 5 IN	SY	31.18	\$ 40.00	\$ 1,247.20
56	SIDEWALK, P.C. CONCRETE, 6 IN	SY	38.62	\$ 44.00	\$ 1,699.28

CHANGE ORDER FORM

57	DETECTABLE WARNINGS	SF	(55.71)	\$ 46.00	\$ (2,562.66)
58	CURB AND GUTTER, P.C. CONCRETE, AS PER PLAN	LF	(16.00)	\$ 36.00	\$ (576.00)
59	DRIVEWAY, P.C. CONCRETE, 6 IN	SY	(23.10)	\$ 44.00	\$ (1,016.40)
60	DRIVEWAY, P.C. CONCRETE, 7 IN	SY	140.34	\$ 47.00	\$ 6,595.98
62	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	3.90	\$ 450.00	\$ 1,755.00
64	REMOVAL OF FENCE, CHAIN LINK	LF	11.00	\$ 24.00	\$ 264.00
65	REMOVE AND REINSTALL SIGN AS PER PLAN	EA	(24.00)	\$ 250.00	\$ (6,000.00)
67	WOOD POSTS FOR TYPE A SIGNS, 4 IN X 4IN	LF	82.00	\$ 15.00	\$ 1,230.00
68	TYPE A SIGNS, SHEET ALUMINUM	SF	157.70	\$ 50.00	\$ 7,885.00
70	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	133.70	\$ 40.00	\$ 5,348.00
71	PAINTED PAVEMENT MARKINGS, DURABLE	STA	22.22	\$ 80.00	\$ 1,777.60
72	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	(20.92)	\$ 120.00	\$ (2,510.40)
73	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EA	11.00	\$ 80.00	\$ 880.00
75	PRE-CUT SYMBOLS AND LEGENDS, REGULAR MARKING TAPE	EA	(5.00)	\$ 250.00	\$ (1,250.00)
77	SYMBOLS AND LEGENDS REMOVED	EA	3.00	\$ 100.00	\$ 300.00
78	GROOVES CUT FOR PAVEMENT MARKINGS	STA	22.22	\$ 41.00	\$ 911.02
80	SAFETY CLOSURE	EA	4.00	\$ 200.00	\$ 800.00
82	NO EXCUSE ROAD OPENING BONUS, ALL ROADWAYS OPEN BY SEPTEMBER 24, 2022	EA	(1.00)	\$ 50,000.00	\$ (50,000.00)
84	FLAGGERS	EA	(86.00)	\$ 605.00	\$ (52,030.00)
86	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	CDAY	26.00	\$ 100.00	\$ 2,600.00
88	WATER MAIN, TRENCHED, PVC, 4 IN	LF	(44.00)	\$ 150.00	\$ (6,600.00)
89	WATER MAIN, TRENCHED, PVC, 8 IN	LF	(27.20)	\$ 90.00	\$ (2,448.00)
90	FITTING BY WEIGHT, DUCTILE IRON	LB	2,661.00	\$ 15.00	\$ 39,915.00
91	WATER SERVICE STUB, POLYETHYLENE, 3/4 IN	LF	193.90	\$ 35.00	\$ 6,786.50
92	WATER SERVICE STUB, POLYETHYLENE, 2 IN	LF	(8.00)	\$ 100.00	\$ (800.00)
93	WATER SERVICE CORPORATION, AS PER PLAN, 3/4 IN	LF	4.00	\$ 300.00	\$ 1,200.00
95	WATER SERVICE CURB STOP AND BOX, AS PER PLAN, 3/4 IN	EA	3.00	\$ 300.00	\$ 900.00
97	VALVE, GATE, DIP, 4 IN	EA	(1.00)	\$ 1,100.00	\$ (1,100.00)
98	VALVE, GATE, DIP, 8 IN	EA	4.00	\$ 1,700.00	\$ 6,800.00
99	VALVE, GATE, DIP, 12 IN	EA	1.00	\$ 2,800.00	\$ 2,800.00
100	TAPPING VALVE ASSEMBLY, 8 IN	EA	(3.00)	\$ 5,000.00	\$ (15,000.00)
102	VALVE BOX REPLACEMENT	EA	(16.00)	\$ 700.00	\$ (11,200.00)
104	FIRE HYDRANT ASSEMBLY REMOVAL	EA	1.00	\$ 1,200.00	\$ 1,200.00
105	ROCK INLET FILTER	EA	(41.00)	\$ 250.00	\$ (10,250.00)
106	SUBDRAIN CLEANOUT, PER PLAN	EA	(3.00)	\$ 1,500.00	\$ (4,500.00)
107	SUBDRAIN OUTLET INTO STRUCTURE	EA	(10.00)	\$ 300.00	\$ (3,000.00)
108	WATER SERVICE STUB, TEMPORARY	EA	(12.00)	\$ 1,800.00	\$ (21,600.00)
109	HANDRAIL	LF	13.00	\$ 200.00	\$ 2,600.00
110	REMOVE WATER MAIN	LF	(166.20)	\$ 30.00	\$ (4,986.00)
111	STORM SEWER SERVICE STUB	LF	(64.00)	\$ 50.00	\$ (3,200.00)
112	SUBDRAIN, CORRUGATED PVC, TYPE 2, 8 IN	LF	(133.20)	\$ 20.00	\$ (2,664.00)
113	WATER MAIN ABANDONMENT, FILL & PLUG	LF	(154.00)	\$ 25.00	\$ (3,850.00)
115	MAINTENANCE OF SOLID WASTE COLLECTION	LS	(1.00)	\$ 17,500.00	\$ (17,500.00)
116	REMOVE AND SALVAGE MONUMENT SIGN	LS	(1.00)	\$ 1,000.00	\$ (1,000.00)
121	SPECIAL COMPACTION OF SUBGRADE, 12 IN	SY	176.51	\$ 2.75	\$ 485.40
122	TEMORARY GRANULAR SIDEWALK	SY	(268.32)	\$ 20.00	\$ (5,366.40)
123	MOWING	ACRE	(4.00)	\$ 125.00	\$ (500.00)
124	MULCHING, BONDED FIBER MATRIX	ACRE	1.00	\$ 2,285.00	\$ 2,285.00
125	SEEDING AND FERTILIZING (URBAN)	ACRE	1.70	\$ 1,580.00	\$ 2,686.00
126	STABILIZING CROP- SEEDING AND FERTILIZING (URBAN)	ACRE	(1.37)	\$ 550.00	\$ (753.50)
127	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN DIA.	LF	(6,537.00)	\$ 1.95	\$ (12,747.15)
128	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	(7,020.00)	\$ 0.25	\$ (1,755.00)
129	GRATE INTAKE SEDIMENT FILTER BAG	EA	(9.00)	\$ 95.00	\$ (855.00)
130	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EA	(62.00)	\$ 20.00	\$ (1,240.00)
131	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EA	(9.00)	\$ 20.00	\$ (180.00)

CHANGE ORDER FORM

132	MOBILIZATIONS, EROSION CONTROL	EA	(1.00)	\$ 500.00	\$ (500.00)
78014	TRAFFIC CONTROL FOR WINTER SHUTDOWN	LS	1.00	\$ 500.00	\$ 500.00
78016	12" DUCTILE IRON PIPE	LF	55.20	\$ 162.00	\$ 8,942.40
8018	TRAFFIC CONTROL FOR WATER MAIN WORK	LS	1.00	\$ 1,650.00	\$ 1,650.00
8019	TRAFFIC CONTROL FOR HTT DETOUR	LS	1.00	\$ 4,235.00	\$ 4,235.00
8020	RELOCATION OF HTT SIGNAL POLE	LS	1.00	\$ 9,901.65	\$ 9,901.65
8021	RELOCATION OF HANDHOLE, ASH DR	LS	1.00	\$ 3,404.50	\$ 3,404.50
8022	RELOCATION OF HANDHOLE EXTENSIONS	LS	1.00	\$ 2,472.50	\$ 2,472.50
8023	TRAFFIC SIGNAL PROGRAMMING, EXTRA WORK	HOURL	1.00	\$ 82.50	\$ 82.50
8024	VALVE, GATE, DIP, 6 IN.	EA	1.00	\$ 1,600.00	\$ 1,600.00
8025	EXTRA WORK, WATER MAIN	LS	1.00	\$ 5,700.00	\$ 5,700.00
8026	EXTRA WORK, TILE LINE RELOCATION AT HTT	LS	1.00	\$ 7,726.00	\$ 7,726.00
8027	RELOCATION OF HANDHOLE, SCHOOL ST	LS	1.00	\$ 2,934.25	\$ 2,934.25
8028	LIQUIDATED DAMAGES	DAYS	20.00	\$ (2,000.00)	\$ (40,000.00)
					\$ -
					\$ -
					\$ -

Change Order Number: 6 (FINAL) makes the following adjustments to the Contract: \$ (85,291.66)

Contractor Accepted: Reilly Construction Co., Inc.

Signature [Signature] Date 12/8/23

Engineer Approved: Foth Infrastructure & Environment, LLC.

Signature Bradley D. Hopkey Date 12/08/23

Owner Accepted: City of Ankeny

Signature _____ Title _____
Date _____

Attest for Owner:

Signature _____ Title _____
Date _____

Record of Change Orders

#	Date	Amount
Original Contract Amount		\$ 5,156,005.75
1	June 2, 2021	\$ 17,318.00
2	September 20, 2021	\$ 9,129.00
3	April 18, 2022	\$ 11,578.00
4	September 22, 2022	\$ 19,301.00
5	January 17, 2023	\$ 8,250.00
6	December 18, 2023	\$ (85,291.66)
7		
8		
9		
10		
11		
12		
13		
14		
15		

Revised Contract Amount \$ 5,136,290.09

CERTIFICATE OF COMPLETION

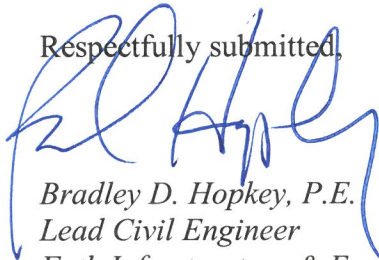
West First Street Widening and Improvements – Phase 1

Ankeny, Iowa

December 18, 2023

This is to certify that the construction improvements on the *West First Street Widening and Improvements – Phase 1* project have been completed in substantial conformance with the plans and specifications for the project. The final contract amount is **\$5,136,290.09**. I hereby recommend acceptance of the project.

Respectfully submitted,



Bradley D. Hopkey, P.E.

Lead Civil Engineer

Foth Infrastructure & Environment, LLC

Iowa License Number 16305

APPLICATION FOR PARTIAL PAYMENT OF CONTRACT



Project Title: West First St Widening & Improvements - Phase 1
Contractor: Reilly Construction Company, Inc.
Address: 110 E Main PO BOX 99 Ossian, IA 52161
Finance Budget Code: 970.3970.4451 **Finance Project Code:** 970.4451
Vendor Project or Invoice #: PO #
Original Contract Date: December 15, 2020 **Vendor #** 6038

Date of Council Meeting: December 18, 2023 **PAY REQUEST #** 20

PAYMENT PERIOD From: March 1, 2023 Through: September 29, 2023

Contract Summary

Original Contract Amount: \$ 5,156,005.75
Net change by Change Orders: \$ (19,715.66)
Contract Amount to Date: (line 1 ± 2) \$ 5,136,290.09

Total completed and stored to date: \$ 5,136,290.09
Retainage: 0% of Completed Work: \$ 30,000.00 (\$30,000.00 max)
Total Earned less Retainage: \$ 5,106,290.09
Less previous applications for payment: \$ 5,066,843.30
SUBTOTAL \$ 39,446.79

OTHER CHARGES (Attach an itemized list) \$ -

CURRENT PAYMENT DUE \$ 39,446.79

Balance to finish, including retainage: \$ 30,000.00

Contract Time Remaining (If applicable): 0 of 130 Working Days (2022 Construction)

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information, and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all the amounts have been paid by the Contractor for work for which previous Certificate(s) for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Construction Contractor Approval Reilly Construction Company, Inc.
Firm Name

Signature [Signature] Date 12/8/23

Engineer / Consultant Approval Foth Infrastructure & Environment, LLC
Firm Name

Signature Bradley D. Hopkey Date 12/08/23
Digitally signed by Bradley D. Hopkey
DN: c=US, e=bradley.hopkey@foth.com, o=Foth Infrastructure & Environment, LLC, ou=Infrastructure
Reason: I am approving this document
Date: 2023.12.08 15:42:20 -0600

City of Ankeny Staff Approval:
Signature Adam Lust Date 12/11/23

Submit to: Adam Lust, PE | Public Works Engineering Manager
E-mail: ALust@AnkenyIowa.gov **Phone:** (515) 963-3537 **Fax:** (515) 963-3535



City of Ankeny, Iowa
Public Works - Engineering
1210 NW Prairie Ridge Dr
Ankeny, IA 50023-1564

PAY APPLICATION 20

Contractor: Reilly Construction Company, Inc.
110 E Main
PO BOX 99
Ossian, IA 52161

Division 1: STBG-SWAP-0187(643)--SG-77

Division 2: CS-TSF-0187(645)--85-77

Project Title: West First St Widening & Improvements - Phase 1		
Project Number: STBG-SWAP-0187(643)--SG-77 CS-TSF-0187(645)--85-77		
Purchase Order Number:		
Contract Date:	12/15/2020	
Original Contract Amount:	\$5,156,005.75	
Notice to Proceed Date:		
Estimated Completion Date:	9/24/2022	
Pay Period:	3/1/2023	to 9/29/2023
Pay Application Number:	20	
Date:	10/27/2023	
Contract ID:	77-0187-643	

BID ITEMS													
Item No.	Item Code	Description	Unit	Div. 1 Qty.	Div. 2 Qty.	Unit Price	Div. 1 Cost	Div. 2 Cost	Div. 1 Qty. Completed	Div. 2 Qty. Completed	Div. 1 Val. Completed	Div. 2 Val. Completed	Total Value Completed
1	2101-0850002	CLEARING AND GRUBBING	UNIT	628.00		\$55.00	\$34,540.00	\$0.00	628.00	0.00	\$34,540.00	\$0.00	\$34,540.00
2	2102-2710070	EXCAVATION, CLASS 10, ROADWAY AND BORROW	CY	578.00		\$15.00	\$8,670.00	\$0.00	578.00	0.00	\$8,670.00	\$0.00	\$8,670.00
3	2102-2170090	EXCAVATION, CLASS 10, WASTE	CY	8318.00		\$15.00	\$124,770.00	\$0.00	8318.00	0.00	\$124,770.00	\$0.00	\$124,770.00
4	2105-8425005	TOPSOIL, FURNISH AND SPREAD	CY	1311.00		\$30.00	\$39,330.00	\$0.00	1311.00	0.00	\$39,330.00	\$0.00	\$39,330.00
5	2115-0100000	MODIFIED SUBBASE	CY	3654.00	565.00	\$50.00	\$182,700.00	\$28,250.00	3654.00	565.00	\$182,700.00	\$28,250.00	\$210,950.00
6	2123-7450020	SHOULDER FINISHING, EARTH	STA	134.00		\$125.00	\$16,750.00	\$0.00	134.00	0.00	\$16,750.00	\$0.00	\$16,750.00
7	2213-6745500	REMOVAL OF CURB	STA	21.00		\$600.00	\$12,600.00	\$0.00	21.00	0.00	\$12,600.00	\$0.00	\$12,600.00
8	2301-1033070	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 7 IN	SY	1274.92		\$61.00	\$77,770.12	\$0.00	1274.92	0.00	\$77,770.12	\$0.00	\$77,770.12
9	2301-1033080	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 8 IN	SY	2192.70		\$61.00	\$133,754.70	\$0.00	2192.70	0.00	\$133,754.70	\$0.00	\$133,754.70
10	2301-1033090	STANDARD/SLIP-FORM PCC PAVEMENT, CLASS C, CLASS 3, 9 IN	SY	14866.70	3390.00	\$58.00	\$862,268.60	\$196,620.00	14866.70	3390.00	\$862,268.60	\$196,620.00	\$1,058,888.60
11	2301-6911722	PORTLAND CEMENT CONCRETE PAVEMENT SAMPLES	LS	1.00		\$2,500.00	\$2,500.00	\$0.00	1.00	0.00	\$2,500.00	\$0.00	\$2,500.00
12	2301-7000110	PAY ADJ I/D-PCC PAVT THICKNESS	EACH	35779.30		\$1.00	\$35,779.30	\$0.00	35779.30	0.00	\$35,779.30	\$0.00	\$35,779.30
13	2304-0101000	TEMPORARY PAVEMENT	SY	3308.90		\$45.00	\$148,900.50	\$0.00	3308.90	0.00	\$148,900.50	\$0.00	\$148,900.50
14	2312-8260051	GRANULAR SURFACING ON ROAD, CLASS A CRUSHED STONE	TON	79.70		\$35.00	\$2,789.50	\$0.00	79.70	0.00	\$2,789.50	\$0.00	\$2,789.50
15	2401-6745354	REMOVAL OF CONCRETE FOOTINGS, AS PER PLAN	EACH	10.00		\$750.00	\$7,500.00	\$0.00	10.00	0.00	\$7,500.00	\$0.00	\$7,500.00
16	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.	EACH	1.00		\$2,500.00	\$2,500.00	\$0.00	1.00	0.00	\$2,500.00	\$0.00	\$2,500.00
17	2435-0130148	MANHOLE, SANITARY SEWER, SW-301, 48 IN	EACH	4.00		\$5,500.00	\$22,000.00	\$0.00	4.00	0.00	\$22,000.00	\$0.00	\$22,000.00
18	2435-0140160	MANHOLE, STORM SEWER, SW-401, 60 IN	EACH	3.00		\$7,500.00	\$22,500.00	\$0.00	3.00	0.00	\$22,500.00	\$0.00	\$22,500.00
19	2435-0140172	MANHOLE, STORM SEWER, SW-401, 72 IN	EACH	4.00		\$9,500.00	\$38,000.00	\$0.00	4.00	0.00	\$38,000.00	\$0.00	\$38,000.00
20	2435-0140196	MANHOLE, STORM SEWER, SW-401, 96 IN	EACH	1.00		\$14,500.00	\$14,500.00	\$0.00	1.00	0.00	\$14,500.00	\$0.00	\$14,500.00
21	2435-0140300	MANHOLE, STORM SEWER, SW-403 (7X7)	EACH	1.00		\$17,400.00	\$17,400.00	\$0.00	1.00	0.00	\$17,400.00	\$0.00	\$17,400.00
22	2435-0140400	MANHOLE, STORM SEWER, SW-404 (7X7)	EACH	1.00		\$25,000.00	\$25,000.00	\$0.00	1.00	0.00	\$25,000.00	\$0.00	\$25,000.00
23	2435-0250100	INTAKE, SW-501	EACH	7.00		\$3,800.00	\$26,600.00	\$0.00	7.00	0.00	\$26,600.00	\$0.00	\$26,600.00
24	2435-0250310	INTAKE, SW-503 MODIFIED 1	EACH	6.00		\$7,500.00	\$45,000.00	\$0.00	6.00	0.00	\$45,000.00	\$0.00	\$45,000.00
25	2435-0250310	INTAKE, SW-503 MODIFIED 2	EACH	2.00		\$12,200.00	\$24,400.00	\$0.00	2.00	0.00	\$24,400.00	\$0.00	\$24,400.00
26	2435-0250500	INTAKE, SW-505	EACH	4.00		\$6,000.00	\$24,000.00	\$0.00	4.00	0.00	\$24,000.00	\$0.00	\$24,000.00
27	2435-0250600	INTAKE, SW-506	EACH	4.00		\$9,600.00	\$38,400.00	\$0.00	4.00	0.00	\$38,400.00	\$0.00	\$38,400.00
28	2435-0250610	INTAKE, SW-506 MODIFIED 1	EACH	3.00		\$11,000.00	\$33,000.00	\$0.00	3.00	0.00	\$33,000.00	\$0.00	\$33,000.00
29	2435-0250610	INTAKE, SW-506 MODIFIED 2	EACH	10.00		\$18,500.00	\$185,000.00	\$0.00	10.00	0.00	\$185,000.00	\$0.00	\$185,000.00
30	2435-0251100	INTAKE, SW-511	EACH	2.00		\$4,500.00	\$9,000.00	\$0.00	2.00	0.00	\$9,000.00	\$0.00	\$9,000.00

BID ITEMS													
Item No.	Item Code	Description	Unit	Div. 1 Qty.	Div. 2 Qty.	Unit Price	Div. 1 Cost	Div. 2 Cost	Div. 1 Qty. Completed	Div. 2 Qty. Completed	Div. 1 Val. Completed	Div. 2 Val. Completed	Total Value Completed
31	2435-0600010	MANHOLE ADJUSTMENT, MINOR	EACH	27.00		\$1,800.00	\$48,600.00	\$0.00	27.00	0.00	\$48,600.00	\$0.00	\$48,600.00
32	2435-0600020	MANHOLE ADJUSTMENT, MAJOR	EACH	9.00		\$2,500.00	\$22,500.00	\$0.00	9.00	0.00	\$22,500.00	\$0.00	\$22,500.00
33	2435-0600110	INTAKE ADJUSTMENT, MINOR	EACH	6.00		\$2,200.00	\$13,200.00	\$0.00	6.00	0.00	\$13,200.00	\$0.00	\$13,200.00
34	2435-0600120	INTAKE ADJUSTMENT, MAJOR	EACH	3.00		\$2,900.00	\$8,700.00	\$0.00	3.00	0.00	\$8,700.00	\$0.00	\$8,700.00
35	2435-0700010	CONNECTION TO EXISTING MANHOLE	EACH	3.00		\$2,500.00	\$7,500.00	\$0.00	3.00	0.00	\$7,500.00	\$0.00	\$7,500.00
36	2503-0114212	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 12"	LF	49.00		\$135.00	\$6,615.00	\$0.00	49.00	0.00	\$6,615.00	\$0.00	\$6,615.00
37	2503-0114215	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 15"	LF	447.00		\$130.00	\$58,110.00	\$0.00	447.00	0.00	\$58,110.00	\$0.00	\$58,110.00
38	2503-0114218	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 18"	LF	156.00		\$160.00	\$24,960.00	\$0.00	156.00	0.00	\$24,960.00	\$0.00	\$24,960.00
39	2503-0114224	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 24"	LF	221.00		\$165.00	\$36,465.00	\$0.00	221.00	0.00	\$36,465.00	\$0.00	\$36,465.00
40	2503-0114230	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 30"	LF	459.00		\$135.00	\$61,965.00	\$0.00	459.00	0.00	\$61,965.00	\$0.00	\$61,965.00
41	2503-0114236	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 36"	LF	476.00		\$170.00	\$80,920.00	\$0.00	476.00	0.00	\$80,920.00	\$0.00	\$80,920.00
42	2503-0114242	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 42"	LF	329.00		\$185.00	\$60,865.00	\$0.00	329.00	0.00	\$60,865.00	\$0.00	\$60,865.00
43	2503-0114248	STORM SWR G-MAIN, TRENCHED, RCP 2000D, 48"	LF	642.00		\$215.00	\$138,030.00	\$0.00	642.00	0.00	\$138,030.00	\$0.00	\$138,030.00
44	2503-0200036	REMOVE STORM SEWER LESS THAN OR EQUAL TO 36 IN	LF	1943.50		\$40.00	\$77,740.00	\$0.00	1943.50	0.00	\$77,740.00	\$0.00	\$77,740.00
45	2503-0200341	STORM SEWER ABANDONMENT, FILL & PLUG, LESS THAN OR EQUAL TO 36 IN	LF	2225.50		\$35.00	\$77,892.50	\$0.00	2225.50	0.00	\$77,892.50	\$0.00	\$77,892.50
46	2504-0114008	SANITARY SEWER GRAVITY MAIN, TRENCHED, PVC, 8 IN	LF	202.00		\$75.00	\$15,150.00	\$0.00	202.00	0.00	\$15,150.00	\$0.00	\$15,150.00
47	2504-0200404	SANITARY SEWER SERVICE STUB, PVC, 4 IN	LF	126.00		\$70.00	\$8,820.00	\$0.00	126.00	0.00	\$8,820.00	\$0.00	\$8,820.00
48	2504-0200406	SANITARY SEWER SERVICE STUB, PVC, 6 IN	LF	523.00		\$75.00	\$39,225.00	\$0.00	523.00	0.00	\$39,225.00	\$0.00	\$39,225.00
49	2504-0240036	REMOVE SANITARY SEWER PIPE LESS THAN OR EQUAL TO 36 IN	LF	666.00		\$35.00	\$23,310.00	\$0.00	666.00	0.00	\$23,310.00	\$0.00	\$23,310.00
50	2504-0240236	SANITARY SEWER ABANDONMENT, FILL & PLUG, LESS THAN TO EQUAL TO 36 IN	LF	101.00		\$15.00	\$1,515.00	\$0.00	101.00	0.00	\$1,515.00	\$0.00	\$1,515.00
51	2510-6745850	REMOVAL OF PAVEMENT	SY	19881.09		\$2.00	\$39,762.18	\$0.00	19881.09	0.00	\$39,762.18	\$0.00	\$39,762.18
52	2510-6750600	REMOVAL OF INTAKES AND UTILITY ACCESSSES	EACH	47.00		\$1,250.00	\$58,750.00	\$0.00	47.00	0.00	\$58,750.00	\$0.00	\$58,750.00
53	2511-6745900	REMOVAL OF SIDEWALK	SY	4451.84		\$3.00	\$13,355.52	\$0.00	4451.84	0.00	\$13,355.52	\$0.00	\$13,355.52
54	2511-7526004	SIDEWALK, P.C. CONCRETE, 4 IN	SY	1146.00	95.95	\$37.00	\$42,402.00	\$3,550.15	1146.00	95.95	\$42,402.00	\$3,550.15	\$45,952.15
55	2511-7526005	SIDEWALK, P.C. CONCRETE, 5 IN	SY	2036.18	500.00	\$40.00	\$81,447.20	\$20,000.00	2036.18	500.00	\$81,447.20	\$20,000.00	\$101,447.20
56	2511-7526006	SIDEWALK, P.C. CONCRETE, 6 IN	SY	409.70	121.92	\$44.00	\$18,026.80	\$5,364.48	409.70	121.92	\$18,026.80	\$5,364.48	\$23,391.28
57	2511-7528101	DETECTABLE WARNINGS	SF	400.88	108.41	\$46.00	\$18,440.48	\$4,986.86	400.88	108.41	\$18,440.48	\$4,986.86	\$23,427.34
58	2512-1750006	CURB AND GUTTER, P.C. CONCRETE, AS PER PLAN	LF	132.00	0.00	\$36.00	\$4,752.00	\$0.00	132.00	0.00	\$4,752.00	\$0.00	\$4,752.00
59	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN	SY	322.00	56.90	\$44.00	\$14,168.00	\$2,503.60	322.00	56.90	\$14,168.00	\$2,503.60	\$16,671.60
60	2515-2475007	DRIVEWAY, P.C. CONCRETE, 7 IN	SY	1834.34	424.00	\$47.00	\$86,213.98	\$19,928.00	1834.34	424.00	\$86,213.98	\$19,928.00	\$106,141.98
61	2515-6745600	REMOVAL OF PAVED DRIVEWAY	SY	2904.00		\$3.00	\$8,712.00	\$0.00	2904.00	0.00	\$8,712.00	\$0.00	\$8,712.00
62	2516-8625000	COMBINED CONCRETE SIDEWALK AND RETAINING WALL	CY	82.90		\$450.00	\$37,305.00	\$0.00	82.90	0.00	\$37,305.00	\$0.00	\$37,305.00
63	2519-1002048	FENCE, CHAIN LINK, 48 IN HEIGHT	LF	88.00		\$50.00	\$4,400.00	\$0.00	88.00	0.00	\$4,400.00	\$0.00	\$4,400.00
64	2519-4200120	REMOVAL OF FENCE, CHAIN LINK	LF	125.00		\$24.00	\$3,000.00	\$0.00	125.00	0.00	\$3,000.00	\$0.00	\$3,000.00
65	2524-6785010	REMOVE AND REINSTALL SIGN AS PER PLAN	EACH	28.00		\$250.00	\$7,000.00	\$0.00	28.00	0.00	\$7,000.00	\$0.00	\$7,000.00
66	2524-6785110	REMOVAL OF TYPE A SIGN	EACH	1.00		\$200.00	\$200.00	\$0.00	1.00	0.00	\$200.00	\$0.00	\$200.00
67	2524-9275100	WOOD POSTS FOR TYPE A SIGNS, 4 IN X 4 IN	LF	434.00		\$15.00	\$6,510.00	\$0.00	434.00	0.00	\$6,510.00	\$0.00	\$6,510.00
68	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM	SF	170.70	0.00	\$50.00	\$8,535.00	\$0.00	170.70	0.00	\$8,535.00	\$0.00	\$8,535.00
69	2525-0000100	TRAFFIC SIGNALIZATION	LS	0.00	1.00	\$315,000.00	\$0.00	\$315,000.00	0.00	1.00	\$0.00	\$315,000.00	\$315,000.00
70	2527-9263109	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT-BASED	STA	277.30	0.00	\$40.00	\$11,092.00	\$0.00	277.30	0.00	\$11,092.00	\$0.00	\$11,092.00
71	2527-9263117	PAINTED PAVEMENT MARKINGS, DURABLE	STA	128.32	26.50	\$80.00	\$10,265.60	\$2,120.00	128.32	26.50	\$10,265.60	\$2,120.00	\$12,385.60
72	2527-9263131	WET RETROREFLECTIVE REMOVABLE TAPE MARKINGS	STA	83.38	0.00	\$120.00	\$10,005.60	\$0.00	83.38	0.00	\$10,005.60	\$0.00	\$10,005.60
73	2527-9263137	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT-BASED	EACH	20.00	0.00	\$80.00	\$1,600.00	\$0.00	20.00	0.00	\$1,600.00	\$0.00	\$1,600.00
74	2527-9263143	PAINTED SYMBOLS AND LEGENDS, DURABLE	EACH	14.00	12.00	\$130.00	\$1,820.00	\$1,560.00	14.00	12.00	\$1,820.00	\$1,560.00	\$3,380.00
75	2527-9263152	PRE-CUT SYMBOLS AND LEGENDS, REGULAR MARKING TAPE	EACH	3.00	0.00	\$250.00	\$750.00	\$0.00	3.00	0.00	\$750.00	\$0.00	\$750.00
76	2527-9263180	PAVEMENT MARKINGS REMOVED	STA	158.00	0.00	\$30.00	\$4,740.00	\$0.00	158.00	0.00	\$4,740.00	\$0.00	\$4,740.00
77	2527-9263190	SYMBOLS AND LEGENDS REMOVED	EACH	17.00	0.00	\$100.00	\$1,700.00	\$0.00	17.00	0.00	\$1,700.00	\$0.00	\$1,700.00
78	2527-9270111	GROOVES CUT FOR PAVEMENT MARKINGS	STA	128.32	26.50	\$41.00	\$5,261.12	\$1,086.50	128.32	26.50	\$5,261.12	\$1,086.50	\$6,347.62
79	2527-9270120	GROOVES CUT FOR SYMBOLS AND LEGENDS	EACH	14.00	12.00	\$100.00	\$1,400.00	\$1,200.00	14.00	12.00	\$1,400.00	\$1,200.00	\$2,600.00
80	2528-2518000	SAFETY CLOSURE	EACH	48.00	0.00	\$200.00	\$9,600.00	\$0.00	48.00	0.00	\$9,600.00	\$0.00	\$9,600.00

BID ITEMS													
Item No.	Item Code	Description	Unit	Div. 1 Qty.	Div. 2 Qty.	Unit Price	Div. 1 Cost	Div. 2 Cost	Div. 1 Qty. Completed	Div. 2 Qty. Completed	Div. 1 Val. Completed	Div. 2 Val. Completed	Total Value Completed
81	2528-5160000	NO EXCUSE ROAD OPENING BONUS, ALL ROADWAYS OPEN BY OCTOBER 16, 2021	LS	1.00	0.00	\$60,000.00	\$60,000.00	\$0.00	1.00	0.00	\$60,000.00	\$0.00	\$60,000.00
82	2528-5160000	NO EXCUSE ROAD OPENING BONUS, ALL ROADWAYS OPEN BY SEPTEMBER 24, 2022	LS	0.00	0.00	\$50,000.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
83	2528-8445110	TRAFFIC CONTROL	LS	1.00	0.00	\$59,550.00	\$59,550.00	\$0.00	1.00	0.00	\$59,550.00	\$0.00	\$59,550.00
84	2528-8445113	FLAGGERS	EACH	14.00	0.00	\$605.00	\$8,470.00	\$0.00	14.00	0.00	\$8,470.00	\$0.00	\$8,470.00
85	2528-9109020	TEMPORARY LANE SEPARATOR SYSTEM	LF	1511.00	0.00	\$12.00	\$18,132.00	\$0.00	1511.00	0.00	\$18,132.00	\$0.00	\$18,132.00
86	2528-9290050	PORTABLE DYNAMIC MESSAGE SIGN (PDMIS)	CDAY	96.00	0.00	\$100.00	\$9,600.00	\$0.00	96.00	0.00	\$9,600.00	\$0.00	\$9,600.00
87	2533-4980005	MOBILIZATION	LS	1.00	0.00	\$85,000.00	\$85,000.00	\$0.00	1.00	0.00	\$85,000.00	\$0.00	\$85,000.00
88	2554-0114004	WATER MAIN, TRENCHED, PVC, 4 IN	LF	58.00	0.00	\$150.00	\$8,700.00	\$0.00	58.00	0.00	\$8,700.00	\$0.00	\$8,700.00
89	2554-0114008	WATER MAIN, TRENCHED, PVC, 8 IN	LF	840.80	0.00	\$90.00	\$75,672.00	\$0.00	840.80	0.00	\$75,672.00	\$0.00	\$75,672.00
90	2554-0203000	FITTING BY WEIGHT, DUCTILE IRON	LB	3603.00	0.00	\$15.00	\$54,045.00	\$0.00	3603.00	0.00	\$54,045.00	\$0.00	\$54,045.00
91	2554-0205000	WATER SERVICE STUB, POLYETHYLENE, 3/4 IN	LF	688.90	0.00	\$35.00	\$24,111.50	\$0.00	688.90	0.00	\$24,111.50	\$0.00	\$24,111.50
92	2554-0205000	WATER SERVICE STUB, POLYETHYLENE, 2 IN	LF	10.00	0.00	\$100.00	\$1,000.00	\$0.00	10.00	0.00	\$1,000.00	\$0.00	\$1,000.00
93	2554-0205300	WATER SERVICE CORPORATION, AS PER PLAN, 3/4 IN	EACH	17.00	0.00	\$300.00	\$5,100.00	\$0.00	17.00	0.00	\$5,100.00	\$0.00	\$5,100.00
94	2554-0205300	WATER SERVICE CORPORATION, AS PER PLAN, 2 IN	EACH	1.00	0.00	\$600.00	\$600.00	\$0.00	1.00	0.00	\$600.00	\$0.00	\$600.00
95	2554-0205600	WATER SERVICE CURB STOP AND BOX, AS PER PLAN, 3/4 IN	EACH	16.00	0.00	\$300.00	\$4,800.00	\$0.00	16.00	0.00	\$4,800.00	\$0.00	\$4,800.00
96	2554-0205600	WATER SERVICE CURB STOP AND BOX, AS PER PLAN, 2 IN	EACH	1.00	0.00	\$700.00	\$700.00	\$0.00	1.00	0.00	\$700.00	\$0.00	\$700.00
97	2554-0207004	VALVE, GATE, DIP, 4 IN	EACH	5.00	0.00	\$1,100.00	\$5,500.00	\$0.00	5.00	0.00	\$5,500.00	\$0.00	\$5,500.00
98	2554-0207008	VALVE, GATE, DIP, 8 IN	EACH	5.00	0.00	\$1,700.00	\$8,500.00	\$0.00	5.00	0.00	\$8,500.00	\$0.00	\$8,500.00
99	2554-0207012	VALVE, GATE, DIP, 12 IN	EACH	2.00	0.00	\$2,800.00	\$5,600.00	\$0.00	2.00	0.00	\$5,600.00	\$0.00	\$5,600.00
100	2554-0208008	TAPPING VALVE ASSEMBLY, 8 IN	EACH	3.00	0.00	\$5,000.00	\$15,000.00	\$0.00	3.00	0.00	\$15,000.00	\$0.00	\$15,000.00
101	2554-0210201	FIRE HYDRANT ASSEMBLY, WM-201	EACH	11.00	0.00	\$6,400.00	\$70,400.00	\$0.00	11.00	0.00	\$70,400.00	\$0.00	\$70,400.00
102	2554-0212030	VALVE BOX REPLACEMENT	EACH	6.00	0.00	\$700.00	\$4,200.00	\$0.00	6.00	0.00	\$4,200.00	\$0.00	\$4,200.00
103	2555-0000010	DELIVER AND STOCKPILE SALVEGED MATERIALS	LS	1.00	0.00	\$2,500.00	\$2,500.00	\$0.00	1.00	0.00	\$2,500.00	\$0.00	\$2,500.00
104	2599-9999005	FIRE HYDRANT ASSEMBLY REMOVAL	EACH	7.00	0.00	\$1,200.00	\$8,400.00	\$0.00	7.00	0.00	\$8,400.00	\$0.00	\$8,400.00
105	2599-9999005	ROCK INLET FILTER	EACH	0.00	0.00	\$250.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
106	2599-9999005	SUBDRAIN CLEANOUT, PER PLAN	EACH	23.00	0.00	\$1,500.00	\$34,500.00	\$0.00	23.00	0.00	\$34,500.00	\$0.00	\$34,500.00
107	2599-9999005	SUBDRAIN OUTLET INTO STRUCTURE	EACH	87.00	0.00	\$300.00	\$26,100.00	\$0.00	87.00	0.00	\$26,100.00	\$0.00	\$26,100.00
108	2599-9999005	WATER SERVICE STUB, TEMPORARY	EACH	2.00	0.00	\$1,800.00	\$3,600.00	\$0.00	2.00	0.00	\$3,600.00	\$0.00	\$3,600.00
109	2599-9999009	HANDRAIL	LF	28.00	0.00	\$200.00	\$5,600.00	\$0.00	28.00	0.00	\$5,600.00	\$0.00	\$5,600.00
110	2599-9999009	REMOVE WATER MAIN	LF	297.80	0.00	\$30.00	\$8,934.00	\$0.00	297.80	0.00	\$8,934.00	\$0.00	\$8,934.00
111	2599-9999009	STORM SEWER SERVICE STUB	LF	214.00	0.00	\$50.00	\$10,700.00	\$0.00	214.00	0.00	\$10,700.00	\$0.00	\$10,700.00
112	2599-9999009	SUBDRAIN, CORRUGATED PVC, TYPE 2, 8 IN	LF	6305.80	0.00	\$20.00	\$126,116.00	\$0.00	6305.80	0.00	\$126,116.00	\$0.00	\$126,116.00
113	2599-9999009	WATER MAIN ABANDONMENT, FILL & PLUG	LF	0.00	0.00	\$25.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
114	2599-9999010	ADJUSTMENTS TO TRAFFIC SIGNALS	LS	1.00	0.00	\$60,000.00	\$60,000.00	\$0.00	1.00	0.00	\$60,000.00	\$0.00	\$60,000.00
115	2599-9999010	MAINTENANCE OF SOLID WASTE COLLECTION	LS	0.00	0.00	\$17,500.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
116	2599-9999010	REMOVE AND SALVAGE MONUMENT SIGN	LS	0.00	0.00	\$1,000.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
117	2599-9999010	WATER SERVICE WITH BLOWOFF	LS	1.00	0.00	\$4,000.00	\$4,000.00	\$0.00	1.00	0.00	\$4,000.00	\$0.00	\$4,000.00
118	2599-9999014	COMBINED CONCRETE STEPS AND RETAINING WALL	SF	85.00	0.00	\$150.00	\$12,750.00	\$0.00	85.00	0.00	\$12,750.00	\$0.00	\$12,750.00
119	2599-9999014	DETECTABLE WARNINGS, TEMPORARY SIDEWALKS	SF	78.00	0.00	\$46.00	\$3,588.00	\$0.00	78.00	0.00	\$3,588.00	\$0.00	\$3,588.00
120	2599-9999018	SPECIAL COMPACTION OF SUBGRADE, 6 IN	SY	14702.00	3390.00	\$1.50	\$22,053.00	\$5,085.00	14702.00	3390.00	\$22,053.00	\$5,085.00	\$27,138.00
121	2599-9999018	SPECIAL COMPACTION OF SUBGRADE, 12 IN	SY	5769.51	0.00	\$2.75	\$15,866.15	\$0.00	5769.51	0.00	\$15,866.15	\$0.00	\$15,866.15
122	2599-9999018	TEMPORARY GRANULAR SIDEWALK	SY	106.68	0.00	\$20.00	\$2,133.60	\$0.00	106.68	0.00	\$2,133.60	\$0.00	\$2,133.60
123	2601-2633100	MOWING	ACRE	1.00	0.00	\$125.00	\$125.00	\$0.00	1.00	0.00	\$125.00	\$0.00	\$125.00
124	2601-2634105	MULCHING, BONDED FIBER MATRIX	ACRE	9.00	0.00	\$2,285.00	\$20,565.00	\$0.00	9.00	0.00	\$20,565.00	\$0.00	\$20,565.00
125	2601-2636044	SEEDING AND FERTILIZING (URBAN)	ACRE	3.20	0.00	\$1,580.00	\$5,056.00	\$0.00	3.20	0.00	\$5,056.00	\$0.00	\$5,056.00
126	2601-2642120	STABILIZING CROP- SEEDING AND FERTILIZING (URBAN)	ACRE	3.63	0.00	\$550.00	\$1,996.50	\$0.00	3.63	0.00	\$1,996.50	\$0.00	\$1,996.50
127	2602-0000309	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 9 IN DIA.	LF	615.00	0.00	\$1.95	\$1,199.25	\$0.00	615.00	0.00	\$1,199.25	\$0.00	\$1,199.25
128	2602-0000350	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE	LF	132.00	0.00	\$0.25	\$33.00	\$0.00	132.00	0.00	\$33.00	\$0.00	\$33.00
129	2602-0000530	GRATE INTAKE SEDIMENT FILTER BAG	EACH	53.00	0.00	\$95.00	\$5,035.00	\$0.00	53.00	0.00	\$5,035.00	\$0.00	\$5,035.00
130	2602-0000540	MAINTENANCE OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	0.00	0.00	\$20.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00
131	2602-0000550	REMOVAL OF GRATE INTAKE SEDIMENT FILTER BAG	EACH	53.00	0.00	\$20.00	\$1,060.00	\$0.00	53.00	0.00	\$1,060.00	\$0.00	\$1,060.00
132	2602-0010010	MOBILIZATIONS, EROSION CONTROL	EACH	13.00	0.00	\$500.00	\$6,500.00	\$0.00	13.00	0.00	\$6,500.00	\$0.00	\$6,500.00

BID ITEMS													
Item No.	Item Code	Description	Unit	Div. 1 Qty.	Div. 2 Qty.	Unit Price	Div. 1 Cost	Div. 2 Cost	Div. 1 Qty. Completed	Div. 2 Qty. Completed	Div. 1 Val. Completed	Div. 2 Val. Completed	Total Value Completed
CHANGE ORDER 1													
8001	2554-0112008	WATER MAIN, TRENCHED, DUCTILE IRON PIPE (DIP), 8 IN.	LF	138.00		\$111.00	\$15,318.00	\$0.00	138.00	0.00	\$15,318.00	\$0.00	\$15,318.00
8002	2599-9999010	DART BUS SHELTER, DEMOLITION & REMOVAL	LS	1.00		\$2,000.00	\$2,000.00	\$0.00	1.00	0.00	\$2,000.00	\$0.00	\$2,000.00
CHANGE ORDER 2													
8003	2599-9999005	SANITARY SEWER SERVICE STUB CONNECTION, PVC, 4 IN.	EACH	2.00		\$665.00	\$1,330.00	\$0.00	2.00	0.00	\$1,330.00	\$0.00	\$1,330.00
8004	2599-9999010	RELOCATE WATER MAIN (CHERRY ST), PVC, 8 IN.	LS	1.00		\$1,800.00	\$1,800.00	\$0.00	1.00	0.00	\$1,800.00	\$0.00	\$1,800.00
8005	2599-9999005	WATER SERVICE STUB, LIVE TAP, 3/4 IN.	EACH	2.00		\$662.00	\$1,324.00	\$0.00	2.00	0.00	\$1,324.00	\$0.00	\$1,324.00
8006	2599-9999010	RELOCATE EXISTING WATER SERVICE	LS	1.00		\$1,800.00	\$1,800.00	\$0.00	1.00	0.00	\$1,800.00	\$0.00	\$1,800.00
8007	2599-9999005	FIRE HYDRANT BARREL EXTENSION	EACH	1.00		\$1,463.00	\$1,463.00	\$0.00	1.00	0.00	\$1,463.00	\$0.00	\$1,463.00
8008	2599-9999009	STORM SEWER SERVICE STUB, PVC, 4 IN.	LF	21.00		\$52.00	\$1,092.00	\$0.00	21.00	0.00	\$1,092.00	\$0.00	\$1,092.00
8009	2599-9999014	SPECIAL BACKFILL FOR WATER MAIN, 2 IN. FOAM INSULATION	SF	64.00		\$5.00	\$320.00	\$0.00	64.00	0.00	\$320.00	\$0.00	\$320.00
CHANGE ORDER 3													
8010	2599-9999010	ROOF DRAIN CONNECTIONS TO SUBDRAIN	LS	1.00		\$2,830.00	\$2,830.00	\$0.00	1.00	0.00	\$2,830.00	\$0.00	\$2,830.00
8011	2599-9999010	REMOVAL OF TAPPING SLEEVE AND VALVE	LS	1.00		\$8,248.00	\$8,248.00	\$0.00	1.00	0.00	\$8,248.00	\$0.00	\$8,248.00
8012	2599-9999010	REMOVAL AND RE-INSTALLATION OF HANDRAIL	LS	1.00		\$500.00	\$500.00	\$0.00	1.00	0.00	\$500.00	\$0.00	\$500.00
CHANGE ORDER 4													
8013	2599-9999010	TRAFFIC CONTROL - LANE WIDTH RESTRICTION, TWO EXTRA 48X48 SIGNS	LS	1.00		\$440.00	\$440.00	\$0.00	1.00	0.00	\$440.00	\$0.00	\$440.00
8014	2599-9999010	TRAFFIC CONTROL - WINTER SHUTDOWN, EXTRA SIGNS W/ PLAQUES AND DRUMS W/ RINGS	LS	1.00		\$2,272.00	\$2,272.00	\$0.00	1.00	0.00	\$2,272.00	\$0.00	\$2,272.00
8015	2599-9999010	TRAFFIC CONTROL - PEDESTRIAN DETOUR, PEDESTRIAN DIVERSION	LS	1.00		\$5,087.00	\$5,087.00	\$0.00	1.00	0.00	\$5,087.00	\$0.00	\$5,087.00
8016	2554-0132012	12" DUCTILE IRON PIPE	LF	71.00		\$162.00	\$11,502.00	\$0.00	71.00	0.00	\$11,502.00	\$0.00	\$11,502.00
CHANGE ORDER 5													
8017	2599-9999010	SPECIAL TREE REMOVAL	LS	1.00		\$8,250.00	\$8,250.00	\$0.00	1.00	0.00	\$8,250.00	\$0.00	\$8,250.00
CHANGE ORDER 6													
78014	2599-9999010	TRAFFIC CONTROL - WINTER SHUTDOWN, EXTRA SIGNS W/ PLAQUES AND DRUMS W/ RINGS	LS	1.00		\$500.00	\$500.00	\$0.00	1.00	0.00	\$500.00	\$0.00	\$500.00
78016	2554-0132012	12" DUCTILE IRON PIPE	LF	55.20		\$162.00	\$8,942.40	\$0.00	55.20	0.00	\$8,942.40	\$0.00	\$8,942.40
8018	2528-8445110	TRAFFIC CONTROL FOR WATER MAIN WORK	LS	1.00		\$1,650.00	\$1,650.00	\$0.00	1.00	0.00	\$1,650.00	\$0.00	\$1,650.00
8019	2528-8445110	TRAFFIC CONTROL FOR HIT DETOUR	LS	1.00		\$4,235.00	\$4,235.00	\$0.00	1.00	0.00	\$4,235.00	\$0.00	\$4,235.00
8020	8525-0000100	RELOCATION OF HIT SIGNAL POLE	LS	1.00		\$9,901.65	\$9,901.65	\$0.00	1.00	0.00	\$9,901.65	\$0.00	\$9,901.65
8021	2599-9999010	RELOCATION OF HANDHOLE, ASH DR	LS	1.00		\$3,404.50	\$3,404.50	\$0.00	1.00	0.00	\$3,404.50	\$0.00	\$3,404.50
8022	2599-9999010	RELOCATION OF HANDHOLE EXTENSIONS	LS	1.00		\$2,472.50	\$2,472.50	\$0.00	1.00	0.00	\$2,472.50	\$0.00	\$2,472.50
8023	2599-9999007	TRAFFIC SIGNAL PROGRAMMING, EXTRA WORK	HOURL	1.00		\$82.50	\$82.50	\$0.00	1.00	0.00	\$82.50	\$0.00	\$82.50
8024	2554-0207006	VALVE, GATE, DIP, 6 IN.	EA	1.00		\$1,600.00	\$1,600.00	\$0.00	1.00	0.00	\$1,600.00	\$0.00	\$1,600.00
8025	2599-9999010	EXTRA WORK, WATER MAIN	LS	1.00		\$5,700.00	\$5,700.00	\$0.00	1.00	0.00	\$5,700.00	\$0.00	\$5,700.00
8026	2599-9999010	EXTRA WORK, TILE LINE RELOCATION AT HIT	LS	1.00		\$7,726.00	\$7,726.00	\$0.00	1.00	0.00	\$7,726.00	\$0.00	\$7,726.00
8027	2599-9999010	RELOCATION OF HANDHOLE, SCHOOL ST	LS	1.00		\$2,934.25	\$2,934.25	\$0.00	1.00	0.00	\$2,934.25	\$0.00	\$2,934.25
8028	6200-110810	LIQUIDATED DAMAGES	DAYS	20.00		(\$2,000.00)	(\$40,000.00)	\$0.00	20.00	0.00	-\$40,000.00	\$0.00	-\$40,000.00
SUBTOTAL							\$4,529,035.50	\$607,254.59			\$4,529,035.50	\$607,254.59	\$5,136,290.09

MATERIALS STORED SUMMARY							
Description	# of Units		Total Units	Unit Price	Div. 1 Ext. Cost	Div. 2 Ext. Cost	Total Cost
	Div. 1	Div. 2					
							\$0.00
							\$0.00
SUBTOTAL					\$0.00	\$0.00	\$0.00
PAY REQUEST SUMMARY							
	Total Approved		Total Completed				
Contract Price	\$5,156,005.75		\$5,136,290.09				
Approved Change Order 1	\$17,318.00						
Approved Change Order 2	\$9,129.00						
Approved Change Order 3	\$11,578.00						
Approved Change Order 4	\$19,301.00						
Approved Change Order 5	\$8,250.00						
Approved Change Order 6	-\$85,291.66						
Revised Contract Price	\$5,136,290.09		\$5,136,290.09				
Materials Stored			\$0.00				
Retainage			\$30,000.00				
Total Earned Less Retainage			\$5,106,290.09				
Total Previously Approved (list each)	Pay Request 1	\$227,434.02					
	Pay Request 2	\$147,190.27					
	Pay Request 3	\$462,838.08					
	Pay Request 4	\$502,416.35					
	Pay Request 5	\$362,376.18					
	Pay Request 6	\$739,745.36					
	Pay Request 7	\$258,008.19					
	Pay Request 8	\$50,100.60					
	Pay Request 9	\$11,578.00					
	Pay Request 10	\$92,984.18					
	Pay Request 11	\$108,114.16					
	Pay Request 12	\$143,375.15					
	Pay Request 13	\$575,099.51					
	Pay Request 14	\$472,124.04					
	Pay Request 15	\$294,391.33					
	Pay Request 16	\$284,168.06					
	Pay Request 17	\$213,474.85					
	Pay Request 18	\$13,534.50					
	Pay Request 19	\$107,890.47					
Total Previously Approved			\$5,066,843.30				
Amount Due This Request			\$39,446.79				
Percent Complete			100.0%				
Percent of Contract Period Utilized (2022 Working Days)			100.0%				

The amount \$39,446.79 is recommended for approval for payment in accordance with the terms of the Contract.

Council Member _____ introduced the following Resolution entitled "RESOLUTION ACCEPTING THE WEST FIRST STREET WIDENING AND IMPROVEMENTS - PHASE 1", and moved that the same be adopted. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION ACCEPTING THE WEST FIRST STREET WIDENING AND IMPROVEMENTS - PHASE 1

WHEREAS, on the **4th** day of **January**, 2021, the Mayor and Clerk of the City of Ankeny, Iowa, entered into a construction contract with **Reilly Construction Company, Inc.** of **Ossian, Iowa**, for the construction of certain public improvements generally described as the West First Street Widening and Improvements - Phase 1; and

WHEREAS, the contractor has fully completed the construction of the public improvements in accordance with the terms and conditions of the contract and plans and specifications, as shown by the certificate of the Engineer filed with the Clerk on **December 18, 2023**:

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the report of the Engineer be and the same is hereby approved and adopted, and the public improvements are hereby approved and accepted as having been fully completed in accordance with the plans, specifications and form of contract and the total final construction cost thereof is hereby determined to be **\$5,136,290.09**, as shown in the report of the Engineer.

PASSED AND APPROVED this **18th** day of **December**, 2023.

Mayor

ATTEST:

City Clerk



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Public Works

COUNCIL GOAL:

Upgrade Essential Infrastructure

ACTION REQUESTED:

Resolution

LEGAL:

Item Reviewed by Legal Counsel

SUBJECT:

Consider motion to adopt **RESOLUTION** ordering construction on the 2024 PCC Reconstruction Program - NW Westwood Street project and fixing a date for hearing thereon and taking of bids therefor. (date of bid opening: 01/09/24 @ 10:30 A.M. / date of hrg: 01/16/24 @ 5:30 P.M.)

EXECUTIVE SUMMARY:

The 2024 PCC Reconstruction Program – NW Westwood Street project includes pavement reconstruction and minor utility improvements along NW Westwood Street from just north of NW 5th Street to just south of NW 9th Street in the City of Ankeny.

The construction improvements include the slip-form paving of approximately 3,600 SY of 7” thick PCC Class C-SUD street pavement and 550 SY of 6” thick PCC Class C residential driveways. Other associated improvements include Class 10 excavation, subgrade preparation, modified subbase placement, subdrain installation, removal and replacement of storm sewer structures, minor adjustments to existing storm sewer structures, temporary surface restoration, compost amendment of existing topsoil, permanent surface restoration, temporary traffic control, mobilization, and miscellaneous associated work necessary

to complete the project.

The project is being presented for bidding at this time. Pending project approval and award by the City Council, the contractor will be required to start the project no earlier than May 28, 2024 and no later than June 17, 2024. The contractor will have 50 Working Days to substantially complete the overall project and another 10 Working Days to fully complete the overall project. Council approval at this time will set the following schedule for the proceedings:

1. Set Date of Bid Opening and Public Hearing: December 18, 2023
2. Post Notice to Bidders and Notice of Public Hearing: December 20, 2023
3. Publish Notice to Bidders and Notice of Public of Hearing: December 29, 2023
4. Bid Opening (10:30 A.M., Public Services Building): January 9, 2024
5. Public Hearing and Contract Award: January 16, 2024
(Hold Public Hearing on the plans, specifications, form of contract, estimated total cost; review bids, award contract, and approve contract and bonds.)

FISCAL IMPACT: No

This project is included in the City's current Capital Improvement Program with construction scheduled for 2024.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following action:

1. Adopt Resolution ordering construction and setting the bid opening date as January 9, 2024 and setting the public hearing date as January 16, 2024 for the 2024 PCC Reconstruction Program - NW Westwood Street project, in accordance with the Notice to Bidders and Notice of Public Hearing to be posted on the Iowa League of Cities and Master Builders of Iowa websites on December 20, 2023 and to be published in the Des Moines Register on December 29, 2023.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution

 [Notice to Bidders and Notice of Public Hearing](#)

 [Location Map](#)

Council Member _____ introduced the following Resolution entitled "RESOLUTION ORDERING CONSTRUCTION OF THE 2024 PCC RECONSTRUCTION PROGRAM - NW WESTWOOD STREET, AND FIXING A DATE FOR HEARING THEREON AND TAKING OF BIDS THEREFOR," and moved that the same be adopted. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION ORDERING CONSTRUCTION OF THE 2024 PCC RECONSTRUCTION PROGRAM - NW WESTWOOD STREET, AND FIXING A DATE FOR HEARING THEREON AND TAKING OF BIDS THEREFOR

WHEREAS, it is deemed advisable and necessary to construct certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Westwood Street; and

WHEREAS, the City has caused to be prepared plans, specifications and form of contract, together with estimate of cost, which are now on file in the office of the City Clerk for public inspection, for the construction of the public improvements; and

WHEREAS, the plans, specifications and form of contract are deemed suitable for the making of the public improvements; and

WHEREAS, final grades have been established by ordinance, consistent with the plans for all street improvements included in the proposed construction; and

WHEREAS, before the plans, specifications, form of contract and estimate of cost may be adopted, and a contract for the construction of the public improvements is entered into, it is necessary, pursuant to Chapter 26, Code of Iowa, to hold a public hearing and to advertise for bids:

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That it is hereby determined that it is necessary and advisable to construct certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Westwood Street, in the manner set forth in the plans and specifications and form of contract, above referred to, the cost thereof to be paid in accordance with the provisions as set out in the

posted Notice to Bidders and published Notice of Public Hearing; the public improvements being more generally described as follows:

The 2024 PCC Reconstruction Program – NW Westwood Street project includes pavement reconstruction and minor utility improvements along NW Westwood Street from just north of NW 5th Street to just south of NW 9th Street in the City of Ankeny.

The construction improvements include the slip-form paving of approximately 3,600 SY of 7” thick PCC Class C-SUD street pavement and 550 SY of 6” thick PCC Class C residential driveways. Other associated improvements include Class 10 excavation, subgrade preparation, modified subbase placement, subdrain installation, removal and replacement of storm sewer structures, minor adjustments to existing storm sewer structures, temporary surface restoration, compost amendment of existing topsoil, permanent surface restoration, temporary traffic control, mobilization, and miscellaneous associated work necessary to complete the project.

Section 2. That the amount of the bid security to accompany each bid shall be in an amount which shall conform to the provisions of the notice to bidders approved as a part of the specifications.

BE IT FURTHER RESOLVED, that the City Clerk be and is hereby directed to post a notice to bidders once in a relevant contractor plan room service with statewide circulation and a relevant construction lead generating service with statewide circulation and on an internet site sponsored by either the City or a statewide association that represents the City. Posting shall be not less than thirteen clear days nor more than forty-five days prior to January 9, 2024, which is hereby fixed as the date for receiving bids. The bids are to be filed prior to 10:30 A.M., on such date.

The City Council hereby delegates to the City Manager or his designee the duty of receiving, opening and tabulating bids for construction of the Project. Bids shall be received and opened as provided in the public notice and the results of the bids shall be considered at the meeting of this Council on January 16, 2024, at 5:30 P.M.

BE IT FURTHER RESOLVED, that the City Clerk be and is hereby directed to publish notice of hearing once in a legal newspaper, printed wholly in the English language, published at least once weekly and having general circulation in this City. Publication shall be not less than four clear days nor more than twenty days prior to the date hereinafter fixed as the date for a public hearing on the plans, specifications, form of contract and estimate of costs for the project, the hearing to be at 5:30 P.M. on January 16, 2024.

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk

NOTICE TO BIDDERS AND NOTICE OF PUBLIC HEARING

2024 PCC RECONSTRUCTION PROGRAM – NW WESTWOOD STREET CITY OF ANKENY, IOWA PUBLIC IMPROVEMENT PROJECT

Public Hearing on Proposed Contract Documents and Estimated Cost for Improvement

Notice is hereby given that a public hearing will be held by the **City of Ankeny, Iowa** on the proposed Contract Documents (plans, specifications, and form of contract), and estimated cost for the **2024 PCC Reconstruction Program – NW Westwood Street** project at its meeting at **5:30 P.M. on the 16th day of January, 2024**, in the City Council Chambers, Ankeny Kirkendall Public Library, 1250 SW District Drive, Ankeny, Iowa, 50023.

City of Ankeny City Council meetings are open for the public to attend in person. City Council meetings are also conducted virtually and interested persons may attend the meeting virtually by the following methods:

1. Join Meeting Electronically:
<https://zoom.us/j/97312992966?pwd=OEFocWZGS0NYUmtNcWZFak9PdZ09>
Meeting ID: 973 1299 2966 Passcode: 1234
2. Join Meeting by Phone:
Dial: +1 312 626 6799
Meeting ID: 973 1299 2966 Passcode: 1234

Time and Place for Filing Sealed Proposals

Sealed proposals for the work comprising the improvement as stated below must be filed before **10:30 A.M.** according to the clock in the Ankeny Public Services Building, 1210 NW Prairie Ridge Drive, Ankeny, Iowa, 50023 on the **9th day of January, 2024**, at the reception desk in said Ankeny Public Services Building. Proposals received after the deadline for submission of bids as stated herein shall not be considered and shall be returned to the late bidder unopened.

Time and Place Sealed Proposals Will be Opened and Considered

Sealed proposals will be opened and bids tabulated at **10:30 A.M. on the 9th day of January, 2024**, in said Ankeny Public Services Building. Proposals will be considered by the City of Ankeny City Council at its meeting at **5:30 P.M. on the 16th day of January, 2024**, in said City Council Chambers. The City Council may award a Contract at said meeting, or at such other time and place as shall then be announced.

Commencement of Work

Work on the improvement shall be commenced any time after a written Notice to Proceed is issued, **no earlier than May 28, 2024 and no later than June 17, 2024**, and shall be completed as stated below. The Notice to Proceed will be issued after the preconstruction conference, which is expected to occur in spring 2024.

Contract Documents

An electronic copy of the Contract Documents is available at www.ankenyiowa.gov/bid-documents for no cost. Project information, estimated total cost, and planholder information is available for no cost at the same link. Downloads of the Contract Documents require the user to register for a free membership at www.QuestCDN.com.

Paper copies of the Contract Documents are available from the City of Ankeny Public Services Building, 1210 NW Prairie Ridge Drive, Ankeny, Iowa, 50023. The initial set is free of charge to prospective bidders, i.e. qualified general contractors. A fee of Fifty Dollars (\$50.00) per set will apply to additional sets and to bidding documents requested by other than prospective bidders. This fee is refundable, provided the following conditions are met: (1) The Contract Documents are returned complete and in a good usable condition. (2) They are returned within fourteen (14) calendar days after the award of the project. An individual must call 515-963-3520 in advance to reserve a paper copy.

Preference of Products and Labor

By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa.

In accordance with Iowa statutes, a resident bidder shall be allowed a preference as against a nonresident bidder from a state or foreign country if that state or foreign country gives or requires any preference to bidders from that state or foreign country, including but not limited to any preference to bidders, the imposition of any type of labor force preference, or any other form of preferential treatment to bidders or laborers from that state or foreign country. The preference allowed shall be equal to the preference given or required by the state or foreign country in which the nonresident bidder is a resident. In the instance of a resident labor force preference, a nonresident bidder shall apply the same resident labor force preference to a public improvement in this state as would be required in the construction of a public improvement by the state or foreign country in which the nonresident bidder is a resident.

General Nature of the Public Improvement

2024 PCC RECONSTRUCTION PROGRAM – NW WESTWOOD STREET

The 2024 PCC Reconstruction Program – NW Westwood Street project includes pavement reconstruction and minor utility improvements along NW Westwood Street from just north of NW 5th Street to just south of NW 9th Street in the City of Ankeny.

The construction improvements include the slip-form paving of approximately 3,600 SY of 7” thick PCC Class C-SUD street pavement and 550 SY of 6” thick PCC Class C residential driveways. Other associated improvements include Class 10 excavation, subgrade preparation, modified subbase placement, subdrain installation, removal and replacement of storm sewer structures, minor adjustments to existing storm sewer structures, temporary surface restoration, compost amendment of existing topsoil, permanent surface restoration, temporary traffic control, mobilization, and miscellaneous associated work necessary to complete the project.

Bid Security

Each Bidder shall accompany its bid with bid security as defined in Iowa Code Section 26.8, as security that the successful Bidder will enter into a Contract for the work bid upon and will furnish after the award of Contract a corporate Surety Bond, in a form acceptable to the City of Ankeny, for the faithful performance of the Contract, in an amount equal to one hundred percent (100%) of the amount of the Contract. The Bidder's security shall be in the amount fixed in the Instructions to Bidders and shall be in the form of a cashier's check or a certified check drawn on an FDIC insured bank in Iowa or on an FDIC insured bank chartered under the laws of the United States; or a certified share draft drawn on a credit union in Iowa or chartered under the laws of the United States; or a Bid Bond on the form provided in the Contract Documents with corporate Surety satisfactory to the City of Ankeny. The bid shall contain no condition except as provided in the specifications.

The City of Ankeny reserves the right to defer acceptance of any bid for a period of thirty (30) calendar days after receipt of bids and no bid may be withdrawn during this period.

Performance, Payment, and Maintenance Bond

Each successful Bidder will be required to furnish a corporate Surety Bond in an amount equal to one hundred percent (100%) of its Contract price. Said Bond shall be issued by a responsible Surety approved by the City of Ankeny and shall guarantee the faithful performance of the Contract and the terms and conditions therein contained and shall guarantee the prompt payment of all material and labor, and protect and save harmless the City of Ankeny from claims and damages of any kind caused by the operations of the Contract and shall also guarantee the maintenance of the improvement caused by failures in materials and construction for a period of **four (4)** years from and after acceptance of the Contract.

Title VI Compliance

The City of Ankeny, Iowa, in accordance with the provisions of Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the Department of Transportation issued pursuant to such Act, hereby notifies all bidders that it will affirmatively insure that any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Payment

Payments will be made on the basis of estimates prepared by the Contractor and approved by the Engineer, solely for the purpose of payment; approval by the Engineer, or the City Council, shall not be deemed as approval or acceptance of the workmanship or materials. The Contractor will be compensated for 95% of the work completed during a payment period, with the remaining 5% being retained in accordance with the Iowa Code. Regular payments approved by the Engineer will be made following the next scheduled City Council meeting. The retainage payment will be released thirty-one (31) days following acceptance of the project by the City of Ankeny as per provisions in the Iowa Code.

Sales Tax Exemption

The City of Ankeny will issue a sales tax exemption certificate to the Contractor for all material purchased for incorporation into the project. Sales tax exemption certificates are applicable only for the specific project for which the sales tax exemption certificate is issued.

Completion of Work

The Contractor shall substantially complete the overall project within **fifty (50) working days**. Substantial completion for the overall project shall be defined as all utility, grading, and pavement construction completed; compost amendment completed; and the new street and driveways fully open to traffic. **A mandatory six-day work week is not required; however, working days will be charged on Saturdays if the Contractor elects to perform bid item work.** Should the Contractor fail to substantially complete the work in this timeframe, liquidated damages of **One Thousand Dollars (\$1,000.00) per calendar day** will be assessed for work not substantially completed within the designated Contract term(s).

The Contractor shall fully complete the overall project within **ten (10) working days** after the punch list has been provided to the Contractor following substantial completion of the overall project. Full completion for the overall project shall be defined as all work including permanent surface restoration and punch list items completed, and all improvements ready for final acceptance. Should the Contractor fail to fully complete the work in this timeframe, liquidated damages of **Five Hundred Dollars (\$500.00) per calendar day** will be assessed for work not fully completed within the designated Contract term(s).

The City of Ankeny does hereby reserve the right to reject any or all bids, to waive informalities, and to enter into such contract, or contracts, as it shall deem to be in the best interest of the City.

This Notice is given by authority of the City Council of the City of Ankeny, Iowa.

Dated at Ankeny, Iowa, this **18th day of December, 2023.**

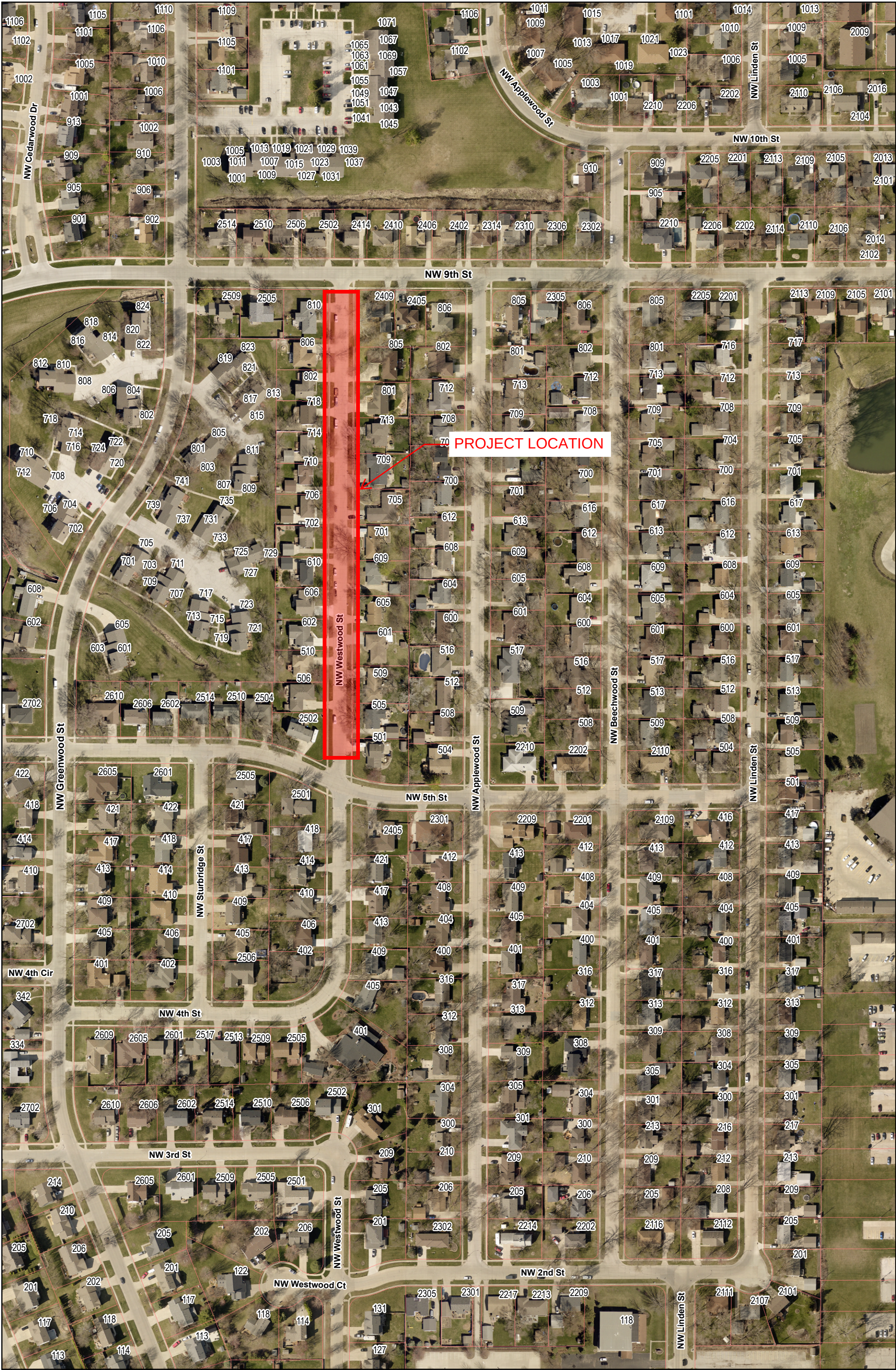
Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

Posted to the Iowa League of Cities and the Master Builders of Iowa websites the **20th day of December, 2023.**

Published in the Des Moines Register the **29th day of December, 2023.**





ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Exercise Financial Discipline

ACTION REQUESTED:
Motion

LEGAL:
No Review Required

SUBJECT:
Consider motion to set public hearing on an Amendment of Current City Budget for Fiscal Year July 1, 2023 - June 30, 2024 and direct City Clerk to publish notice of such hearing (date of hrg: 01/02/24 @ 5:30 p.m.).

EXECUTIVE SUMMARY:
Public works expenditures are being amended to include the estimated cost of the special census. It was originally anticipated that these costs would occur in FY 2025, but the U.S. Census Bureau has requested payment in advance for the work to be scheduled in CY 2024.

FISCAL IMPACT: **Yes**
Overall, the budget amendment includes the use of an additional \$1,400,000 in Road Use Tax Funds.

CITY MANAGER'S RECOMMENDATIONS:
Recommend setting a public hearing on the proposed amendment of current city budget for fiscal year July 1, 2023 - June 30, 2024.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

Notice of public hearing will be published in the Des Moines Register on December 21, 2023.

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Notice of Public Hearing

NOTICE OF PUBLIC HEARING - AMENDMENT OF CURRENT BUDGET				
City of ANKENY				
Fiscal Year July 1, 2023 - June 30, 2024				
The City of ANKENY will conduct a public hearing for the purpose of amending the current budget for fiscal year ending June 30, 2024				
Meeting Date/Time: 1/2/2024 05:30 PM		Contact: Jennifer Sease		Phone: (515) 965-6400
Meeting Location: Ankeny Kirkendall Public Library - Council Chambers				
There will be no increase in taxes. Any residents or taxpayers will be heard for or against the proposed amendment at the time and place specified above. A detailed statement of: additional receipts, cash balances on hand at the close of the preceding fiscal year, and proposed disbursements, both past and anticipated, will be available at the hearing. Budget amendments are subject to protest. If protest petition requirements are met, the State Appeal Board will hold a local hearing. For more information, consult https://dom.iowa.gov/local-gov-appeals .				
REVENUES & OTHER FINANCING SOURCES		Total Budget as Certified or Last Amended	Current Amendment	Total Budget After Current Amendment
Taxes Levied on Property	1	47,164,752	0	47,164,752
Less: Uncollected Delinquent Taxes - Levy Year	2	0	0	0
Net Current Property Tax	3	47,164,752	0	47,164,752
Delinquent Property Tax Revenue	4	0	0	0
TIF Revenues	5	10,338,833	0	10,338,833
Other City Taxes	6	3,955,747	0	3,955,747
Licenses & Permits	7	1,798,500	0	1,798,500
Use of Money & Property	8	3,761,559	0	3,761,559
Intergovernmental	9	16,781,187	0	16,781,187
Charges for Service	10	47,889,146	0	47,889,146
Special Assessments	11	0	0	0
Miscellaneous	12	3,860,663	0	3,860,663
Other Financing Sources	13	23,220,000	0	23,220,000
Transfers In	14	13,912,453	0	13,912,453
Total Revenues & Other Sources	15	172,682,840	0	172,682,840
EXPENDITURES & OTHER FINANCING USES				
Public Safety	16	29,943,122	0	29,943,122
Public Works	17	9,048,510	1,400,000	10,448,510
Health and Social Services	18	0	0	0
Culture and Recreation	19	11,087,567	0	11,087,567
Community and Economic Development	20	5,472,145	0	5,472,145
General Government	21	5,528,849	0	5,528,849
Debt Service	22	25,028,489	0	25,028,489
Capital Projects	23	30,775,398	0	30,775,398
Total Government Activities Expenditures	24	116,884,080	1,400,000	118,284,080
Business Type/Enterprise	25	64,160,415	0	64,160,415
Total Gov Activities & Business Expenditures	26	181,044,495	1,400,000	182,444,495
Transfers Out	27	13,912,453	0	13,912,453
Total Expenditures/Transfers Out	28	194,956,948	1,400,000	196,356,948
Excess Revenues & Other Sources Over (Under) Expenditures/Transfers Out	29	-22,274,108	-1,400,000	-23,674,108
Beginning Fund Balance July 1, 2023	30	126,955,211	15,686,434	142,641,645
Ending Fund Balance June 30, 2024	31	104,681,103	14,286,434	118,967,537
Explanation of Changes: Public works expenditures are being amended to include the estimated cost of the special census. It was originally anticipated that these costs would occur in FY 2025, but the U.S. Census Bureau has requested payment in advance for the work to be scheduled in CY 2024.				



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

Police

COUNCIL GOAL:

Deliver Exceptional Service

ACTION REQUESTED:

Motion

LEGAL:

Item Reviewed by Legal Counsel

SUBJECT:

Consider motion authorizing the Ankeny Police Department to enter into an agreement with agencies throughout the Des Moines / Polk County metropolitan area to establish common understandings of responsibility and define the purpose, policy, and procedures for Polk County Iowa Metropolitan OWI Blood Draw Policy.

EXECUTIVE SUMMARY:

The primary purpose of this MOU is to establish common understandings of responsibility and define the purpose, policy, and procedures to facilitate the acquisition of blood samples in connection with official law enforcement investigations designed to further prosecution of subjects operating while impaired on various substances in the State of Iowa.

Each law enforcement agency shall establish their own policy and procedures related to OWI enforcement and investigation. This MOU will serve only in furtherance of the actual acquisition of the blood draw and this MOU has no effect on other components of any investigation by any agency.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

Approve the item as presented, authorizing the Chief of Police to execute the MOU.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 MOU

POLK COUNTY IOWA METROPOLITAN OWI BLOOD DRAW POLICY
MEMORANDUM OF UNDERSTANDING (MOU)

WHEREAS, under some circumstances, law enforcement officers / agencies throughout the Des Moines / Polk County metropolitan area may encounter drivers involved in Operating While Intoxicated (OWI) offenses in violation of State of Iowa Code, and

WHEREAS, under specific circumstances, law enforcement agencies may require the drawing of a blood sample to assist in furthering the prosecution of drivers involved with OWI offenses, and

WHEREAS, the law enforcement officer / agency have secured valid consent from the driver to provide a blood sample, or the law enforcement officer / agency have secured a valid search warrant commanding the production of the blood sample, and

WHEREAS, the healthcare (hospital) systems located within Polk County have agreed to this MOU related to the drawing of blood from an OWI offender for the purposes of furthering prosecution of such offenders, and

WHEREAS, the intent of this MOU is to establish common understandings of responsibility and define the purpose, policy, and procedures for securing of blood for sampling related to the OWI offenses for prosecution purposes.

THEREFORE, this memorandum of understanding establishes a multi-agency OWI blood draw MOU between and among the Ankeny Police Department, Altoona Police Department, Carlisle Police Department, Clive Police Department, Dallas County Sheriff's Office, Des Moines Police Department, Iowa State Patrol, Iowa State Fair Police Department, Johnston Police Department, Mitchellville Police Department, Norwalk Police Department, Pleasant Hill Police Department, Polk City Police Department, Polk County Sheriff's Office, Urbandale Police Department, Waukee Police Department, West Des Moines Police Department, Windsor Heights Police Department.

For the purpose of this agreement, the following definitions will apply:

- Blood Draw – A sample of blood taken from an individual for testing related to substances causing impairment.
- Consent – Valid consent exists when the subject of the investigation is willingly and voluntarily offering to cooperate and provide a blood sample. Consent may be written and / or verbal.
- Health System – A hospital, healthcare system, medical facility operated by one of the three health care systems listed in this MOU. Health systems include the main campus (i.e., Methodist, Mercy Downtown) as well as satellite facilities (Lutheran, Methodist West, Mercy West).
- OWI – Operating While Intoxicated. May be used interchangeably with Driving Under the Influence (DUI), Operating Under the Influence (OUI), Driving While Impaired (DWI).
- Patient – A subject who is a registered patient of a health system for the purpose of obtaining medical care beyond the actual blood draw itself.
- Warrant – A valid search warrant signed by a judge or magistrate commanding the production of a blood sample.

Purpose: The primary purpose of this MOU is to facilitate the acquisition of blood samples in connection with official law enforcement investigations designed to further prosecution of subjects operating while impaired on various substances in the State of Iowa.

Policy: Each law enforcement agency shall establish their own policy and procedures related to OWI enforcement and investigation. This MOU will serve only in furtherance of the actual acquisition of the blood draw and this MOU has no effect on other components of any investigation by any agency.

1. Once consent, a warrant, a certification pursuant to Iowa Code 321J.7, have been secured, :or legally sufficient exigency has been identified:

- a. **Ambulatory (Walking/Talking/Mobile) Subjects:** If the subject is ambulatory and not being transported to a hospital for care, law enforcement will normally transport the subject to **Broadlawns Medical Center**, located at 1801 Hickman Road, Des Moines, Iowa and request the blood draw. In cases where Broadlawns is not available or impractical, UnityPoint or MercyOne may be used as a secondary resource, although every effort should be made to utilize Broadlawns as the primary site for ambulatory subjects.

1. Law enforcement will escort the subject into the Emergency Department and request the blood draw. The subject will be under the control of the arresting officer(s) throughout the entirety of any visit to a hospital. Arresting officer(s) shall take reasonable steps to ensure the safety and security of the suspect and hospital staff.
2. If legally able, law enforcement will provide access to the signed search warrant, upon request from the hospital staff, via paper or electronic means. If the warrant is sealed by a Judge, the officers will inform the hospital staff of such status and why the warrant cannot be shared.
3. Hospital staff will be given a blood draw kit by the officer. Hospital staff will obtain the blood sample from the subject, and then utilize the blood tube provided in the kit to secure the sample.
4. The arresting officer will obtain the name of the subject pulling the blood sample and list this person in the body of their written report.
5. Once the sample is secured, the arresting officer will retain custody of the sample and follow their agency protocol for submission of the sample for laboratory testing.

- b. **Patient (Not Ambulatory)**: If the subject is not ambulatory and is a registered patient of a health system, the following procedure will be followed:
1. If legally able, law enforcement will provide access to the signed search warrant, upon request from the hospital staff, via paper or electronic means. If the warrant is sealed by a Judge, the officers will inform the hospital staff of such status and why the warrant cannot be shared.
 2. Hospital staff will be given a blood draw kit by the officer. Hospital staff will obtain the blood sample from the subject, and then utilize the blood tube provided in the kit to secure the sample.
 3. The arresting officer will obtain the name of the subject pulling the blood sample and list this person in the body of their written report.
 4. Once the sample is secured, the arresting officer will retain custody of the sample and follow their agency protocol for submission of the sample for laboratory testing.
2. Once the sample has been secured, the arresting officer shall follow their agency protocols for marking/labeling, handling, transporting, and submission of the sample to the appropriate law enforcement lab for testing. Health systems will not be responsible for testing or custody of the sample.

3. In any case where a subject remains in custody and requests their own, independent test as allowed by law, the arresting officer will facilitate transportation to a health system for such testing. The testing, cost of testing, and logistics of testing are the responsibility of the subject in collaboration with the health system. These incidents do not require a warrant or consent. This is an independent patient-health system relationship and law enforcement is simply present due to the status of in-custody of the subject. Law enforcement will take reasonable steps to maintain the safety and security of the subject, hospital staff, and law enforcement present.
4. As outlined in Iowa Code 321J.10(9), medical personnel who use reasonable care and accepted medical practices in withdrawing blood specimens are immune from liability for their actions in complying with requests made of them pursuant to search warrants or pursuant to section 321J.11.

With our signatures below, we hereby enter into this memorandum of agreement.

Chief Darius Potts
Ankeny Police Department

Date

Chief Greg Stallman
Altoona Police Department

Date

Chief Matt Koch
Carlisle Police Department

Date

Chief Mike Venema
Clive Police Department

Date

Sheriff Adam Infante
Dallas County Sheriff's Office

Date

Chief Dana Wingert
Des Moines Police Department

Date

Colonel Nathan Fulk
Iowa State Patrol

Date

Chief Randy Jones
Iowa State Fair Police Department

Date

Chief Craig Cutts
Iowa Department of Natural Resources

Date

Chief Dennis McDaniel
Johnston Police Department

Date

Chief Matthew Covey
Mitchellville Police Department

Date

Chief Greg Staples
Norwalk Police Department

Date

Chief Al Pizzano
Pleasant Hill Police Department

Date

Chief Jeremy Sieper
Polk City Police Department

Date

Sheriff Kevin Schneider
Polk County Sheriff's Office

Date

Chief Rob Johansen
Urbandale Police Department

Date

Chief Chad McCluskey
Waukee Police Department

Date

Chief Chris Scott
West Des Moines Police Department

Date

Chief Pete Roth
Windsor Heights Police Department

Date



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

Finance

COUNCIL GOAL:

Exercise Financial Discipline

ACTION REQUESTED:

Motion

LEGAL:

Item Reviewed by Legal Counsel

SUBJECT:

Consider motion to approve the fuel supply services contract with Key Cooperative of Roland, Iowa, and authorize the Mayor to sign Letter of Agreement.

EXECUTIVE SUMMARY:

On November 6, 2023, the Finance Department issued a request for proposal (RFP) to five vendors for fuel supply services at all municipal facilities (fuel station, fuel trailers and generators). Bids were received from two of the five vendors. The City's current vendor Chevron Renewable Energy Group, formerly Keck Energy, did not submit a bid proposal.

An inquiry was also made to the State of Iowa to obtain a quote through their existing regional contract. It was determined that Agriland FS could provide all fuel types at the IDOT average daily fuel price, plus a \$0.04 markup. The bids received from the City's RFP process included optional items such remote fuel monitoring, bi-annual fuel testing and bi-annual pour point testing. It was determined that these additional services have a value greater than the \$0.01 difference between the Agriland FS and Key Cooperative bids. Additionally, Agriland FS was not able to provide guaranteed pricing for diesel additive used during the winter months.

Based on the RFP results, which are shown in the following tables, it is being recommended that the contract be awarded to Key Cooperative.

Key Cooperative	Bid Margin +/- IDOT Average Daily Fuel Price
87E10 Gasohol	+\$0.05
Unleaded 87	+\$0.05
#1 Diesel	+\$0.05
#2 Diesel	+\$0.05
Deliveries less than 1,000 gallons	+\$0.16
Diesel additive during winter months	+\$0.04

New Century FS	Bid Margin +/- IDOT Average Daily Fuel Price
87E10 Gasohol	+\$0.08
Unleaded 87	+\$0.08
#1 Diesel	+\$0.14
#2 Diesel	+\$0.14

The fuel supply services contract will be for three years, January 1, 2024 through December 31, 2026, with the option to renew for up to one additional three-year time period by mutual agreement.

FISCAL IMPACT: Yes

The FY 2024 budget for fuel is \$1,147,000, of which, \$507,000 is charged to the Ankeny Community School District.

CITY MANAGER'S RECOMMENDATIONS:

Recommend approving the fuel supply services contract with Key Cooperative of Roland, Iowa, and authorize the Mayor to sign Letter of Agreement.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Letter of Agreement
 Fuel Supply Services RFP



LETTER OF AGREEMENT FOR FUEL SUPPLY SERVICES

This Agreement is to be effective on the 1st day of January, 2024, by and between Key Cooperative, hereinafter called “the Contractor” and the City of Ankeny, Iowa, hereinafter called “the City”.

The Contractor and the City, in consideration of the mutual covenants, promises and agreements herein contained, agree as follows:

Scope of Work: The Contractor shall provide to the City the services set forth in the contract documents consisting of providing fuel supply services, which are located at various municipal facilities in Ankeny.

Term of Contract:

- The term of the contract is three (3) years, January 1, 2024 through December 31, 2026.
- Pricing will remain unchanged through December 31, 2026.
- The City and the Contractor may renew the original contract for one (1) additional three-year time period by mutual agreement.

Contract Documents: The Agreement consists of the following contract documents, which by this reference are incorporated herein:

- A. This signed Letter of Agreement;
- B. The Request for Bid document Fuel Supply Services, dated November 6, 2023;
- C. The bid submitted by the Contractor (signed by Scott Richardson), dated November 20, 2023

If, at any time, the City determines it is in its best interest to discontinue use of this service, the City reserves the right to cancel this Agreement by giving 30 days advance written notice. Notwithstanding the preceding, the City may terminate this Agreement immediately for cause, including but not limited to performance issues, Contractor theft, or any other matter the City deems a public health or safety concern, upon written notice delivered to the Contractor.

This Agreement contains the entire agreement and understanding by and between the parties with respect to the subject matter hereof, and no representations, promises, agreements, or understandings, written or oral, not herein contained shall be of any force or effect. No change or modification hereof shall be valid or binding unless the same is in writing and signed by the party against whom such waiver is sought to be enforced. In the event of a conflict between this Letter of Agreement and any other Contract Document, this Letter of Agreement shall control.

City of Ankeny, Iowa

By: Mark Holm, Mayor

Date

Key Cooperative

By: Key Cooperative Representative

Date



Request for Proposal Fuel Supply Services City of Ankeny, Iowa

You are invited to submit a proposal for fuel supply services, as requested by the City of Ankeny Finance Department.

Name of the Proposal	Fuel Supply Services
Date of Issuance	November 6, 2023
Deadline for Proposal Submittal	November 20, 2023 before 3:00 p.m.
Proposal Shall Be Submitted To	City of Ankeny Finance Department 410 West 1 st Street Ankeny, IA 50023-1557
Method of Submittal	Mail Delivery or In Person Emailed or Faxed Bids are Not Acceptable
Contact Person, Title Email Address	Austin Demers, Purchasing Coordinator ademers@ankenyiowa.gov
Phone Number	(515) 965-6401
Documents Enclosed	Request for Proposal Service Locations – Attachment A – Addendum #1 Bid Submittal Forms – Attachment B

The ONLY official position of the City is that position which is stated in writing and issued by the Finance Department. No other means of communication, whether written or oral, shall be construed as a formal or official response statement.

No bids will be considered which have not been received by the deadline set forth. The City is not responsible for delays occasioned by the U.S. Postal Service, the internal mail delivery system of the City or any other means of delivery employed by the Bidder.

Overview

Proposals are being accepted from qualified vendors for providing fuel to City of Ankeny facilities. The City utilizes 87E10 gasohol, unleaded and diesel fuel.

Additional servicing information:

- All transport delivery trucks must only haul fuel (no other petroleum biproducts)
- All diesel loads must be treated with Dieselelex Gold additive during winter months (estimated November - March)
- Remote fuel monitoring – **optional**

- Bi-Annual fuel testing performed by a state-certified lab; Cloud and Pour point testing – testing of moisture, bioconcentration, and particulate matter - **optional**

Definitions

- 87E10 Gasohol – 87 octane gasohol fuel with 10% ethanol.
- Unleaded 87 – 87 octane gasohol fuel.
- #1 Diesel – #1 ultra-low sulfur, no soy diesel that meets or exceeds ASTM D975 standard
- #2 Diesel – #2 ultra-low sulfur, no soy diesel with red dye that meets or exceeds ASTM D975 standards
- Transport Delivery – full transport carrier capacity load of fuel consisting of any split quantity of 87E10 gasohol and diesel fuels totaling 8,000 gallons.
- Rack Pricing – price for fuels based on the Iowa Department of Transportation (IDOT) Average Daily Fuel Prices (<http://iowadot.gov/purchasing/>).

Bid Instructions and Clarifications

- Proposal shall be good for 120 days. Bid tabulation will be available for review upon recommendation for award.
- Bid pricing will be noted as a bid margin +/- IDOT average daily fuel prices on the provided bid form (Attachment B). The contractor's overhead costs, profit and delivery costs shall be included in the bid margin. The bid margin shall be FOB destination.
- Surcharges (i.e. fuel surcharges, environment charges, service charges, etc.) will not be allowed to be added to invoices as an additional line item.
- Bid prices should NOT include Federal and State taxes. These required taxes should be shown separate upon final invoicing. The City is tax exempt and receives a refund for State of Iowa Motor Vehicle Fuel Taxes.
- The City qualifies for the Sourcewell and U.S. Communities cooperative purchasing programs. Please indicate any such pricing as well as any required conditions.
- City service locations are listed on Attachment A – Addendum #1. Itemized bid forms are found within Attachment B.
- Locations and services may be added or deleted during the term of the contract.
- Include provided Signature Page with your Bid Submittal Forms. Proposals which are not signed and dated by an authorized representative will not be accepted.
- A Certificate of Insurance should be included with your bid. Insurance requirements are listed on page 4.

Award Criteria

All proposals will be evaluated based on the contractor's adherence to the specifications, proposed start date, pricing structure, references and certificate of insurance. The City evaluation team may arrange meetings with representatives of the companies whose proposals are deemed to be within the competitive range. The purpose shall be the clarification of any aspect of the proposal that is deemed to have a material bearing on arriving at a fair determination of which proposal offers the best overall value. The City reserves the right to reject any or all bids and to waive any informality or irregularity in any bid received.

Terms of Contract

The term of the contract shall be for three (3) years, anticipated to be January 1, 2024 through December 31, 2026. The City and the contractor may renew the original contract for one (1) additional three-year time period by mutual agreement.

No price escalation will be allowed during the initial term of the contract. If it is mutually decided to renew beyond the initial period and the contractor requests a price increase, the contractor shall provide sufficient written documentation to substantiate the request. The City reserves the right to accept or reject prices increases, to negotiate more favorable terms or to terminate without cost, the future performance of the contract.

Submitted Proposal to Include the Following Items:

- **Completed Attachment B – Bid Submittal Forms**
- **Brief overview of firm, identification of key personnel, experience and objective**
- **Certificate of Insurance**
- **Provide three (3) copies of the above**

INSURANCE INFORMATION – CITY OF ANKENY

INSURANCE REQUIREMENTS

For PRODUCTS or SERVICES requiring Contractor's presence on any City property, the Contractor shall, during the term of this Agreement and until completion thereof, provide and maintain the coverage set forth in this INSURANCE SECTION.

Workers Compensation Insurance: The Contractor shall carry and maintain during the term of this contract, workers compensation and employers liability insurance meeting the requirements of the Iowa Workers Compensation Law on all the Contractor's employees carrying out the work involved in this contract.

General Liability Insurance: The Contractor shall carry and maintain during the term of this contract, general liability insurance on a per occurrence basis with limits of liability not less than \$2,000,000 per occurrence for Bodily Injury and Property Damage. As a minimum, coverage for Premises, Operations, Products and Completed Operations shall be included. This coverage shall protect the public or any person from injury or property damages sustained by reason of the Contractor or its employees carrying out the work involved in this contract.

Automobile Liability Insurance: The Contractor shall carry and maintain during the term of this contract, automobile liability insurance with either a combined limit of at least \$2,000,000 per occurrence for bodily injury and property damage or split limits of at least \$2,000,000 for bodily injury per person per accident and \$2,000,000 for property damage per occurrence. Coverage shall include all owned, hired, and non-owned motor vehicles used in the performance of this contract by the Contractor or its employees.

Umbrella: The Contractor shall carry and maintain during the term of this contract, umbrella coverage with at least \$1,000,000 limit. Umbrella coverage can also be used to satisfy the required General Liability and Automobile limits.

Subcontractors: In the case of any work sublet, the Contractor shall require subcontractors and independent contractors working under the direction of either the Contractor or a subcontractor to carry and maintain the same workers compensation and liability insurance required of the Contractor.

Qualifying Insurance: The insurance required by this contract shall be written by non-assessable insurance companies licensed to do business in the State of Iowa and currently rated "A" or better by the A.M. Best Company. All policies shall be written on a per occurrence basis and not a claim made form.

Additional Insured: The City of Ankeny, its officers and employees shall be named as additional insured without restrictions on the Contractor's, subcontractor's and independent contractor's liability insurance policies and certificates of insurance.

CERTIFICATE OF INSURANCE REQUIREMENTS

1. An original policy or **Certificate of Insurance** with an Original Penned Signature of the agent writing the policy or certificate must be submitted (Memorandums of Insurance and Stamped or Computer Generated Signatures will not be accepted).
2. The name of the agent signing the certificate must be typed under his/her Original Penned Signature as well as the business address and phone number of the agent.
3. All addresses on the certificate should list a street address (not a PO Box address).
4. *"The City of Ankeny, its officers and employees, shall be named as additional insured on the contractor's liability policies with regard to Fuel Supply Services"* must be specifically indicated on the certificate in the Description of Operations section.
5. A copy of a power of attorney or some other document showing the agent's authority to sign for the insurance company must be attached to the certificate (a copy of the agents' insurance license will be accepted).
6. The liability limits required by the City are \$2,000,000 (minimum). This must be occurrence form general liability coverage.
7. If the policy must be endorsed with respect to including the certificate holder as an additional insured, evidence must be attached to the certificate to indicate that the policy is endorsed.
8. The following address must appear in the Certificate Holder section: City of Ankeny, 410 West First Street, Ankeny IA 50023-1557.

GENERAL TERMS AND CONDITIONS OF SALE AND PURCHASE

1. The laws of the State of Iowa, U.S.A., shall govern in connection with the formation, performance and the legal enforcement of any purchase order placed.
2. The firm pricing stated on the bid and purchase order shall not be changed without the approval of the City of Ankeny Finance Department. If mutually agreed between Buyer and Seller, bid prices may be extended an additional twelve (12) months beyond the original expiration date.
3. Unless otherwise agreed between Buyer and Seller, the FOB point on any shipment to the City, in terms of loss or damage, is destination. The Seller must confirm that charges for freight will be included in the price of the goods at the time of the quote/bid.
4. The City is not obligated to keep nor pay for over shipments of products; neither is the City obligated to make payments on goods which are shipped in a lesser quantity than was originally ordered or shipped in partial quantities, particularly if not having a complete shipment precludes the City from performing its work.
5. Payment is authorized by the City Council on the first and third Mondays of the month.
6. The City shall deem to receive goods procured hereunder when such goods have been deposited at the City's assigned place of delivery and all bills of lading or other shipping papers which require signature by the City have been signed.
7. In spite of physical receipt, the City shall deem to accept goods procured hereunder only after actual inspection for conformity or the passage of ten (10) days from receipt, whichever occurs first.
8. Goods are subject to City inspection upon arrival. Goods rejected due to failure to meet specifications, either when shipped or due to defects or damage in transit may be returned for credit and are not to be replaced except with the approval of the City department placing the original order.
9. Any ensuing purchase order is an ACCEPTANCE of your OFFER as stated in your quote/bid. When a purchase order is ACCEPTED as an OFFER TO BUY, you must provide us with a written or verbal acknowledgement of a promised ship date and freight carrier, or advise us that merchandise has shipped or will ship on a particular time and date and the method of shipment.
10. In the event of supplier's failure to deliver when specifically promised and as agreed between Buyer and Seller in terms of quantity, quality, price and other requirements, the City reserves the right to cancel the purchase order, or any part thereof, without prejudice to its other rights. It is further agreed that the City may return all or part of any shipment so made and may charge Seller with any loss or expense as a result of such failure to deliver as promised.
11. The City of Ankeny, Iowa is exempt from sales tax and certain other use taxes. Taxes which appear on invoices and for which the City is not responsible will be deducted from invoices before payment is made, without penalty to the City. Exemption numbers are available from the City of Ankeny Finance Department.
12. The Seller agrees not to refuse to hire, discharge, promote, demote, or to otherwise discriminate in matters of compensation against any person otherwise qualified solely because of race, creed, sex, national origin, ancestry or physical disability.
13. Neither party to this contract may assign any portion of the agreement without prior written consent of the other party.
14. The supplier expressly warrants that all goods supplied hereunder shall be merchantable within the meaning of Article 2-314(2) of the Uniform Commercial Code in effect on the date of the quote/bid in the State of Iowa. Additionally, the goods shall conform to specifications, drawings, and other descriptions and shall be free from defects in materials and workmanship. All other applicable provisions and remedies of the Uniform Commercial Code relating to both implied and expressed warranties are herewith referred to and made part of these terms and conditions.
15. All parties to this bid and any ensuing purchase agree that the representatives of both Buyer and Seller are, in fact, bona fide and possess full authority to bind said parties.
16. All bid prices shall be shown in US Dollars (\$). All prices must remain firm for the duration of the contract regardless of the exchange rate. All bid responses must be submitted in English.
17. Each bidder shall submit an original bid on the forms attached. The bidder shall sign his/her bid correctly, and the bid may be rejected if it shows any omissions, alterations of the form, additions not called for in the bid, or any irregularities of any kind. The City reserves the right to reject any or all bids. The City further reserves the right to waive technicalities and formalities in bids, as well as to accept in whole or in part such bids where it is deemed advisable in protection of the best interests of the City.
18. In case of a discrepancy between the unit price and the extended price, the unit price shall prevail.
19. Upon request, the results of this bid must be extended to any other City of Ankeny departments.
20. The supplier agrees to protect, defend, indemnify and hold harmless the City of Ankeny and its officers and employees from any and all claims and damages of every kind and nature made, rendered or incurred by or in behalf of every person or corporation whatsoever, including the parties hereto and their employees that may arise, occur, or grow out of any acts, actions, work or other activity done by the supplier, its employees, subcontractors or any independent contractors working under the direction of either the supplier or subcontractor in the performance of this contract.
21. For PRODUCTS or SERVICES requiring successful Bidder's presence on any City property, the successful Bidder shall, during the term of this Agreement and until completion thereof, carry and maintain both Workers Compensation and General Liability Insurance. The successful Bidder shall furnish the City with a copy of the Declaration page (normally page one of your policy) of their insurance policy if requested by the City.
22. All documents submitted with any bid or proposal shall become public documents and subject to Iowa Code Chapter 22, which is otherwise known as the "Iowa Open Records Law". By submitting any document to the City of Ankeny in connection with a bid or proposal, the submitting party recognizes this and waives any claim against the City of Ankeny and any of its officers and employees relating to the release of any document or information submitted. Each submitting party shall hold the City of Ankeny and its officers and employees harmless from any claims arising from the release of any document or information made available to the City of Ankeny arising from any bid opportunity.

ATTACHMENT A
SERVICE LOCATIONS

Site Name	Address	# of Fuel Tanks	Fuel Capacity	Approximate Fuel Usage 07/01/22 – 06/30/23
Public Works Maintenance Facility Fuel Station	211 SE Lorenz Drive Ankeny, IA 50021	2	#2 Diesel: 15,000 gallons 87E10: 15,000 gallons	#2 Diesel: 207,500 gallons 87E10: 126,000 gallons
Park Maintenance Fuel Trailer	210 NW Ash Drive Ankeny, IA 50023	3	#1 Diesel: 190 gallons #2 Diesel: 190 gallons 87E10: 190 gallons	#1 Diesel: 362 gallons #2 Diesel: 361 gallons 87E10: 346 gallons
Prairie Ridge Sports Complex Fuel Trailer	1311 NW State Street Ankeny, IA 50023	3	#2 Diesel: 150 gallons #2 Diesel: 500 gallons 87E10: 150 gallons	#2 Diesel: 2,784 gallons 87E10: 1,232 gallons
Otter Creek Maintenance Fuel Trailer	4405 NE Delaware Avenue Ankeny, IA 50021	2	Diesel: 500 gallons Unleaded 87: 500 gallons	#2 Diesel: 361 gallons Unleaded 87: 1,717 gallons
ASR No. 2 Generator	3700 NE Otter Creek Drive Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
ASR No. 3 Generator	1102 SE Creekview Dr Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
Saylor Creek Lift Station Generator	940 SW Ankeny Road Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed
Irvinedale Pump Station Generator	NW Irvinedale Drive & NW 18 th Street Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed
Delaware Pump Station Generator	6384 NE 22 nd Street Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
Magazine Pump Station Generator	701 SE Magazine Road Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
Northwest Booster Station Generator	2055 NW Irvinedale Drive Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed

Fire Station No. 2 Generator	665 SE Oralabor Road Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
Fire Station No. 3 Generator	1360 NE 36 th Street Ankeny, IA 50021	1	#1 Diesel: 400 gallons	As needed
Police Department Generator	411 SW Ordinance Road Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed
Public Services Building Generator	1210 NW Prairie Ridge Drive Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed
Public Works Maintenance Facility Generator	211 SE Lorenz Drive Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed
City Hall Generator	410 W 1 st Street Ankeny, IA 50023	1	#1 Diesel: 400 gallons	As needed

ATTACHMENT B
BID SUBMITTAL FORMS

	PAGE
General Company Information	2
Fuel Pricing	3
Signature Page	4

General Company Information

Submitting Firm: _____

Address: _____

Name and title of person overseeing the City of Ankeny account:

Office Phone: _____ Mobile Phone: _____ Email: _____

Lists three current customers who have been served by your company within the last three years with projects of similar scope.

Reference #1 – Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Reference #2 – Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Reference #3 – Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Fuel Pricing

Product	Pricing Method	Delivery	Approximate Quantity (Gallons)	Bid Margin +/- IDOT Average Daily Fuel Prices	Total
87E10 Gasohol	Rack bid	Transport	15,000	_____	_____
Unleaded 87	Rack bid	Transport	15,000	_____	_____
#1 Diesel	Rack bid	Transport	15,000	_____	_____
#2 Diesel	Rack bid	Transport	15,000	_____	_____
Grand Total					_____

Remote Fuel Monitoring Services (Annual Cost) – optional

Fuel Testing (Bi-Annual Cost) - optional

Cloud & Pour Point Testing (Bi-Annual Cost) - optional

Signature Page

The undersigned bidder, having examined these documents and having full knowledge of the conditions under which the work described herein must be performed, hereby proposes that he/she agrees:

- To fulfill the obligations contained herein accordance with all instructions, terms, conditions and specifications set forth;
- To provide Certificate of Insurance with required endorsements and liability limits;
- To furnish all required products and services and pay all incidental costs in strict conformity with these documents for the stated prices as payment in full;
- To hold this bid open for 120 days after bid opening; and
- Accepted pricing shall remain firm for the duration of the initial term of contract – three (3) years.

Submitting Firm: _____

Address: _____

City: _____ State: _____ Zip: _____

Authorized Representative (print): _____ Title: _____

Authorized Signature: _____ Date: _____

E-mail: _____ Phone: _____ FEIN _____

PAYMENT METHOD

Do you accept EFT payments?

Yes ☐

No ☐

EXCEPTIONS/DEVIATIONS to this Request for Proposal shall be noted below. If adequate space is not provided, please use a separate sheet of paper. If your company has no exceptions or deviations, write "No Exceptions" in the space below.

ATTACHMENT B
BID SUBMITTAL FORMS

	PAGE
General Company Information	2
Fuel Pricing	3
Signature Page	4

General Company Information

Submitting Firm: Key Cooperative

Address: 13585 620th Ave. Roland, IA 50236

Name and title of person overseeing the City of Ankeny account:

Rick Kucera - Energy Sales Specialist

Office Phone: 515-388-4341 Mobile Phone: 641-780-1624 Email: rick.kucera@keycoop.com

Lists three current customers who have been served by your company within the last three years with projects of similar scope.

Reference #1 – Name: Manatts Inc.

Address: Brooklyn, IA

Contact Person & Phone: Paul Grove - Ames Shop Supervisor - 515-663-9948

Date & Description of Job: Annually purchased fuel over the last 3 years

Contract Value: 215,000 annual gals of fuel purchased through contract and spot loads

Reference #2 – Name: Con-Struct

Address: Ames, IA

Contact Person & Phone: Matt Duncan - Ames Shop Supervisor - 515-203-0118

Date & Description of Job: Annually purchased fuel over the last 3 years

Contract Value: 285,000 annual gals of fuel purchased through contract and spot loads

Reference #3 – Name: Jasper County Road Dept.

Address: Newton, IA

Contact Person & Phone: Scott Van Waardhuizen - Newton Shop Supervisor - 641-521-2017

Date & Description of Job: Annually purchased fuel over the last 2 years

Contract Value: 245,000 annual gals purchased through contract and spot loads

Fuel Pricing

Product	Pricing Method	Delivery	Approximate Quantity (Gallons)	Bid Margin +/- IDOT Average Daily Fuel Prices	Total
87E10 Gasohol	Rack bid	Transport	15,000	+ \$0.05	
Unleaded 87	Rack bid	Transport	15,000	+ \$0.05	
#1 Diesel	Rack bid	Transport	15,000	+ \$0.05	
#2 Diesel	Rack bid	Transport	15,000	+ \$0.05	
Grand Total					

Remote Fuel Monitoring Services (Annual Cost) – optional

Available at no additional cost

Fuel Testing (Bi-Annual Cost) - optional

Available at no additional cost

Cloud & Pour Point Testing (Bi-Annual Cost) - optional

Available at no additional cost

*Non-Transport Tank Delivery

All Products - Rack Bid - Tankwagon Delivery - Quantity 1000 gals or less - Bid Margin + \$0.16 IDOT Daily Avg. Price

Signature Page

The undersigned bidder, having examined these documents and having full knowledge of the conditions under which the work described herein must be performed, hereby proposes that he/she agrees:

- To fulfill the obligations contained herein accordance with all instructions, terms, conditions and specifications set forth;
- To provide Certificate of Insurance with required endorsements and liability limits;
- To furnish all required products and services and pay all incidental costs in strict conformity with these documents for the stated prices as payment in full;
- To hold this bid open for 120 days after bid opening; and
- Accepted pricing shall remain firm for the duration of the initial term of contract – three (3) years.

Submitting Firm: Key Cooperative

Address: 13585 620th Ave.

City: Roland State: Iowa Zip: 50236

Authorized Representative (print): Scott Richardson Title: Energy Division Mgr.

Authorized Signature: Scott Richardson Date: 11/20/2023

E-mail: scott.richardson@keycoop.com Phone: 515-388-8031 FEIN 42-0242395

PAYMENT METHOD

Do you accept EFT payments?

Yes ☒

No ☐

EXCEPTIONS/DEVIATIONS to this Request for Proposal shall be noted below. If adequate space is not provided, please use a separate sheet of paper. If your company has no exceptions or deviations, write "No Exceptions" in the space below.

Cenex Premium Diesel additive package adds an additional + \$0.04/gal. This can be requested by load ordered.



Key Cooperative is your essential business partner, committed to the success of our member-owners by delivering innovation, leadership and performance.

Our roots stretch back to 1918, when local farmers pooled their resources to purchase goods and services they needed to run their businesses, and to collectively market their grain. Today, cooperatives continue to do all of those things, but have evolved even further to become centers for innovation and knowledge sharing. At Key, serving our member-owners in whatever ways they find most helpful is at the core of everything we do. We believe strongly in the cooperative system, where profits are reinvested back into the cooperative or returned to our shareholders. There simply isn't a better business model for aligning the interests of customers—our member-owners—with those who provide the goods and services they need.

ENERGY AT KEY

When you think of farmer-owned cooperatives, energy might not be the first thing that comes to mind. But through our energy partnership with Cenex, we have made a major commitment to storage, transportation and energy delivery services for our member-owners, as well as local businesses, municipalities and residential propane customers. We know that dependable, prompt delivery is key when choosing a fuel supplier, and that safety is also a top priority. Tank leasing and purchasing options from Key Cooperative allow you to buy fuel when prices are favorable.

SUPPORTING OUR COMMUNITIES

We actively support the communities where we also live and work. At Key Cooperative, there is no higher priority than to be good neighbors and contributors to the communities we serve.

- Key offers a matching grant program for local non-profits. By partnering with the Land 'O Lakes Foundation, Key is able to double funds available for hometown projects. In 2020, Key provided over \$13,000 in support to area non-profits.
- Annually, Key grants over \$12,000 in scholarship awards to graduating high school seniors whose parent/guardian is a member or employee of Key Cooperative.
- Each summer, Key serves a free meal to all 4H and FFA participants and their families at seven county fairs across Iowa.



RICK KUCERA – CERTIFIED ENERGY SPECIALIST

Native Iowan, Rick Kucera, grew up Toledo and has now lived with his family in Baxter for 20 years. He's an active 4-H leader which leads to countless hours of time dedicated to his girls as they show club lambs. Rick brings over a decade of sales and customer service experience to his role at Key Cooperative. Customers & members of Key consider Rick their trusted advisor; delivering the technical knowledge and resources of energy products.



SCOTT RICHARDSON - ENERGY DIVISION MANAGER

Scott Richardson is the Energy Division Manager for Key Cooperative. Prior to being named division manager in 2017, Scott served the cooperative in many roles which include delivery, service and operations management. With more than 15 years of experience with both local and regional cooperatives, Scott is an expert of energy products, services and domestic markets. Scott values giving back to his community through the local Boy Scouts and having served 12 years as a volunteer for fire & EMS organizations in Central Iowa, including the community of Boone.



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Deliver Exceptional Service

ACTION REQUESTED:
Motion

LEGAL:
Item Reviewed by Legal Counsel

SUBJECT:
Consider a motion to adopt **RESOLUTION** authorizing the approval and acceptance of a warranty deed from TJL Investments, LLC and DNF, LLC for land associated with the development of Fire Station No. 4.

EXECUTIVE SUMMARY:
This item executes the purchase and transfer of 0.30 acres of property by warranty deed to the City of Ankeny from TJL Investments LLC, DNF, LLC. This property is adjacent to the 2.5 acre parcel the City Council authorized for purchase on July 18, 2022, depicted as Parcel 2022-1202. The initial purchase of 2.5 acres did not include this 0.30 acre parcel for acquisition, but should have. This additional Parcel is necessary for ROW dedication and development of the Fire Station No. 4 site plan. The additional 0.30 should be acquired at this time and a purchase price of \$4,900 has been negotiated between the parties.

FISCAL IMPACT: **Yes**
The acquisition of land for the Fire Station No. 4 project was previously included in the City Council approved Capital Improvement Program. This additional acquisition cost will be funded through the project budget (project #BLD-20-002) and there are sufficient funds for this item.

CITY MANAGER'S RECOMMENDATIONS:

The City Manager recommends approval of this item as presented.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

July 18, 2022 - Approval of 2.5 acre purchase agreement in the amount of \$230,000.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 Warranty Deed
 Plat of Survey

RESOLUTION 2023-

A RESOLUTION AUTHORIZING THE APPROVAL AND ACCEPTANCE OF A WARRANTY DEED FROM TJL INVESTMENTS, LLC, AND DNF, LLC FOR LAND ASSOCIATED WITH THE DEVELOPMENT OF FIRE STATION NO. 4

WHEREAS, the City Council on July 18, 2022 approved a Real Estate Purchase Agreement between the City of Ankeny, TJL Investments, LLC, and DNF, LLC ("Parties") for 2.5 acres of property for the future Fire Station No. 4 site; and

WHEREAS, the City paid \$230,000 for the property and actual closing costs incurred not to exceed \$20,000 to receive the 2.5 acres via warranty deed; and

WHEREAS, since that transaction, the Parties have identified an additional 0.30 acres of property, generally described as *Parcel 2022-1202 as shown on Plat of Survey recorded December 22, 2022, in Book 19359, Page 4446 of the Polk County Recorder's Office*, that should have been included in the original Purchase Agreement, and is now needed for future development of Fire Station No. 4; and

WHEREAS, the Parties have agreed through negotiation that the City may obtain Parcel 2022-1202 (0.30 acres) for the purchase price of \$4,900, which shall also be conveyed by warranty deed.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ankeny that:

1. The purchase of 0.30 acres, generally described as, Parcel 2022-1202 as shown on Plat of Survey recorded December 22, 2022, in Book 19359, Page 4446 of the Polk County Recorder's Office is hereby approved and accepted;
2. Payment to TJL Investments, LLC and DNF, LLC shall be made proportionate to their undivided interest in the property as 90% TJL Investments, LLC and 10% DNF, LLC, not to exceed a combined total of \$4,900; and
3. The Mayor and City Clerk are hereby authorized to execute any and all associated documentation necessary to complete the transaction.

PASSED AND APPROVED this 18th day of December, 2023

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk

**WARRANTY DEED
Recorder's Cover Sheet**

Preparer Information: Amy S. Beattie, 6701 Westown Parkway, Suite 100, West Des Moines, IA 50266, Phone: (515) 274-1450

Taxpayer Information: City of Ankeny, Iowa, 410 W. First Street, Ankeny, IA 50023

Return Document To: City of Ankeny, Iowa, 410 W. First Street, Ankeny, IA 50023

Grantors: TJL Investments, LLC and DNF, LLC

Grantees: City of Ankeny, Iowa

Legal Description: See Page 2

Document or instrument number of previously recorded documents:



WARRANTY DEED

For the consideration of Ten Dollar(s) and other valuable consideration, TJL Investments, LLC, a limited liability company organized and existing under the laws of Iowa, as to their undivided 90% interest and DNF, LLC, a limited liability company organized and existing under the laws of Iowa, as to their undivided 10% interest, do hereby Convey to City of Ankeny, Iowa, a municipal corporation, the following described real estate in Polk County, Iowa:

Parcel 2022-1202 as shown on Plat of Survey recorded December 22, 2022, in Book 19359, Page 446 of the Polk County Recorder's Office.

There is no known private burial site, well, solid waste disposal site, underground storage tank, hazardous waste, or private sewage disposal system on the property as described in Iowa Code Section 558.69, and therefore the transaction is exempt from the requirement to submit a groundwater hazard statement.

This deed is exempt according to Iowa Code 428A.2(6).

Grantors do Hereby Covenant with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is free and clear of all liens and encumbrances except as may be above stated; and grantors Covenant to Warrant and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

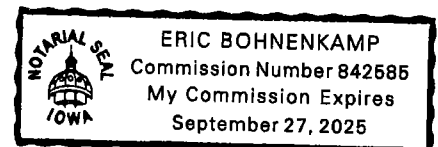
Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

Dated: 12/11/23

TJL Investments, LLC, an Iowa limited liability company

By 
Terry J. Lutz, Manager

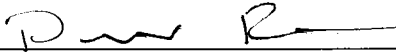
STATE OF IOWA, COUNTY OF POLK



This record was acknowledged before me on December 12, 2023, by Terry J. Lutz, as Manager, of TJL Investments, LLC a limited liability company.

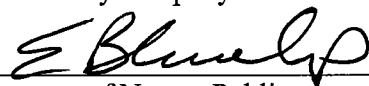
Dated: 12/11/23.

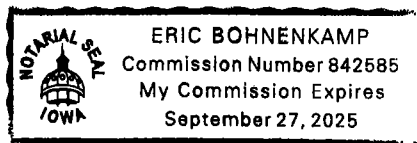
DNF, LLC, an Iowa limited liability company

By 
Dennis Folden, Manager

STATE OF IOWA, COUNTY OF POLK

This record was acknowledged before me on December 11, 2023,
by Dennis Folden, as Manager, of DNF, LLC a limited liability company.


Signature of Notary Public



Recorded: 12/22/2022 at 8:34:00.0 AM
County Recording Fee: \$7.00
Iowa E-Filing Fee: \$3.13
Combined Fee: \$10.13
Revenue Tax:
Polk County, Iowa
Julie M. Haggerty RECORDER
Number: 202200093088
BK: 19359 PG: 446

INDEX LEGEND

CITY: ANKENY
COUNTY: POLK
STR: SECTION 9, T80N, R24W
ALIQUOT PART: NW1/4 OF THE SW1/4
PROPRIETOR: DNF LLC & TJL INVESTMENTS LLC
REQUESTED BY: TERRY LUTZ
SURVEYOR: PATRICK SHELQUIST
COMPANY: MCCLURE
PREPARED BY & RETURN TO: PATRICK SHELQUIST
1360 NW 121ST STREET, STE A
CLIVE, IOWA 50325 / 515-964-1229

I hereby grant administrative approval for the Plat of Survey creating Parcels 2022-1202 and 2022-1203 for the sale or transfer of property only, with the condition that Parcels 2022-1202 and 2022-1203 be platted in compliance with City of Ankeny Subdivision Regulations prior to development.

CITY OF ANKENY

Eric Jensen,
Director, Community Development

ATTEST:

Brenda Fuglsang, Administrative Assistant

PLAT OF SURVEY ANKENY, IOWA

NE CORNER
NW1/4SW1/4
SEC. 9-80-24
FND 1/2" REBAR

SURVEYOR:

MCCLURE
1360 NW 121ST STREET, STE A
CLIVE, IA 50325
(515) 964-1229
PSHELQUIST@MCCLUREVISION.COM
ATTN: PATRICK SHELQUIST

APPLICANT:

TJL INVESTMENTS LLC & DNF LLC
1360 NW 121ST ST
CLIVE, IA 50325
PH: 515-249-9936
ATTN: TERRY LUTZ

AREA SUMMARY:

PARCEL 2022-1202
0.30 ACRE TOTAL
-0.25 ACRE ROAD EASE
0.05 ACRE NET

PARCEL 2022-1203
2.50 ACRES TOTAL

BASIS OF BEARING:

IOWA RCS - ZONE 8

LEGAL DESCRIPTION PARCEL 2022-1202

PARCEL 2022-1202 BEING A PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 80 NORTH, RANGE 24 WEST OF THE 5TH P.M., CITY OF ANKENY, POLK COUNTY, IOWA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9; THENCE S89°53'44"W, ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9, A DISTANCE OF 40.00 FEET; THENCE N00°12'48"E, 330.01 FEET; THENCE N89°53'44"E, 40.00 FEET TO THE EAST LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9; THENCE S00°12'48"W, ALONG SAID EAST LINE, 330.01 FEET, TO THE POINT OF BEGINNING.

DESCRIBED AREA CONTAINS 0.30 ACRE, WHICH INCLUDES 0.25 ACRE OF EXISTING ROAD RIGHT-OF-WAY EASEMENT.

LEGAL DESCRIPTION PARCEL 2022-1203

PARCEL 2022-1203 BEING A PART OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 9, TOWNSHIP 80 NORTH, RANGE 24 WEST OF THE 5TH P.M., CITY OF ANKENY, POLK COUNTY, IOWA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9; THENCE S89°53'44"W, ALONG THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9, A DISTANCE OF 40.00 FEET, TO THE POINT OF BEGINNING; THENCE N00°12'48"E, 330.01 FEET; THENCE S89°53'44"W, 330.01 FEET; THENCE S00°12'48"W, 330.01 FEET, TO THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 9; THENCE N89°53'44"E, ALONG SAID SOUTH LINE, 330.01 FEET, TO THE POINT OF BEGINNING.

DESCRIBED AREA CONTAINS 2.50 ACRES.

GENERAL LEGEND

— SURVEY BOUNDARY
— PROPOSED LOT
- - - - - EXIST PROPERTY LINE
- - - - - SECTION LINE
- - - - - EXIST EASEMENT
MONUMENTS FOUND:
▲ TYPE AS NOTED
● 1/2" REBAR W/YPC #16747
(UNLESS NOTED OTHERWISE)
■ 1/2" REBAR W/RPC #24477
MONUMENTS SET:
○ 1/2" REBAR W/RPC #24477
FND FOUND
PC PLASTIC CAP
BK, PG BOOK AND PAGE
(M), (R) MEASURED, RECORDED
R.O.W. RIGHT-OF-WAY
P.U.E. PUBLIC UTILITY EASEMENT
P.O.B. POINT OF BEGINNING
P.O.C. POINT OF COMMENCEMENT
(XXX) STREET ADDRESS

SW CORNER
NW1/4SW1/4
SEC. 9-80-24
FND STONE W/CUT 'X'

GEO PARCEL:
8024.09.300.013

S89°53'44"W 1313.84' (M)
S89°59'29"W 1313.80' (R)

OWNER:
SCS ANKENY LLC

FLOODPLAIN NOTE:

MAP NUMBER: 19153C0045F
EFFECTIVE DATE: 2/1/2019
ZONE(S): ZONE X - AREA OF MINIMAL FLOOD HAZARD.

SURVEY NOTES:

1) NO TITLE OPINION WAS PROVIDED TO THE SURVEYOR AS PART OF THIS SURVEY.
2) PARCEL 2022-1202 TO BE DEDICATED TO THE CITY OF ANKENY FOR USE A PUBLIC ROAD RIGHT-OF-WAY.

OWNER:
TJL INVESTMENTS LLC &
DNF LLC

NW1/4SW1/4
SEC. 9-80-24

GEO PARCEL:
8024.09.300.001

ADDRESS:
2352 NW WEIGEL DRIVE
ANKENY, IOWA 50023

OWNER:
TJL INVESTMENTS LLC &
DNF LLC

N89°53'44"E
40.00'

S89°53'44"W 330.01'

PARCEL 2022-1203
2.50 ACRES

GEO PARCEL:
8024.09.300.002

PARCEL 2022-1202
0.30 ACRE

P.O.C. PARCEL 2022-1203
P.O.B. PARCEL 2022-1202
SE CORNER
NW1/4SW1/4
SEC. 9-80-24
FND 1/2" REBAR
W/ILLEGIBLE YELLOW CAP

33.00' ROW EASEMENT
ROAD BOOK 2 PAGE 447

N00°12'48"E 1323.99' (M)
S00°18'55"W 1324.08' (R)

NW WEIGEL DRIVE

S89°53'44"W
40.00'

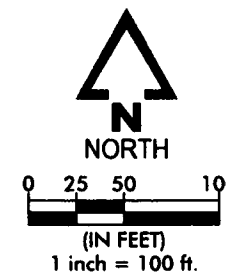
N89°53'44"E 330.01'

P.O.B. PARCEL 2022-1203



I HEREBY CERTIFY THAT THIS LAND SURVEYING DOCUMENT WAS PREPARED AND THE RELATED WORK WAS PERFORMED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF IOWA.

PATRICK SHELQUIST
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2023
PAGES OR SHEETS COVERED BY THIS SEAL: THIS SHEET
DATE SURVEYED: 9/15/2022



ENGINEER
N/A
DRAWN BY
P. SHELQUIST
SURVEYOR
P. SHELQUIST
CREW CHIEF
P. BARBER
DRAWING NO.
POS-01
SHEET NO.
01/01

PLAT OF SURVEY
PARCEL 2022-1202
PARCEL 2022-1203
ANKENY, IOWA
POLK COUNTY
22001385-000
09/20/2022

McCLURE
making lives better.
1360 NW 121st Street, STE A
Clive, Iowa 50325
515-964-1229
fax 515-964-2370

DRAWING PATH: P:\2022001385-000\Drawings\Survey\2022001385-000 Boundary.dwg PLOT DATE: 12/14/2022 2:35 PM PLOTTED BY: PATRICK SHELQUIST



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

Consent Agenda Items CA-1 through CA-48

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

Action: Consider motion to approve the recommendations for Consent Agenda Items CA-1 through CA-48.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

City Clerk

COUNCIL GOAL:

ACTION REQUESTED:

Motion

LEGAL:

SUBJECT:

Consider Mayoral Appointments to Boards and Commissions

EXECUTIVE SUMMARY:

The Mayor is asking council to approve the recommendations he is making for reappointments to Boards and Commissions, as attached.

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

Approve appointments as presented.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

Action: Consider motion approving Mayoral appointments to Board and Commission Members as presented.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Appointments - 2024

SEAT NO.	Current Appointment	Term Expires	Re-Appt Application	Appointment 12/18/2023	New Expire
BOARD OF EXAMINERS & APPEALS					
1	Chad M. Layland	12/31/2023	Yes	Chad M. Layland	12/31/2026
Parks Board					
6	Chad Hade	12/31/2023	Yes	Chad Hade	12/31/2027
7	Jared Baldwin	Resigned 11/17/2023		#	12/31/2024
PLAN & ZONING COMMISSION					
5	Annette Renaud	12/31/2023	Yes	Annette Renaud	12/31/2027
PCAA BOARD OF ADJUSTMENT					
	Ted Rapp	12/31/2023	Yes	Ted Rapp	12/31/2028

* - Seeking applications

- Interview scheduled



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:

ACTION REQUESTED:
Resolution

LEGAL:
Item Reviewed by Legal Counsel

SUBJECT:
Proposed 2024 PCC Reconstruction Program - NW Ash Drive (PH 2023-66)

EXECUTIVE SUMMARY:
The 2024 PCC Reconstruction Program – NW Ash Drive project includes pavement reconstruction, widening for a left turn lane, and minor utility improvements along NW Ash Drive from just south of the Prairie Ridge Sports Complex parking lot to just south of NW 18th Street in the City of Ankeny.

The construction improvements include the slip-form paving of approximately 4,500 SY of 8” thick PCC Class C-SUD street pavement and 110 SY of 7” thick PCC Class C driveways. Other associated improvements include Class 10 excavation, subgrade preparation, modified subbase placement, subdrain installation, removal and replacement of storm sewer structures, minor and major adjustments to existing storm sewer structures, pavement markings, temporary surface restoration, permanent surface restoration, temporary traffic control, mobilization, and miscellaneous associated work necessary to complete the project.

The bid opening for this project was held on Tuesday, December 12, 2023. Ten (10) bids were received as follows:

1. Concrete Technologies, Inc. \$ 677,902.66
2. Absolute Concrete Construction, Inc. dba Absolute Group \$ 679,916.15
3. Alliance Construction Group, LLC. \$ 699,151.38
4. Sternquist Construction, Inc. \$ 702,778.72
5. Con-Struct, Inc. \$ 724,725.00
6. All Star Concrete, LCC \$ 730,220.40
7. Manatt's, Inc. \$ 755,612.68
8. Reilly Construction Co., Inc. \$ 784,358.00
9. Shekar Engineering, PLC \$ 876,269.53
10. Brothers Cleaning Corporation BDA Brothers Concrete \$ 929,571.40

The Engineer's Estimate for the project was \$ 820,005.25. The bids ranged from approximately 17% below to 13% above the estimate. Concrete Technologies, Inc. has completed similar projects for the City of Ankeny in the past and they have the technical experience to complete this project. The Public Works Department recommends awarding the 2024 PCC Reconstruction Program – NW Ash Drive project to Concrete Technologies, Inc. of Grimes, Iowa.

Pending project approval and award by the City Council, the contractor will be required to start the project no earlier than May 28, 2024 and no later than June 3, 2024.

The Contractor shall substantially complete the overall project in 50 working days. Substantial completion for the overall project shall be defined as all utility, grading, and pavement construction completed, with the new streets, driveways, and sidewalks fully open to traffic. The Contractor shall fully complete the overall project in 10 working days immediately following substantial completion of the overall project and distribution of the punch list by the Engineer. Full completion for the overall project shall be defined as all work including permanent surface restoration and punch list items completed, and all improvements ready for final acceptance.

FISCAL IMPACT: No

This project is included in the current Capital Improvement Program with construction scheduled for 2024.

CITY MANAGER'S RECOMMENDATIONS:

It is recommended that the Council take the following action:

1. Hold a hearing on the proposed Contract Documents (plans, specifications, and form of contract), and estimate of cost (\$820,005.25).
2. Approve Resolution, adopting said plans, specifications, form of contract, and estimated cost for the 2024 PCC Reconstruction Program - NW Ash Drive project.
3. Receive and file the report of bids received on December 12, 2023.
4. Approve Resolution, making award of construction contract to Concrete Technologies, Inc. of Grimes, Iowa.
5. Approve Resolution, approving contract and bonds with Concrete Technologies, Inc. in the amount of \$ 677,902.66.

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

November 20, 2023: The City Council approved a Resolution ordering construction and setting the bid opening date as December 12, 2023, and setting the public hearing date as December 18, 2023.

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

Action: Consider motion to adopt 1) RESOLUTION
 adopting plans, specifications, form of contract and estimate of cost \$820,005.25; 2)
receive and file report of bids received December 12, 2023; 3) adopt
RESOLUTION making award of construction contract with Concrete
Technologies, Inc. in the amount of \$677,902.66; and 4) adopt
RESOLUTION approving contract and bonds with Concrete
Technologies, Inc. in the amount of \$677,902.66.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 RES - plans, specs
 Bid Sheet
 Bid Tab
 RES - making award
 RES - approving contract
 Location Map

Council Member _____ introduced the following Resolution entitled "RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved that the same be adopted. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT AND ESTIMATE OF COST FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE

WHEREAS, on the 20th day of November, 2023, plans, specifications, form of contract and estimate of cost were filed with the Clerk for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive; and

WHEREAS, notice of hearing on plans, specifications, form of contract and estimate of cost for the public improvements was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the plans, specifications, form of contract and estimate of cost are hereby approved as the plans, specifications, form of contract and estimate of cost for the public improvements, as described in the preamble of this Resolution.

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk



REC'D & FILED
12/18/23

BID LETTING

10:30 A.M.

DECEMBER 12, 2023

2024 PCC RECONSTRUCTION PROGRAM – NW ASH DRIVE

The purpose of this meeting is to receive, open and tabulate bids for construction of the 2024 PCC Reconstruction Program – NW Ash Drive project in accordance with the Plans and Specifications prepared by City of Ankeny Public Works.

Mark Mueller, Public Works Director

Project Estimate of Cost \$ 820,005²⁵

Bid Bond (10%)	Bidder/Address	Bid Amount	Addenda (one) Acknowledged
1) ✓	Manatt's Inc 6333 NW Beaver Rd Johnston, IA 50131	755,612 ⁶⁸	✓
2) ✓	Shekar Engineering 2600 MLK Jr Pkwy Ste 200 Des Moines, IA 50310	876,269 ⁵³	✓
3) ✓	Con. Struct Inc 305 South Dayton Ave Ames, IA 50010	724,725 ⁰⁰	✓
4) ✓	Absolute Group PO Box 430 Granger, IA 50109	679,916 ¹⁵	✓
5) ✓	Allstar Concrete LLC 4989 NW Johnston Dr Johnston, IA 50131	730,220 ⁴⁰	✓
6) ✓	Reilly Construction Co Inc 110 Main Street Ossau, IA 52161	784,358 ⁴⁰	✓

*Apparent Low Bidder

Bid Bond (10%)	Bidder/Address	Bid Amount	Addenda (one) Acknowledged
7) ✓	Alliance Construction Group 9400 Plum Dr Ste 100 Urbandale IA 50322	699,151 ³⁸	✓
8) ✓	Sternquist Construction 1110 N 14 th St Indianola IA 50125	702,778 ⁷²	✓
9) ✓	Brothers Concrete 4000 Colfax Ave Des Moines IA	928,671 ⁴⁰	✓
* 10) ✓	Concrete Technologies Inc 1001 SE 37 th St Grimes IA 50111	677,902 ⁶⁶	✓
11) _____	_____	_____	_____
12) _____	_____	_____	_____
13) _____	_____	_____	_____

*Apparent Low Bidder

Bids will be reviewed and further action taken by the City Council at their next regular meeting of December 18, 2023 at 5:30 P.M.

ATTEST:

Michelle Yuska
Michelle Yuska, City Clerk

Mark Mueller 12/12/23
Mark Mueller, Public Works Director

Bid Tabulation																		
2024 PCC Reconstruction Program - NW Ash Drive																		
From South of the PRSC Soccer/Softball Parking Lot to South of NW 18th Street																		
December 12, 2023																		
				Engineer's Estimate			Concrete Technologies, Inc.			Absolute Concrete Construction, Inc.			Alliance Construction Group, LLC			Sternquist Construction, Inc.		
Item No.	SUDAS No.	Item	Unit	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price
	DIVISION 2	EARTHWORK																
2.01	2010-E	Excavation, Class 10	CY	877	\$ 30.00	\$ 26,310.00	877	\$ 22.35	\$ 19,600.95	877	\$ 14.50	\$ 12,716.50	877	\$ 24.00	\$ 21,048.00	877	\$ 23.00	\$ 20,171.00
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	5,261	\$ 3.25	\$ 17,098.25	5,261	\$ 2.95	\$ 15,519.95	5,261	\$ 2.25	\$ 11,837.25	5,261	\$ 3.50	\$ 18,413.50	5,261	\$ 3.00	\$ 15,783.00
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	1,316	\$ 8.00	\$ 10,528.00	1,316	\$ 4.55	\$ 5,987.80	1,316	\$ 5.00	\$ 6,580.00	1,316	\$ 10.00	\$ 13,160.00	1,316	\$ 4.70	\$ 6,185.20
2.04	2010-J	Subbase, Modified, Virgin Aggregate, 6" Depth	SY	5,261	\$ 15.00	\$ 78,915.00	5,261	\$ 10.60	\$ 55,766.60	5,261	\$ 12.00	\$ 63,132.00	5,261	\$ 6.50	\$ 34,196.50	5,261	\$ 10.90	\$ 57,344.90
2.05	2010-M	Compaction Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,555.00	\$ 5,555.00	1	\$ 3,225.00	\$ 3,225.00	1	\$ 3,000.00	\$ 3,000.00	1	\$ 3,800.00	\$ 3,800.00
	DIVISION 4	SEWERS AND DRAINS																
4.01	4020-A-1	Storm Sewer, Trenched, Class III RCP, 15"	LF	36	\$ 150.00	\$ 5,400.00	36	\$ 445.50	\$ 16,038.00	36	\$ 90.00	\$ 3,240.00	36	\$ 83.00	\$ 2,988.00	36	\$ 458.00	\$ 16,488.00
4.02	4020-A-1	Storm Sewer, Trenched, Class III RCP, 18"	LF	12	\$ 160.00	\$ 1,920.00	12	\$ 471.75	\$ 5,661.00	12	\$ 115.00	\$ 1,380.00	12	\$ 172.00	\$ 2,064.00	12	\$ 485.00	\$ 5,820.00
4.03	4020-A-1	Storm Sewer, Trenched, Class III RCP, 24"	LF	12	\$ 180.00	\$ 2,160.00	12	\$ 501.55	\$ 6,018.60	12	\$ 145.00	\$ 1,740.00	12	\$ 192.00	\$ 2,304.00	12	\$ 516.00	\$ 6,192.00
4.04	4020-D	Removal of Storm Sewer, 36" or less	LF	60	\$ 30.00	\$ 1,800.00	60	\$ 96.75	\$ 5,805.00	60	\$ 25.00	\$ 1,500.00	60	\$ 15.00	\$ 900.00	60	\$ 99.00	\$ 5,940.00
4.05	4040-A	Subdrain, Corrugated PVC, Type 2, 8" Diameter	LF	2,257	\$ 40.00	\$ 90,280.00	2,257	\$ 27.50	\$ 62,067.50	2,257	\$ 32.50	\$ 73,352.50	2,257	\$ 21.00	\$ 47,397.00	2,257	\$ 28.30	\$ 63,873.10
4.06	4040-C-1	Subdrain Cleanout, Type B, 24" Diameter	EA	3	\$ 2,500.00	\$ 7,500.00	3	\$ 2,775.00	\$ 8,325.00	3	\$ 2,600.00	\$ 7,800.00	3	\$ 1,800.00	\$ 5,400.00	3	\$ 2,860.00	\$ 8,580.00
4.07	4040-D-1	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	16	\$ 650.00	\$ 10,400.00	16	\$ 665.35	\$ 10,645.60	16	\$ 500.00	\$ 8,000.00	16	\$ 475.00	\$ 7,600.00	16	\$ 685.00	\$ 10,960.00
4.08	4040-999-A	Removal of Subdrain, Any Type, Any Size	EA	1,165	\$ 10.00	\$ 11,650.00	1,165	\$ 7.50	\$ 8,737.50	1,165	\$ 11.00	\$ 12,815.00	1,165	\$ 4.50	\$ 5,242.50	1,165	\$ 7.70	\$ 8,970.50
	DIVISION 6	STRUCTURES FOR SANITARY AND STORM SEWERS																
6.01	6010-B	Intake, Type SW-501, 3'-0" x 2'-0", Modified (Cast-In-Place)	EA	1	\$ 10,000.00	\$ 10,000.00	1	\$ 5,270.00	\$ 5,270.00	1	\$ 5,200.00	\$ 5,200.00	1	\$ 5,200.00	\$ 5,200.00	1	\$ 5,425.00	\$ 5,425.00
6.02	6010-B	Intake, Type SW-503, 3'-0" x 6'-0", Modified (Cast-In-Place)	EA	1	\$ 12,500.00	\$ 12,500.00	1	\$ 8,419.35	\$ 8,419.35	1	\$ 7,500.00	\$ 7,500.00	1	\$ 8,600.00	\$ 8,600.00	1	\$ 8,670.00	\$ 8,670.00
6.03	6010-B	Intake, Type SW-505, 6'-8" x 2'-0", Modified (Cast-In-Place)	EA	3	\$ 15,000.00	\$ 45,000.00	3	\$ 7,332.50	\$ 21,997.50	3	\$ 7,100.00	\$ 21,300.00	3	\$ 8,800.00	\$ 26,400.00	3	\$ 7,550.00	\$ 22,650.00
6.04	6010-E-1	Manhole Adjustment, Minor, Storm, Two Piece Casting	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 1,850.00	\$ 1,850.00	1	\$ 550.00	\$ 550.00	1	\$ 650.00	\$ 650.00	1	\$ 1,900.00	\$ 1,900.00
6.05	6010-E-2	Intake Adjustment, Minor, Double Grate	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 3,230.00	\$ 3,230.00	1	\$ 2,650.00	\$ 2,650.00	1	\$ 1,100.00	\$ 1,100.00	1	\$ 3,325.00	\$ 3,325.00
6.06	6010-H-2	Remove Intake	EA	5	\$ 1,000.00	\$ 5,000.00	5	\$ 1,010.00	\$ 5,050.00	5	\$ 600.00	\$ 3,000.00	5	\$ 450.00	\$ 2,250.00	5	\$ 1,040.00	\$ 5,200.00
	DIVISION 7	STREETS AND RELATED WORK																
7.01	7010-A	Pavement, PCC, 8" Thick, Class C-SUD	SY	4,484	\$ 67.50	\$ 302,670.00	4,484	\$ 62.00	\$ 278,008.00	4,484	\$ 67.75	\$ 303,791.00	4,484	\$ 66.75	\$ 299,307.00	4,484	\$ 73.00	\$ 327,332.00
7.02	7010-I	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,150.00	\$ 3,150.00	1	\$ 2,500.00	\$ 2,500.00	1	\$ 3,700.00	\$ 3,700.00	1	\$ 3,900.00	\$ 3,900.00
7.03	7030-A-3	Removal of Driveway	SY	98	\$ 12.50	\$ 1,225.00	98	\$ 12.50	\$ 1,225.00	98	\$ 6.00	\$ 588.00	98	\$ 14.00	\$ 1,372.00	98	\$ 12.80	\$ 1,254.40
7.04	7030-H-1	Driveway, Paved, PCC Class C, Type B Commercial, 7" Thick	SY	98	\$ 70.00	\$ 6,860.00	98	\$ 79.00	\$ 7,742.00	98	\$ 85.00	\$ 8,330.00	98	\$ 78.00	\$ 7,644.00	98	\$ 65.00	\$ 6,370.00
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	526	\$ 17.50	\$ 9,205.00	526	\$ 13.15	\$ 6,916.90	526	\$ 13.50	\$ 7,101.00	526	\$ 6.13	\$ 3,224.38	526	\$ 13.50	\$ 7,101.00
7.06	7040-H	Pavement Removal, PCC	SY	4,227	\$ 12.50	\$ 52,837.50	4,227	\$ 6.50	\$ 27,475.50	4,227	\$ 6.00	\$ 25,362.00	4,227	\$ 10.00	\$ 42,270.00	4,227	\$ 6.70	\$ 28,320.90
	DIVISION 8	TRAFFIC CONTROL																
8.01	8020-C	Painted Pavement Markings, Durable	STA	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 151.50	\$ 4,343.51	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 156.00	\$ 4,472.52
8.02	8020-G	Painted Symbols and Legends, LTAW	EA	1	\$ 150.00	\$ 150.00	1	\$ 505.00	\$ 505.00	1	\$ 500.00	\$ 500.00	1	\$ 175.00	\$ 175.00	1	\$ 520.00	\$ 520.00
8.03	8020-M	Grooves Cut for Pavement Markings	STA	26.96	\$ 100.00	\$ 2,696.00	26.96	\$ 116.15	\$ 3,131.40	26.96	\$ 115.00	\$ 3,100.40	26.96	\$ 125.00	\$ 3,370.00	26.96	\$ 120.00	\$ 3,235.20
8.04	8020-N	Grooves Cut for Symbols and Legends	EA	1	\$ 150.00	\$ 150.00	1	\$ 176.75	\$ 176.75	1	\$ 175.00	\$ 175.00	1	\$ 125.00	\$ 125.00	1	\$ 182.00	\$ 182.00
8.05	8030-A	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 15,050.00	\$ 15,050.00	1	\$ 17,000.00	\$ 17,000.00	1	\$ 20,000.00	\$ 20,000.00	1	\$ 15,500.00	\$ 15,500.00
8.06	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	10	\$ 125.00	\$ 1,250.00	10	\$ 252.50	\$ 2,525.00	10	\$ 250.00	\$ 2,500.00	10	\$ 125.00	\$ 1,250.00	10	\$ 260.00	\$ 2,600.00
8.07	8040-I	Remove and Reinstall Traffic Signs, No Parking	EA	3	\$ 400.00	\$ 1,200.00	3	\$ 505.00	\$ 1,515.00	3	\$ 500.00	\$ 1,500.00	3	\$ 75.00	\$ 225.00	3	\$ 520.00	\$ 1,560.00
	DIVISION 9	SITE WORK AND LANDSCAPING																
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 2,425.00	\$ 1,212.50	0.5	\$ 2,000.00	\$ 1,000.00	0.5	\$ 2,400.00	\$ 1,200.00	0.5	\$ 2,600.00	\$ 1,300.00
9.02	9010-A	Conventional Seeding and Fertilizing, Type 4	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 151.50	\$ 75.75	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 150.00	\$ 75.00	0.5	\$ 1,560.00	\$ 780.00
9.03	9010-999-A	Spot Herbicide Application	AC	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 405.00	\$ 202.50	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 400.00	\$ 200.00	0.5	\$ 1,456.00	\$ 728.00
9.04	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,235.00	\$ 3,235.00	1	\$ 4,000.00	\$ 4,000.00	1	\$ 3,200.00	\$ 3,200.00	1	\$ 3,640.00	\$ 3,640.00
9.05	9040-T-1	Inlet Protection Device, Surface-applied	EA	10	\$ 500.00	\$ 5,000.00	10	\$ 75.75	\$ 757.50	10	\$ 500.00	\$ 5,000.00	10	\$ 75.00	\$ 750.00	10	\$ 52.00	\$ 520.00
9.06	9040-T-1	Inlet Protection Device, Drop-in	EA	10	\$ 200.00	\$ 2,000.00	10	\$ 176.75	\$ 1,767.50	10	\$ 200.00	\$ 2,000.00	10	\$ 175.00	\$ 1,750.00	10	\$ 182.00	\$ 1,820.00
9.07	9040-T-2	Inlet Protection Device, Maintenance	EA	10	\$ 50.00	\$ 500.00	10	\$ 25.25	\$ 252.50	10	\$ 25.00	\$ 250.00	10	\$ 35.00	\$ 350.00	10	\$ 36.50	\$ 365.00
	DIVISION 11	MISCELLANEOUS																
11.01	11,020-A	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 45,000.00	\$ 45,000.00	1	\$ 40,000.00	\$ 40,000.00	1	\$ 94,000.00	\$ 94,000.00	1	\$ 12,000.00	\$ 12,000.00
11.02	11,050-A	Concrete Washout	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 2,090.00	\$ 2,090.00	1	\$ 2,400.00	\$ 2,400.00	1	\$ 2,750.00	\$ 2,750.00	1	\$ 2,000.00	\$ 2,000.00
TOTAL AMOUNT BID =						\$ 820,005.25			\$ 677,902.66			\$ 679,916.15			\$ 699,151.38			\$ 702,778.72

Bid Tabulation																		
2024 PCC Reconstruction Program - NW Ash Drive																		
From South of the PRSC Soccer/Softball Parking Lot to South of NW 18th Street																		
December 12, 2023																		
				Engineer's Estimate			Con-Struct, Inc.			All Star Concrete , LLC			Manatt's, Inc.			Reilly Construction Co., Inc.		
Item No.	SUDAS No.	Item	Unit	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price
0.00	DIVISION 2	EARTHWORK																
2.01	2010-E	Excavation, Class 10	CY	877	\$ 30.00	\$ 26,310.00	877	\$ 60.00	\$ 52,620.00	877	\$ 24.00	\$ 21,048.00	877	\$ 25.00	\$ 21,925.00	877	\$ 65.00	\$ 57,005.00
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	5,261	\$ 3.25	\$ 17,098.25	5,261	\$ 2.00	\$ 10,522.00	5,261	\$ 3.50	\$ 18,413.50	5,261	\$ 3.75	\$ 19,728.75	5,261	\$ 3.75	\$ 19,728.75
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	1,316	\$ 8.00	\$ 10,528.00	1,316	\$ 3.00	\$ 3,948.00	1,316	\$ 10.00	\$ 13,160.00	1,316	\$ 10.50	\$ 13,818.00	1,316	\$ 5.00	\$ 6,580.00
2.04	2010-J	Subbase, Modified, Virgin Aggregate, 6" Depth	SY	5,261	\$ 15.00	\$ 78,915.00	5,261	\$ 12.00	\$ 63,132.00	5,261	\$ 6.50	\$ 34,196.50	5,261	\$ 6.75	\$ 35,511.75	5,261	\$ 13.50	\$ 71,023.50
2.05	2010-M	Compaction Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,000.00	\$ 3,000.00	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,200.00	\$ 5,200.00	1	\$ 2,500.00	\$ 2,500.00
0.00	DIVISION 4	SEWERS AND DRAINS																
4.01	4020-A-1	Storm Sewer, Trenched, Class III RCP, 15"	LF	36	\$ 150.00	\$ 5,400.00	36	\$ 250.00	\$ 9,000.00	36	\$ 83.00	\$ 2,988.00	36	\$ 85.75	\$ 3,087.00	36	\$ 150.00	\$ 5,400.00
4.02	4020-A-1	Storm Sewer, Trenched, Class III RCP, 18"	LF	12	\$ 160.00	\$ 1,920.00	12	\$ 300.00	\$ 3,600.00	12	\$ 172.00	\$ 2,064.00	12	\$ 178.00	\$ 2,136.00	12	\$ 175.00	\$ 2,100.00
4.03	4020-A-1	Storm Sewer, Trenched, Class III RCP, 24"	LF	12	\$ 180.00	\$ 2,160.00	12	\$ 300.00	\$ 3,600.00	12	\$ 192.00	\$ 2,304.00	12	\$ 200.00	\$ 2,400.00	12	\$ 200.00	\$ 2,400.00
4.04	4020-D	Removal of Storm Sewer, 36" or less	LF	60	\$ 30.00	\$ 1,800.00	60	\$ 20.00	\$ 1,200.00	60	\$ 15.00	\$ 900.00	60	\$ 15.50	\$ 930.00	60	\$ 35.00	\$ 2,100.00
4.05	4040-A	Subdrain, Corrugated PVC, Type 2, 8" Diameter	LF	2,257	\$ 40.00	\$ 90,280.00	2,257	\$ 30.00	\$ 67,710.00	2,257	\$ 23.00	\$ 51,911.00	2,257	\$ 23.75	\$ 53,603.75	2,257	\$ 38.00	\$ 85,766.00
4.06	4040-C-1	Subdrain Cleanout, Type B, 24" Diameter	EA	3	\$ 2,500.00	\$ 7,500.00	3	\$ 1,500.00	\$ 4,500.00	3	\$ 450.00	\$ 1,350.00	3	\$ 465.25	\$ 1,395.75	3	\$ 2,000.00	\$ 6,000.00
4.07	4040-D-1	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	16	\$ 650.00	\$ 10,400.00	16	\$ 500.00	\$ 8,000.00	16	\$ 650.00	\$ 10,400.00	16	\$ 672.00	\$ 10,752.00	16	\$ 500.00	\$ 8,000.00
4.08	4040-999-A	Removal of Subdrain, Any Type, Any Size	EA	1,165	\$ 10.00	\$ 11,650.00	1,165	\$ 1.00	\$ 1,165.00	1,165	\$ 5.00	\$ 5,825.00	1,165	\$ 5.25	\$ 6,116.25	1,165	\$ 8.00	\$ 9,320.00
0.00	DIVISION 6	STRUCTURES FOR SANITARY AND STORM SEWERS																
6.01	6010-B	Intake, Type SW-501, 3'-0" x 2'-0", Modified (Cast-In-Place)	EA	1	\$ 10,000.00	\$ 10,000.00	1	\$ 5,000.00	\$ 5,000.00	1	\$ 5,200.00	\$ 5,200.00	1	\$ 5,375.00	\$ 5,375.00	1	\$ 5,500.00	\$ 5,500.00
6.02	6010-B	Intake, Type SW-503, 3'-0" x 6'-0", Modified (Cast-In-Place)	EA	1	\$ 12,500.00	\$ 12,500.00	1	\$ 8,000.00	\$ 8,000.00	1	\$ 8,600.00	\$ 8,600.00	1	\$ 8,900.00	\$ 8,900.00	1	\$ 6,500.00	\$ 6,500.00
6.03	6010-B	Intake, Type SW-505, 6'-8" x 2'-0", Modified (Cast-In-Place)	EA	3	\$ 15,000.00	\$ 45,000.00	3	\$ 8,000.00	\$ 24,000.00	3	\$ 8,800.00	\$ 26,400.00	3	\$ 9,100.00	\$ 27,300.00	3	\$ 7,500.00	\$ 22,500.00
6.04	6010-E-1	Manhole Adjustment, Minor, Storm, Two Piece Casting	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 1,500.00	\$ 1,500.00	1	\$ 650.00	\$ 650.00	1	\$ 672.00	\$ 672.00	1	\$ 2,000.00	\$ 2,000.00
6.05	6010-E-2	Intake Adjustment, Minor, Double Grate	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 1,500.00	\$ 1,500.00	1	\$ 1,100.00	\$ 1,100.00	1	\$ 1,137.00	\$ 1,137.00	1	\$ 3,000.00	\$ 3,000.00
6.06	6010-H-2	Remove Intake	EA	5	\$ 1,000.00	\$ 5,000.00	5	\$ 600.00	\$ 3,000.00	5	\$ 450.00	\$ 2,250.00	5	\$ 465.25	\$ 2,326.25	5	\$ 750.00	\$ 3,750.00
0.00	DIVISION 7	STREETS AND RELATED WORK																

7.01	7010-A	Pavement, PCC, 8" Thick, Class C-SUD	SY	4,484	\$ 67.50	\$ 302,670.00	4,484	\$ 70.00	\$ 313,880.00	4,484	\$ 72.00	\$ 322,848.00	4,484	\$ 85.50	\$ 383,382.00	4,484	\$ 70.00	\$ 313,880.00
7.02	7010-I	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 4,000.00	\$ 4,000.00	1	\$ 2,500.00	\$ 2,500.00	1	\$ 7,549.00	\$ 7,549.00	1	\$ 3,500.00	\$ 3,500.00
7.03	7030-A-3	Removal of Driveway	SY	98	\$ 12.50	\$ 1,225.00	98	\$ 20.00	\$ 1,960.00	98	\$ 14.00	\$ 1,372.00	98	\$ 14.50	\$ 1,421.00	98	\$ 40.00	\$ 3,920.00
7.04	7030-H-1	Driveway, Paved, PCC Class C, Type B Commercial, 7" Thick	SY	98	\$ 70.00	\$ 6,860.00	98	\$ 80.00	\$ 7,840.00	98	\$ 80.00	\$ 7,840.00	98	\$ 77.50	\$ 7,595.00	98	\$ 90.00	\$ 8,820.00
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	526	\$ 17.50	\$ 9,205.00	526	\$ 2.00	\$ 1,052.00	526	\$ 6.15	\$ 3,234.90	526	\$ 6.50	\$ 3,419.00	526	\$ 20.00	\$ 10,520.00
7.06	7040-H	Pavement Removal, PCC	SY	4,227	\$ 12.50	\$ 52,837.50	4,227	\$ 10.00	\$ 42,270.00	4,227	\$ 10.00	\$ 42,270.00	4,227	\$ 10.50	\$ 44,383.50	4,227	\$ 11.00	\$ 46,497.00
0.00	DIVISION 8	TRAFFIC CONTROL																
8.01	8020-C	Painted Pavement Markings, Durable	STA	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 160.00	\$ 4,587.20	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 155.00	\$ 4,443.85	28.67	\$ 175.00	\$ 5,017.25
8.02	8020-G	Painted Symbols and Legends, LTAW	EA	1	\$ 150.00	\$ 150.00	1	\$ 500.00	\$ 500.00	1	\$ 175.00	\$ 175.00	1	\$ 181.00	\$ 181.00	1	\$ 575.00	\$ 575.00
8.03	8020-M	Grooves Cut for Pavement Markings	STA	26.96	\$ 100.00	\$ 2,696.00	26.96	\$ 120.00	\$ 3,235.20	26.96	\$ 125.00	\$ 3,370.00	26.96	\$ 129.25	\$ 3,484.58	26.96	\$ 130.00	\$ 3,504.80
8.04	8020-N	Grooves Cut for Symbols and Legends	EA	1	\$ 150.00	\$ 150.00	1	\$ 200.00	\$ 200.00	1	\$ 125.00	\$ 125.00	1	\$ 129.25	\$ 129.25	1	\$ 200.00	\$ 200.00
8.05	8030-A	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 17,000.00	\$ 17,000.00	1	\$ 20,000.00	\$ 20,000.00	1	\$ 20,675.00	\$ 20,675.00	1	\$ 17,000.00	\$ 17,000.00
8.06	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	10	\$ 125.00	\$ 1,250.00	10	\$ 300.00	\$ 3,000.00	10	\$ 125.00	\$ 1,250.00	10	\$ 129.25	\$ 1,292.50	10	\$ 275.00	\$ 2,750.00
8.07	8040-I	Remove and Reinstall Traffic Signs, No Parking	EA	3	\$ 400.00	\$ 1,200.00	3	\$ 550.00	\$ 1,650.00	3	\$ 75.00	\$ 225.00	3	\$ 77.50	\$ 232.50	3	\$ 575.00	\$ 1,725.00
0.00	DIVISION 9	SITE WORK AND LANDSCAPING																
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 5,800.00	\$ 2,900.00	0.5	\$ 2,000.00	\$ 1,000.00	0.5	\$ 2,600.00	\$ 1,300.00	0.5	\$ 3,000.00	\$ 1,500.00
9.02	9010-A	Conventional Seeding and Fertilizing, Type 4	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 350.00	\$ 175.00	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,550.00	\$ 775.00	0.5	\$ 1,750.00	\$ 875.00
9.03	9010-999-A	Spot Herbicide Application	AC	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,300.00	\$ 650.00	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,450.00	\$ 725.00	0.5	\$ 1,600.00	\$ 800.00
9.04	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,500.00	\$ 3,500.00	1	\$ 4,000.00	\$ 4,000.00	1	\$ 3,620.00	\$ 3,620.00	1	\$ 4,000.00	\$ 4,000.00
9.05	9040-T-1	Inlet Protection Device, Surface-applied	EA	10	\$ 500.00	\$ 5,000.00	10	\$ 500.00	\$ 5,000.00	10	\$ 200.00	\$ 2,000.00	10	\$ 51.75	\$ 517.50	10	\$ 60.00	\$ 600.00
9.06	9040-T-1	Inlet Protection Device, Drop-in	EA	10	\$ 200.00	\$ 2,000.00	10	\$ 300.00	\$ 3,000.00	10	\$ 200.00	\$ 2,000.00	10	\$ 181.00	\$ 1,810.00	10	\$ 200.00	\$ 2,000.00
9.07	9040-T-2	Inlet Protection Device, Maintenance	EA	10	\$ 50.00	\$ 500.00	10	\$ 50.00	\$ 500.00	10	\$ 25.00	\$ 250.00	10	\$ 36.25	\$ 362.50	10	\$ 50.00	\$ 500.00
0.00	DIVISION 11	MISCELLANEOUS																
11.01	11,020-A	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 30,000.00	\$ 30,000.00	1	\$ 94,200.00	\$ 94,200.00	1	\$ 43,500.00	\$ 43,500.00	1	\$ 32,500.70	\$ 32,500.70
11.02	11,050-A	Concrete Washout	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 2,828.60	\$ 2,828.60	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00	\$ 2,500.00
TOTAL AMOUNT BID =					\$ 820,005.25			\$ 724,725.00			\$ 730,220.40			\$ 755,612.68			\$ 784,358.00	

Bid Tabulation																		
2024 PCC Reconstruction Program - NW Ash Drive																		
From South of the PRSC Soccer/Softball Parking Lot to South of NW 18th Street																		
December 12, 2023																		
				Engineer's Estimate			Shekar Engineering, PLC			Brothers Cleaning Corporation								
Item No.	SUDAS No.	Item	Unit	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price	Total	Unit Price	Total Price
0.00	DIVISION 2	EARTHWORK																
2.01	2010-E	Excavation, Class 10	CY	877	\$ 30.00	\$ 26,310.00	877	\$ 24.58	\$ 21,556.66	877	\$ 12.50	\$ 10,962.50	877		\$ -	877		\$ -
2.02	2010-G	Subgrade Preparation, 6" Depth	SY	5,261	\$ 3.25	\$ 17,098.25	5,261	\$ 1.82	\$ 9,575.02	5,261	\$ 5.50	\$ 28,935.50	5,261		\$ -	5,261		\$ -
2.03	2010-I	Subgrade Treatment, Geogrid, Triangular, Type 3	SY	1,316	\$ 8.00	\$ 10,528.00	1,316	\$ 8.45	\$ 11,120.20	1,316	\$ 6.50	\$ 8,554.00	1,316		\$ -	1,316		\$ -
2.04	2010-J	Subbase, Modified, Virgin Aggregate, 6" Depth	SY	5,261	\$ 15.00	\$ 78,915.00	5,261	\$ 13.10	\$ 68,919.10	5,261	\$ 6.50	\$ 34,196.50	5,261		\$ -	5,261		\$ -
2.05	2010-M	Compaction Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 3,024.00	\$ 3,024.00	1	\$ 1,850.00	\$ 1,850.00	1		\$ -	1		\$ -
0.00	DIVISION 4	SEWERS AND DRAINS																
4.01	4020-A-1	Storm Sewer, Trenched, Class III RCP, 15"	LF	36	\$ 150.00	\$ 5,400.00	36	\$ 137.75	\$ 4,959.00	36	\$ 105.00	\$ 3,780.00	36		\$ -	36		\$ -
4.02	4020-A-1	Storm Sewer, Trenched, Class III RCP, 18"	LF	12	\$ 160.00	\$ 1,920.00	12	\$ 150.37	\$ 1,804.44	12	\$ 125.00	\$ 1,500.00	12		\$ -	12		\$ -
4.03	4020-A-1	Storm Sewer, Trenched, Class III RCP, 24"	LF	12	\$ 180.00	\$ 2,160.00	12	\$ 168.35	\$ 2,020.20	12	\$ 155.00	\$ 1,860.00	12		\$ -	12		\$ -
4.04	4020-D	Removal of Storm Sewer, 36" or less	LF	60	\$ 30.00	\$ 1,800.00	60	\$ 22.67	\$ 1,360.20	60	\$ 21.00	\$ 1,260.00	60		\$ -	60		\$ -
4.05	4040-A	Subdrain, Corrugated PVC, Type 2, 8" Diameter	LF	2,257	\$ 40.00	\$ 90,280.00	2,257	\$ 43.97	\$ 99,240.29	2,257	\$ 26.50	\$ 59,810.50	2,257		\$ -	2,257		\$ -
4.06	4040-C-1	Subdrain Cleanout, Type B, 24" Diameter	EA	3	\$ 2,500.00	\$ 7,500.00	3	\$ 2,887.10	\$ 8,661.30	3	\$ 850.00	\$ 2,550.00	3		\$ -	3		\$ -
4.07	4040-D-1	Subdrain Outlets and Connections, PVC, 8" Diameter	EA	16	\$ 650.00	\$ 10,400.00	16	\$ 516.97	\$ 8,271.52	16	\$ 1,850.00	\$ 29,600.00	16		\$ -	16		\$ -
4.08	4040-999-A	Removal of Subdrain, Any Type, Any Size	EA	1,165	\$ 10.00	\$ 11,650.00	1,165	\$ 14.80	\$ 17,242.00	1,165	\$ 18.50	\$ 21,552.50	1,165		\$ -	1,165		\$ -
0.00	DIVISION 6	STRUCTURES FOR SANITARY AND STORM SEWERS																
6.01	6010-B	Intake, Type SW-501, 3'-0" x 2'-0", Modified (Cast-In-Place)	EA	1	\$ 10,000.00	\$ 10,000.00	1	\$ 6,352.42	\$ 6,352.42	1	\$ 5,250.00	\$ 5,250.00	1		\$ -	1		\$ -
6.02	6010-B	Intake, Type SW-503, 3'-0" x 6'-0", Modified (Cast-In-Place)	EA	1	\$ 12,500.00	\$ 12,500.00	1	\$ 10,997.53	\$ 10,997.53	1	\$ 8,500.00	\$ 8,500.00	1		\$ -	1		\$ -
6.03	6010-B	Intake, Type SW-505, 6'-8" x 2'-0", Modified (Cast-In-Place)	EA	3	\$ 15,000.00	\$ 45,000.00	3	\$ 11,041.63	\$ 33,124.89	3	\$ 6,500.00	\$ 19,500.00	3		\$ -	3		\$ -
6.04	6010-E-1	Manhole Adjustment, Minor, Storm, Two Piece Casting	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 1,548.79	\$ 1,548.79	1	\$ 2,650.00	\$ 2,650.00	1		\$ -	1		\$ -
6.05	6010-E-2	Intake Adjustment, Minor, Double Grate	EA	1	\$ 2,500.00	\$ 2,500.00	1	\$ 2,588.29	\$ 2,588.29	1	\$ 2,500.00	\$ 2,500.00	1		\$ -	1		\$ -
6.06	6010-H-2	Remove Intake	EA	5	\$ 1,000.00	\$ 5,000.00	5	\$ 679.90	\$ 3,399.50	5	\$ 1,450.00	\$ 7,250.00	5		\$ -	5		\$ -
0.00	DIVISION 7	STREETS AND RELATED WORK																
7.01	7010-A	Pavement, PCC, 8" Thick, Class C-SUD	SY	4,484	\$ 67.50	\$ 302,670.00	4,484	\$ 78.97	\$ 354,101.48	4,484	\$ 98.10	\$ 439,880.40	4,484		\$ -	4,484		\$ -
7.02	7010-I	PCC Pavement Samples and Testing	LS	1	\$ 5,000.00	\$ 5,000.00	1	\$ 8,071.20	\$ 8,071.20	1	\$ 2,950.00	\$ 2,950.00	1		\$ -	1		\$ -
7.03	7030-A-3	Removal of Driveway	SY	98	\$ 12.50	\$ 1,225.00	98	\$ 9.71	\$ 951.58	98	\$ 25.00	\$ 2,450.00	98		\$ -	98		\$ -
7.04	7030-H-1	Driveway, Paved, PCC Class C, Type B Commercial, 7" Thick	SY	98	\$ 70.00	\$ 6,860.00	98	\$ 114.52	\$ 11,222.96	98	\$ 105.00	\$ 10,290.00	98		\$ -	98		\$ -
7.05	7040-B	Subbase Over-excavation, 6" Depth	SY	526	\$ 17.50	\$ 9,205.00	526	\$ 18.28	\$ 9,615.28	526	\$ 15.00	\$ 7,890.00	526		\$ -	526		\$ -
7.06	7040-H	Pavement Removal, PCC	SY	4,227	\$ 12.50	\$ 52,837.50	4,227	\$ 9.71	\$ 41,044.17	4,227	\$ 15.00	\$ 63,405.00	4,227		\$ -	4,227		\$ -
0.00	DIVISION 8	TRAFFIC CONTROL																
8.01	8020-C	Painted Pavement Markings, Durable	STA	28.67	\$ 150.00	\$ 4,300.50	28.67	\$ 180.00	\$ 5,160.60	28.67	\$ 750.00	\$ 21,502.50	28.67		\$ -	28.67		\$ -
8.02	8020-G	Painted Symbols and Legends, LTAW	EA	1	\$ 150.00	\$ 150.00	1	\$ 600.00	\$ 600.00	1	\$ 1,250.00	\$ 1,250.00	1		\$ -	1		\$ -
8.03	8020-M	Grooves Cut for Pavement Markings	STA	26.96	\$ 100.00	\$ 2,696.00	26.96	\$ 138.00	\$ 3,720.48	26.96	\$ 750.00	\$ 20,220.00	26.96		\$ -	26.96		\$ -
8.04	8020-N	Grooves Cut for Symbols and Legends	EA	1	\$ 150.00	\$ 150.00	1	\$ 210.00	\$ 210.00	1	\$ 1,250.00	\$ 1,250.00	1		\$ -	1		\$ -
8.05	8030-A	Temporary Traffic Control	LS	1	\$ 25,000.00	\$ 25,000.00	1	\$ 17,880.00	\$ 17,880.00	1	\$ 8,752.00	\$ 8,752.00	1		\$ -	1		\$ -
8.06	8030-999-A	Portable Dynamic Message Sign (PDMS)	CDAY	10	\$ 125.00	\$ 1,250.00	10	\$ 300.00	\$ 3,000.00	10	\$ 350.00	\$ 3,500.00	10		\$ -	10		\$ -
8.07	8040-I	Remove and Reinstall Traffic Signs, No Parking	EA	3	\$ 400.00	\$ 1,200.00	3	\$ 600.00	\$ 1,800.00	3	\$ 1,250.00	\$ 3,750.00	3		\$ -	3		\$ -
0.00	DIVISION 9	SITE WORK AND LANDSCAPING																
9.01	9010-A	Conventional Seeding and Fertilizing, Type 1	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 3,000.00	\$ 1,500.00	0.5	\$ 7,500.00	\$ 3,750.00	0.5		\$ -	0.5		\$ -
9.02	9010-A	Conventional Seeding and Fertilizing, Type 4	AC	0.5	\$ 4,000.00	\$ 2,000.00	0.5	\$ 1,800.00	\$ 900.00	0.5	\$ 7,500.00	\$ 3,750.00	0.5		\$ -	0.5		\$ -
9.03	9010-999-A	Spot Herbicide Application	AC	0.5	\$ 1,000.00	\$ 500.00	0.5	\$ 1,680.00	\$ 840.00	0.5	\$ 5,000.00	\$ 2,500.00	0.5		\$ -	0.5		\$ -
9.04	9040-Q-2	Erosion Control Mulching, Hydromulching, BFM	AC	1	\$ 5,000.00	\$ 5,000.00	1	\$ 4,200.00	\$ 4,200.00	1	\$ 6,250.00	\$ 6,250.00	1		\$ -	1		\$ -
9.05	9040-T-1	Inlet Protection Device, Surface-applied	EA	10	\$ 500.00	\$ 5,000.00	10	\$ 60.00	\$ 600.00	10	\$ 215.00	\$ 2,150.00	10		\$ -	10		\$ -
9.06	9040-T-1	Inlet Protection Device, Drop-in	EA	10	\$ 200.00	\$ 2,000.00	10	\$ 210.00	\$ 2,100.00	10	\$ 215.00	\$ 2,150.00	10		\$ -	10		\$ -
9.07	9040-T-2	Inlet Protection Device, Maintenance	EA	10	\$ 50.00	\$ 500.00	10	\$ 42.00	\$ 420.00	10	\$ 135.00	\$ 1,350.00	10		\$ -	10		\$ -
0.00	DIVISION 11	MISCELLANEOUS																
11.01	11,020-A	Mobilization	LS	1	\$ 40,000.00	\$ 40,000.00	1	\$ 88,822.43	\$ 88,822.43	1	\$ 65,000.00	\$ 65,000.00	1		\$ -	1		\$ -
11.02	11,050-A	Concrete Washout	LS	1	\$ 4,000.00	\$ 4,000.00	1	\$ 3,744.00	\$ 3,744.00	1	\$ 3,520.00	\$ 3,520.00	1		\$ -	1		\$ -
TOTAL AMOUNT BID =						\$ 820,005.25			\$ 876,269.53			\$ 929,571.40			\$ -			\$ -

Council Member _____ introduced the following Resolution entitled "RESOLUTION MAKING AWARD OF CONSTRUCTION CONTRACT FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved:

☒ that the Resolution be adopted.

☐ ADJOURN to permit the Engineer to review and make recommendation on said bids, therefore defer action on the Resolution to the meeting to be held at _____ .M. on _____, 2023, at this place.

Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

RESOLUTION MAKING AWARD OF CONSTRUCTION
CONTRACT FOR THE 2024 PCC RECONSTRUCTION
PROGRAM - NW ASH DRIVE

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

Section 1. That the following bid for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive, described in the plans and specifications heretofore adopted by this Council on December 18, 2023, be and is hereby accepted, the same being the lowest responsive, responsible bid received for such work, as follows:

Contractor: Concrete Technologies, Inc. of Grimes, Iowa

Amount of bid: \$677,902.66

Portion of project: All construction work

Section 2. That the Mayor and Clerk are hereby directed to execute the contract with the contractor for the construction of the public improvements, such contract not to be binding on the City until approved by this Council.

PASSED AND APPROVED this 18th day of December, 2023.

Mayor

ATTEST:

City Clerk

Council Member _____ introduced the following Resolution entitled "RESOLUTION APPROVING CONSTRUCTION CONTRACT AND BOND FOR THE 2024 PCC RECONSTRUCTION PROGRAM - NW ASH DRIVE", and moved its adoption. Council Member _____ seconded the motion to adopt. The roll was called, and the vote was:

AYES: _____

NAYS: _____

Whereupon, the Mayor declared the following Resolution duly adopted:

RESOLUTION

**RESOLUTION APPROVING CONSTRUCTION CONTRACT
AND BOND FOR THE 2024 PCC RECONSTRUCTION
PROGRAM - NW ASH DRIVE**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ANKENY, STATE OF IOWA:

That the construction contract and bond executed and insurance coverage for the construction of certain public improvements described in general as the 2024 PCC Reconstruction Program - NW Ash Drive, and as described in detail in the plans and specifications heretofore approved, and which have been signed by the Mayor and Clerk on behalf of the City be and the same are hereby approved as follows:

Contractor:	<u>Concrete Technologies, Inc.</u>	of	<u>Grimes, Iowa</u>
Amount of bid:	<u>\$677,902.66</u>		
Bond surety:	_____		
Date of bond:	_____		
Portion of project:	<u>All construction work</u>		

PASSED AND APPROVED this **18th** day of **December**, 2023.

Mayor

ATTEST:

City Clerk





ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns

 [Print](#)

ORIGINATING DEPARTMENT:
City Manager

COUNCIL GOAL:
Upgrade Essential Infrastructure

ACTION REQUESTED:
Resolution

LEGAL:
No Review Required

SUBJECT:
Proposed 2024-2028 Capital Improvement Program (PH 2023-67)

EXECUTIVE SUMMARY:
The Capital Improvement Program services as a guide for the provision of public improvements, outlining the timing and financing of projects for a five-year period.

For 2024-2028, the capital improvement program totals \$244,866,000. Of this total, 50.70% is identified for transportation projects, 30.25% for municipal utilities (water, sewer and storm water) projects, 13.33% for municipal buildings, 3.53% for park facilities, 1.17% for sidewalks/trails and 1.02% for operating/construction equipment.

FISCAL IMPACT: **Yes**
The capital budget is a significant portion of the fiscal year 2025 budget. It includes the costs associated with the 2024 capital projects, the first year of the 2024-2028 Capital Improvement Program. The remaining four years of the program become a part of the City's long-term financial plan.

CITY MANAGER'S RECOMMENDATIONS:

Recommend approving the 2024-2028 Capital Improvement Program

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

The 2024-2028 Capital Improvement Program was presented and reviewed by the City Council at the November 6, 2023 and November 13, 2023 Council Action Planning Sessions.

PUBLIC OUTREACH EFFORTS:

Notice of public hearing was published in the Des Moines Register on December 8, 2023.

ACTION REQUESTED:

Action: Consider motion to adopt RESOLUTION approving the 2024-2028 Capital Improvement Program.

ADDITIONAL INFORMATION:

ATTACHMENTS:

Click to download
 Resolution
 2024-2028 Capital Improvement Program

RESOLUTION

A RESOLUTION APPROVING THE 2024-2028 CAPITAL IMPROVEMENT PROGRAM

WHEREAS, each year the City reviews and updates its five-year program for capital improvements; and

WHEREAS, investing in capital improvements is essential for the City to maintain its current infrastructure and provide expanded infrastructure to enhance municipal services and provide increased citizen mobility; and

WHEREAS, the planning for capital improvements is important for creating an environment that encourages job creation and business development; and

WHEREAS, over the past few months the City Council has reviewed and developed a schedule of capital projects for the next five years.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Ankeny, Iowa, that the Capital Improvement Program planning document for the years 2024-2028 be approved.

PASSED AND APPROVED this 18th day of December, 2023.

Mark E. Holm, Mayor

ATTEST:

Michelle Yuska, City Clerk



CAPITAL IMPROVEMENT PROGRAM

2024 - 2028

2024-2028

CAPITAL IMPROVEMENT PROGRAM

INTRODUCTION

The capital improvement program serves as a guide for the provision of public improvements and outlines the timing and financing of projects for a five-year period. The capital budget is a significant portion of the fiscal year 2025 budget. It includes the costs associated with the 2024 capital projects, the first year of the 2024-2028 Capital Improvement Program.

The capital improvement program identifies capital needs, establishes priorities and identifies secured and potential funding sources. Key resources used in formulating the capital improvement program include *The Ankeny Plan 2040*, as well as professional studies of facilities, transportation, utilities and drainage needs.

The capital improvement program neither appropriates funds nor authorizes projects. The city council must act to initiate projects. Proceedings to initiate capital improvement program projects are presented to the council when sources of funding are available and the project is set for design and/or construction.

Annually, staff performs an extensive evaluation of capital project requirements, updates the adopted capital improvement program document, incorporates recommended changes, and submits the revised program to the city council for consideration, modification and adoption as a part of the annual budget process.

During the preparation of the recommended capital improvement program, city staff employs judgment to identify which projects can be accomplished within a given year and within the city's financial constraints. As would be expected, project expenditures and revenue estimates for the earlier years are more precise than the later years.

FISCAL OVERVIEW

The 2024-2028 Capital Improvement Program reflects a \$44,844,000 increase in project expenditures over last year's program. This is mostly due to the municipal buildings category and the addition of the Public Works Maintenance Facility Expansion project in 2024, 2025 and 2026. Also, new in this year's capital improvement program is the operating/construction equipment category, which includes the replacement of the fire department's ladder truck in 2028.

GOALS

The city council's goals provide policy guidance for the evaluation of capital improvement program projects. These goals include:

- Upgrade essential infrastructure
- Exercise financial discipline
- Deliver exceptional service
- Enhance quality of life
- Strengthen community engagement
- Ensure economic vitality
- Provide regional leadership
- Become the employer of choice

In addition to these goals, *The Ankeny Plan 2040* serves as the basis for many of the city's policy decisions related to a wide range of issues including capital projects. *The Ankeny Plan 2040* community goals related to the 2024-2028 Capital Improvement Program include:

1. Provide infrastructure investments that correspond to the community's growth potential;
2. Ensure that development within Ankeny and on Ankeny's periphery demonstrates environmental responsibility and adheres to the city's long-term growth goals;
3. Assure that the transportation system is adequate to meeting future demands; and
4. Encourage the development of an interconnected system of parks, trails and civic parkways and maintain a high level of service for recreational facilities as new neighborhoods emerge.

PROCESS

The capital improvement program process includes the submittal of request forms that gather information about capital projects including information on the department, project type and purpose, funding sources, underlying studies, and reasons for the project's timing. This information is combined with other factors such as relevance to city council goals, method of financing and whether or not it is a new or replacement project.

The projects are then evaluated based on the information provided on the forms. The following criteria may be considered when evaluating capital projects:

- Meets legal mandates
- Reduces hazards and improves public safety
- Advances a council goal or priority
- Improves efficiency
- Maintains standards of service
- Supports economic development
- Improves services and convenience
- Affordability
- Improves the quality of life or aesthetic values

These criteria are used as general guidelines that help determine priorities among the capital project requests. Projects are then evaluated and presented to the city council for consideration based on priorities and financial guidelines.

Since the 2024 capital improvement program projects will become part of the adopted fiscal year 2025 budget, the emphasis in the capital improvement program process is on the 2024 capital program. The projects for the remaining four years of the program become part of the city's long-term financial program. Although not an official part of the capital improvement program, an overall summary is included that contains an additional five years of high priority projects.

PROGRAM OVERVIEW

For 2024-2028, the capital improvement program totals \$244,866,000. Of this total, 50.70% is identified for transportation projects, 30.25% for municipal utilities (water, sewer and storm water) projects, 13.33% for municipal buildings, 3.53% for park facilities, 1.17% for sidewalks/trails and 1.02% for operating/construction equipment.

Capital spending authorizations by project category for 2024 include:

Project Category	Expenditure	% of Expenditure
Bridge/Box Culvert	\$ 700,000	1.22%
Municipal Buildings	7,440,000	12.97%
Park Facilities	1,744,000	3.04%
Sanitary Sewers	5,476,000	9.54%
Sidewalks/Trails	575,000	1.00%
Storm Water	1,865,000	3.25%
Streets	20,800,000	36.25%
Traffic Control	2,739,000	4.77%
Water Mains	4,024,000	7.01%
Water Towers/Storage	12,021,000	20.95%
Total	\$ 57,384,000	100.00%

For additional information see the Category Summary and Projects by Category reports in Section 3 of the capital improvement program.

FINANCIAL PLAN

The program represents a concerted effort to ensure that needed capital projects are in place in a timely manner to accommodate growth and development. Staff has worked to mitigate the impact that debt service requirements have on the debt service levy by careful review of the need for projects and the timing of projects.

The financial plan presents a diversified approach to funding the 2024-2028 Capital Improvement Program with 64.12% coming from sources other than property taxes. The plan focuses on finding revenue sources from outside the community to lessen the burden on taxpayers and aggressively seeks partnerships for enhancing the city's infrastructure. The capital improvement program financial plan relies on regular general obligation debt with substantial reinvestment in infrastructure. Typically, any infrastructure reinvestment, such as street rehabilitation, is funded primarily by property taxes from the debt service levy.

Below is a summary of the funding sources for the 2024-2028 Capital Improvement Program.

Funding Source	Revenue	% of Revenue
Property Taxes	\$ 87,847,600	35.88%
Grants and Intergovernmental	26,046,448	10.64%
Tax Increment Financing	13,829,500	5.65%
Municipal Utilities Revenues	81,748,790	33.38%
Miscellaneous Revenues	35,393,662	14.45%
Total	\$ 244,866,000	100.00%

For additional information see the Funding Source Summary and Projects by Funding Source reports in Section 3 of the capital improvement program.

PROPERTY TAXES

Property taxes, specifically those collected through the city's debt service levy, are the largest source of revenue for the capital improvement program representing \$87,847,600, or 35.88%, of the overall financial plan. Property tax revenue is used to make principal and interest payments on general obligation debt issued by the city to pay for infrastructure projects.

There are six types of general obligation debt issued by the city with all types backed by the full faith and credit of the city's taxing authority:

1. Regular general obligation debt—debt service levy
2. Road use tax-abated general obligation debt – reimbursement received from road use tax fund
3. Tax increment financing (TIF)-abated general obligation debt—reimbursement received from tax increment financing fund
4. Water-abated general obligation debt—reimbursement received from water fund
5. Sewer-abated general obligation debt—reimbursement received from sewer fund
6. Storm water-abated general obligation debt—reimbursement received from storm water fund
7. Referendum approved general obligation debt—additional debt service levy authority for capital projects approved by a vote of a super-majority of voters

GRANTS AND INTERGOVERNMENTAL

Each year staff looks for opportunities outside of the normal funding mechanisms (property taxes and utility rates) to assist with the construction of infrastructure projects. These opportunities can include awards of federal and state grants, regional resources, or assistance from other governments. The proposed capital improvement program financial plan identifies \$26,046,448 to be received from grant awards or intergovernmental assistance, representing 10.64% of all revenue sources.

The projects most dependent upon grants and intergovernmental support are the South Ankeny Boulevard Improvements – SE Peterson Drive to 1st Street, North Ankeny Boulevard Improvements – 1st Street to 11th Street and West 1st Street Widening and Improvements – Phase 2. Staff has secured \$11,435,000 from the Iowa Department of Transportation and \$2,846,500 from the Des Moines Area Metropolitan Planning Organization (MPO) for these projects.

For 2024, staff has secured \$787,500 from the Iowa DOT and \$1,973,748 from the Des Moines Area MPO for various transportation projects with the largest being the NE Delaware Avenue Reconstruction – NE 5th Street to NE 18th Street and SW Oralabor Road and SW State Street Intersection Improvements. In addition, \$1,075,000 is anticipated from the Iowa Department of Transportation and Polk County for the SE Creekview Drive Extension and NW 36th Street and NW Weigel Drive Asphalt Overlay projects.

TAX INCREMENT FINANCING

Of the five funding sources, \$13,829,500, or 5.65%, is being financed through TIF abatement. The West 1st Street Widening and Improvements – Phase 2 project is planned for preliminary design in 2024. This project is located within the Ankeny Economic Development Urban Renewal Area.

MUNICIPAL UTILITIES

The municipal utilities (water, sewer and storm water) help support numerous infrastructure projects to ensure each utility can adequately provide service to Ankeny's utility customers. Resources from the utility funds make up \$81,748,790, or 33.38%, of the capital improvement program financial plan.

Projects within the annual utility programs for 2024 include:

- NW Northlawn Area utility improvements;
- Westlawn Place Area utility improvements;
- Sanitary sewer spot repairs, manhole repairs and slip lining; and
- Storm water projects include maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway; replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection; and other minor storm sewer improvements and repairs.

Major utility projects planned for 2024 construction include the Four Mile Creek Trunk Sewer – Phase 2, SE 3rd Street Area Trunk Storm Sewer Improvements, NE 36th Street and NE 38th Street Water Main Loop and Northwest Water Tower.

MISCELLANEOUS REVENUES

The financial plan includes contributions from miscellaneous sources totaling \$35,393,662, or 14.45%, of the 2024-2028 Capital Improvement Program. This includes capital project fund cash balances, capital reserve fund cash balances, hotel/motel tax fund revenues, Otter Creek Golf Course fund cash balances, park dedication fund cash balances, private contributions, road use tax fund revenues and special assessment revenues.

CONCLUSION

This document represents the culmination of a systematic process employed by the city council and staff to develop a five-year program of infrastructure projects critical to the growth of the Ankeny community.

Projects proposed for completion from 2024-2028 will sustain existing infrastructure and support the expansion of new economic development opportunities. It is noted, however, that a significant number of projects will need to be considered in the future. With this in mind, the capital improvement program represents a balanced approach, making prudent investments while targeting construction in areas essential to sustaining Ankeny's commitment to attracting businesses, managing growth, and improving the quality of life.

Section 1

2024 CIP Projects by Funding Source

2024 CIP Projects by Funding Source			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2024	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 820,000	\$ 720,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000								1,355,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,650,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000							100,000				
Annual Pavement Preservation Program	STR-00-003	700,000	700,000											
Annual Street Replacement Program	STR-00-004	1,875,000	875,000									1,000,000		
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,514,000											90,000
Annual Water Main Replacement Program	WTM-00-001	825,000								825,000				
Community Entrance Signs	BLD-18-002	50,000								48,000	2,000			
Fire Station No. 4	BLD-20-002	6,810,000	210,000										6,600,000	
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000								50,000				
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000								200,000				
East of Interstate 35 Land Acquisition	BLD-24-002	330,000								66,000		99,000	165,000	
NE 62nd Street RCB Culvert for Four Mile Creek Tributary	BRG-23-001	700,000	700,000											
High Trestle Trail Experience Park	PRK-22-005	924,000								631,000	293,000			
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000								791,000				
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000								325,000				
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000								730,000				
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000								2,275,000				
Sawgrass Park Dam Improvements	STM-19-004	90,000		90,000										
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	130,000		130,000										
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000		540,000						400,000				
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	20,000	11,600	8,400										
SW Des Moines Street Utility Improvements	STM-24-002	235,000		78,333						156,667				
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	5,850,000	4,100,000						1,750,000					
NW 36th Street and NW Weigel Drive Asphalt Overlay	STR-19-004	2,450,000	2,300,000						150,000					
SW Oralabor Road and SW Edgewood Lane Intersection Improvements	STR-19-006	250,000	50,000						150,000	50,000				
SW Oralabor Road and SW State Street Intersection Improvements	STR-20-008	3,425,000							826,248	2,598,752				
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	375,000	375,000											
West 1st Street Widening and Improvements - Phase 2	STR-22-003	400,000			400,000									
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	500,000	465,000						35,000					
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	150,000	150,000											
SW Magazine Road and SW State Street Intersection Improvements	STR-23-006	475,000	475,000											
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	200,000	200,000											
SE Creekview Drive Extension	STR-24-002	2,025,000							925,000					1,100,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	650,000											
SE Corporate Woods Drive and SE Crosswinds Drive Traffic Signal	TRF-23-002	485,000	405,000											80,000
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000							
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	295,000					295,000							
NE 36th Street and NE 38th Street Water Main Loop	WTM-21-009	2,300,000					2,300,000							
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000							
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000							
		\$ 57,384,000	\$ 16,150,600	\$ 846,733	\$ 400,000	\$ -	\$ 15,220,000	\$ -	\$ 3,836,248	\$ 11,151,419	\$ 295,000	\$ 1,449,000	\$ 6,765,000	\$ 1,270,000

2024 Bond Issue Project Costs	\$ 17,397,333
Cost of Issuance	237,667
Projected 2024 Bond Issue Total	\$ 17,635,000

2025 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2025	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 470,000	\$ 370,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,320,000								1,320,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,675,000	1,675,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	750,000	750,000											
Annual Street Replacement Program	STR-00-004	1,675,000	1,675,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,025,000	975,000						50,000					
Annual Water Main Replacement Program	WTM-00-001	800,000								800,000				
Community Entrance Signs	BLD-18-002	100,000									100,000			
Fire Station No. 4	BLD-20-002	1,370,000											1,370,000	
Public Works Satellite Salt Storage Facility	BLD-21-002	475,000								40,000		435,000		
Public Works Maintenance Facility Expansion	BLD-24-003	1,000,000				1,000,000								
NE 18th Street Bridge over Interstate 35	BRG-22-002	475,000	475,000											
Hawkeye Park Sports Complex Tennis Courts Reconstruction	PRK-18-003	850,000	850,000											
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000	150,000											
Otter Creek Trunk Sewer - Phase 4	SNS-12-001	1,650,000								1,650,000				
SE 3rd Street Trunk Sewer Extension	SNS-20-002	353,000								353,000				
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	425,000								425,000				
Clover Ridge Trunk Sewer Extension	SNS-22-003	105,000								105,000				
Polk County Lift Station Decommissioning	SNS-22-004	154,000								154,000				
Sawgrass Park Dam Improvements	STM-19-004	445,000		445,000										
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	2,160,000		1,040,000					1,120,000					
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	415,000		15,000						400,000				
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	190,000		190,000										
Diamond Hills Greenway Stream Stabilization	STM-22-002	75,000		75,000										
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	900,000	522,000	378,000										
SW Des Moines Street Utility Improvements	STM-24-002	1,515,000		505,000						1,010,000				
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	150,000	150,000											
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	200,000								200,000				
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	4,025,000	4,025,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	125,000			125,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	875,000			875,000									
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	100,000	100,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	5,700,000	1,950,000						3,750,000					
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	925,000	725,000						200,000					
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	215,000	215,000											
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	150,000	150,000											
Fiber Optic Network Upgrade	TRF-23-001	805,000	805,000											
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	2,180,000			320,000		1,860,000							
East Water Tower	WTT-24-001	400,000					400,000							
		\$ 37,772,000	\$16,162,000	\$ 2,648,000	\$ 1,320,000	\$ 1,000,000	\$ 2,260,000	\$ -	\$ 5,120,000	\$ 7,007,000	\$ 100,000	\$ 785,000	\$ 1,370,000	\$ -

2025 Bond Issue Project Costs	\$21,130,000
Cost of Issuance	280,000
Projected 2025 Bond Issue Total	\$21,410,000

2026 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2026	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 495,000	\$ 395,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,345,000								1,345,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,750,000	1,750,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	800,000	800,000											
Annual Street Replacement Program	STR-00-004	1,800,000	1,800,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,185,000	1,185,000											
Annual Water Main Replacement Program	WTM-00-001	825,000								825,000				
Community Entrance Signs	BLD-18-002	100,000									100,000			
Public Works Maintenance Facility Expansion	BLD-24-003	16,250,000				16,250,000								
NE 18th Street Bridge over Interstate 35	BRG-22-002	400,000	400,000											
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	140,000			140,000									
High Trestle Trail Experience Park	PRK-22-005	1,000,000							500,000		500,000			
Prairie Ridge Sports Complex North Parking Lot Overlay	PRK-24-002	1,870,000	1,870,000											
Clover Ridge Trunk Sewer Extension	SNS-22-003	846,000								846,000				
Polk County Lift Station Decommissioning	SNS-22-004	1,672,000								1,672,000				
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	12,000								12,000				
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	1,265,000		596,300					668,700					
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,420,000		1,020,000						400,000				
Diamond Hills Greenway Stream Stabilization	STM-22-002	75,000		75,000										
Saylor Creek Tributary Channel Improvements	STM-22-005	190,000		190,000										
SW Des Moines Street Utility Improvements	STM-24-002	505,000		168,333						336,667				
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	500,000								500,000				
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	200,000												200,000
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	250,000			250,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	4,250,000			2,826,750				1,423,250					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	400,000	400,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	275,000	275,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	2,125,000							300,000	1,825,000				
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	4,160,000	4,160,000											
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	1,050,000	1,050,000											
Fiber Optic Network Upgrade	TRF-23-001	500,000	500,000											
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	128,000					128,000							
East Water Tower	WTT-24-001	10,400,000					10,400,000							
		\$ 59,583,000	\$ 15,185,000	\$ 2,049,633	\$ 3,216,750	\$ 16,250,000	\$ 10,528,000	\$ -	\$ 2,891,950	\$ 8,311,667	\$ 600,000	\$ 350,000	\$ -	\$ 200,000

2026 Bond Issue Project Costs	\$ 36,701,383
Cost of Issuance	438,617
Projected 2026 Bond Issue Total	\$ 37,140,000

2027 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2027	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 520,000	\$ 420,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,395,000								1,395,000				
Annual Storm Water Replacement Program	STM-00-001	450,000								450,000				
Annual PCC Street Patching Program	STR-00-001	1,850,000	1,850,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	850,000	850,000											
Annual Street Replacement Program	STR-00-004	1,900,000	1,900,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,490,000	1,490,000											
Annual Water Main Replacement Program	WTM-00-001	875,000								875,000				
Public Works Maintenance Facility Expansion	BLD-24-003	5,895,000				5,895,000								
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	55,000	55,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	2,250,000	2,250,000											
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	1,250,000			1,250,000									
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	118,000								118,000				
Deer Creek Trunk Sewer Extension	SNS-23-003	216,000								216,000				
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,330,000		930,000						400,000				
Diamond Hills Greenway Stream Stabilization	STM-22-002	1,610,000		1,610,000										
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	160,000		95,000					65,000					
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	270,000		165,000					105,000					
Saylor Creek Tributary Channel Improvements	STM-22-005	210,000		210,000										
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	95,000		45,000					50,000					
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	4,700,000			1,931,000				1,250,000	1,519,000				
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	700,000	410,000											290,000
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	250,000	250,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	375,000			375,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	4,475,000			3,051,750				1,423,250					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	4,500,000	4,500,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	3,500,000	650,000						2,850,000					
Fiber Optic Network Upgrade	TRF-23-001	610,000	610,000											
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	1,172,000					1,172,000							
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	90,000								90,000				
		\$ 44,111,000	\$ 15,835,000	\$ 3,055,000	\$ 6,607,750	\$ 5,895,000	\$ 1,172,000	\$ -	\$ 5,743,250	\$ 5,163,000	\$ -	\$ 350,000	\$ -	\$ 290,000

2027 Bond Issue Project Costs	\$ 31,392,750
Cost of Issuance	392,250
Projected 2027 Bond Issue Total	\$ 31,785,000

2028 CIP Projects by Funding Source

2028 CIP Projects by Funding Source			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2028	Debt Service Levy	Storm Water	Tax Increment Financing	Road Use Tax Water Sewer	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 545,000	\$ 445,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	225,000									350,000		
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,445,000								1,445,000				
Annual Storm Water Replacement Program	STM-00-001	500,000								500,000				
Annual PCC Street Patching Program	STR-00-001	1,950,000	1,950,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000											
Annual Pavement Preservation Program	STR-00-003	900,000	900,000											
Annual Street Replacement Program	STR-00-004	2,000,000	2,000,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,490,000	1,490,000											
Annual Water Main Replacement Program	WTM-00-001	925,000								925,000				
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	385,000	385,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	6,525,000	4,525,000						2,000,000					
Ladder Truck Replacement	OEC-23-001	2,495,000	2,495,000											
High Trestle Trail Experience Park	PRK-22-005	1,000,000							500,000		500,000			
Deer Creek Trunk Sewer Extension	SNS-23-003	2,009,000								2,009,000				
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	150,000		90,000					60,000					
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	260,000		155,000					105,000					
Saylor Creek Tributary Channel Improvements	STM-22-005	3,400,000		3,000,000						400,000				
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	90,000		40,000					50,000					
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	7,325,000	7,325,000											
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	800,000	800,000											
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	3,725,000			2,285,000				1,440,000					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	100,000	100,000											
NE Delaware Avenue Reconstruction - Four Mile Creek to NE 36th Street	STR-23-002	500,000	500,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	5,300,000	1,000,000						4,300,000					
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	60,000					60,000							
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	1,187,000					1,187,000							
		\$ 46,016,000	\$ 24,515,000	\$ 3,285,000	\$ 2,285,000	\$ -	\$ 1,247,000	\$ -	\$ 8,455,000	\$ 5,379,000	\$ 500,000	\$ 350,000	\$ -	\$ -

2028 Bond Issue Project Costs	\$ 30,085,000
Cost of Issuance	370,000
Projected 2028 Bond Issue Total	\$ 30,455,000

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Projected
2028

<u>Annual Sanitary Sewer Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,976,615	\$ 1,342,325	\$ 987,325	\$ 767,325	\$ 622,325	\$ 527,325
Transfers In						
Sewer Fund	\$ 700,000	\$ 1,000,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000
Total Transfers In	\$ 700,000	\$ 1,000,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000	\$ 1,400,000
Project Expenditures						
Sanitary Sewer Oversizing	\$ 49,845	\$ 30,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
Sanitary Sewer Spot Repairs, Manhole Repairs and Slip Lining	\$ 566,549	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000	\$ 575,000
NW Northlawn Area Utility Improvements	\$ 717,897	\$ 650,000	\$ 675,000			
Westlawn Place Area Utility Improvements		\$ 100,000	\$ 50,000	\$ 750,000	\$ 800,000	\$ 850,000
Total Project Expenditures	\$ 1,334,291	\$ 1,355,000	\$ 1,320,000	\$ 1,345,000	\$ 1,395,000	\$ 1,445,000
Remaining Cash Balance	<u>\$ 1,342,325</u>	<u>\$ 987,325</u>	<u>\$ 767,325</u>	<u>\$ 622,325</u>	<u>\$ 527,325</u>	<u>\$ 482,325</u>

<u>Annual Storm Water Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 413,688	\$ 436,944	\$ 386,944	\$ 336,944	\$ 336,944	\$ 336,944
<u>Transfers In</u>						
Storm Water Fund	\$ 350,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 500,000
Total Transfers In	\$ 350,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 500,000
<u>Project Expenditures</u>						
Small open cut repairs to storm sewers and/or structures near NW Briargate Drive, 700 block of NE 5th Street, SW 2nd Court, 1500 block of NW Linwood Street, 700 block of NE Hayes Drive and NE 31st Street and NE Trilein Drive	\$ 133,550					
Repairs to flow control structures/orifice plates in Renaissance Park, NE Briarwood Drive and the Public Services Building	\$ 5,000					
Erosion repairs at SW Ordinance Road and SW State Street and NW Greenwood Street	\$ 17,000					
Cost share to repair/replace culvert under SW Ankeny Road	\$ 25,000					
Maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway	\$ 101,079	\$ 200,000				
Replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection		\$ 155,000				
Drainage improvements on North Creek Trail near North Creek Park		\$ 20,000				
Four Mile Creek storm sewer outlet repairs		\$ 30,000				
Storm water conservation projects	\$ 15,000	\$ 10,000				
Minor storm water management and storm sewer improvements and repairs	\$ 30,115	\$ 35,000				
Storm water projects (TBD)			\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000
Total Project Expenditures	\$ 326,744	\$ 450,000	\$ 450,000	\$ 450,000	\$ 450,000	\$ 500,000
Remaining Cash Balance	\$ 436,944	\$ 386,944	\$ 336,944	\$ 336,944	\$ 336,944	\$ 336,944

<u>Annual Asphalt Street Resurfacing Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 268,331	\$ 353,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986
Transfers In						
General Obligation Bonds	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Total Transfers In	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Project Expenditures						
SE Corporate Woods Drive HMA Overlay - SE Four Mile Drive to Corporate Limits (cost share with Polk County)	\$ 32,105					
SW Ordinance Road HMA Overlay - SW Cherry Street to SW Railroad Drive	\$ 282,240					
County NE 38th Street HMA Overlay - East 1st Street to NE 18th Street (cost share with Polk County)	\$ 75,000					
SW Ordinance Road HMA Overlay - SW Westview Drive to SW Maple Street		\$ 375,000				
NE Frisk Drive HMA Overlay - East 1st Street to NE 18th Street (cost share with Polk County)		\$ 100,000				
SW Ordinance Road HMA Overlay - SW State Street to SW Westview Drive			\$ 300,000			
NW 54th Street HMA Overlay - City Limits to North Ankeny Boulevard (cost share with Polk County)			\$ 75,000			
Asphalt Street Resurfacing (TBD)				\$ 375,000	\$ 375,000	\$ 375,000
Total Project Expenditures	\$ 389,345	\$ 475,000	\$ 375,000	\$ 375,000	\$ 375,000	\$ 375,000
Remaining Cash Balance	\$ 353,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986	\$ 253,986

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Projected
2028

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2024

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2026

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2027

Projected
2028

<u>Annual Traffic Signal Improvement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,039,349	\$ 171,524	\$ 171,524	\$ 171,524	\$ 171,524	\$ 171,524
<u>Transfers In</u>						
General Obligation Bonds	\$ 875,000	\$ 1,514,000	\$ 975,000	\$ 1,185,000	\$ 1,490,000	\$ 1,490,000
Road Use Tax Fund	\$ 400,000					
Developer Contributions		\$ 90,000				
Polk County			\$ 50,000			
Total Transfers In	\$ 1,275,000	\$ 1,604,000	\$ 1,025,000	\$ 1,185,000	\$ 1,490,000	\$ 1,490,000
<u>Project Expenditures</u>						
SE Delaware Avenue and SE 8th Street Traffic Signal, Left Turn Lanes and Fiber Optic Connection	\$ 6,574					
North Ankeny Boulevard and NE 54th Street Traffic Signal and Left Turn Lanes	\$ 159,125					
SE Corporate Woods Drive and SE Convenience Boulevard Traffic Signal and Lane Modifications Cost Share	\$ 174,524					
North Ankeny Boulevard Fiber Optic Upgrade - 1st Street to 18th Street	\$ 69,089					
SE Quadrant Fiber Optic Upgrade, Phase 1 - Public Works Maintenance Facility to Gay Lea Wilson Trail	\$ 89,532					
SW State Street and SW 11th Street Traffic Signal Cost Share	\$ 150,000					
SE Delaware Avenue Fiber Optic Connection	\$ 23,475					
Northwest Elementary School Signal Replacement	\$ 6,038					
2023 Fiber Optic Cable	\$ 47,718					
2023 Fiber Optic Equipment	\$ 21,263					
NW 36th Street Fiber Optic Redundancy	\$ 62,895					
High Trestle Trail Rectangular Rapid Flashing Beacons - SE Magazine Road and SE Shurfine Drive	\$ 59,672					
NW Prairie Ridge Drive, NW Ash Drive and NW 9th Street Intersection Concept Study	\$ 34,670					
SE Oralabor Road, SE Convenience Boulevard and SE Creekview Drive Traffic Signal Replacement	\$ 918,460					

<u>Annual Water Main Replacement Program</u>	<u>Projected 2023</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>
Beginning Cash Balance	\$ 1,116,942	\$ 893,439	\$ 768,439	\$ 693,439	\$ 618,439	\$ 518,439
<u>Transfers In</u>						
Water Fund	\$ 600,000	\$ 700,000	\$ 725,000	\$ 750,000	\$ 775,000	\$ 800,000
Total Transfers In	\$ 600,000	\$ 700,000	\$ 725,000	\$ 750,000	\$ 775,000	\$ 800,000
<u>Project Expenditures</u>						
Water Main Oversizing	\$ 105,605	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
NW Northlawn Area Utility Improvements	\$ 717,897	\$ 650,000	\$ 675,000			
Westlawn Place Area Utility Improvements		\$ 100,000	\$ 50,000	\$ 750,000	\$ 800,000	\$ 850,000
Total Project Expenditures	\$ 823,502	\$ 825,000	\$ 800,000	\$ 825,000	\$ 875,000	\$ 925,000
Remaining Cash Balance	\$ 893,439	\$ 768,439	\$ 693,439	\$ 618,439	\$ 518,439	\$ 393,439

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
ANNUAL PROGRAMS								
Annual Park Development Program	PRK-00-002	\$ 820,000	\$ 470,000	\$ 495,000	\$ 520,000	\$ 545,000	\$ 3,100,000	\$ 5,950,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	575,000	575,000	575,000	575,000	2,875,000	5,750,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	8,500,000	15,360,000
Annual Storm Water Replacement Program	STM-00-001	450,000	450,000	450,000	450,000	500,000	2,800,000	5,100,000
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	11,250,000	20,125,000
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000	375,000	375,000	375,000	1,875,000	3,850,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	5,250,000	9,250,000
Annual Street Replacement Program	STR-00-004	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	11,500,000	20,750,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	8,200,000	14,994,000
Annual Water Main Replacement Program	WTM-00-001	825,000	800,000	825,000	875,000	925,000	4,375,000	8,625,000
BUILDINGS								
Community Entrance Signs	BLD-18-002	50,000	100,000	100,000	-	-	-	250,000
Fire Station No. 4	BLD-20-002	6,810,000	1,370,000	-	-	-	-	8,180,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	475,000	-	-	-	-	525,000
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000	-	-	-	-	-	200,000
East of Interstate 35 Land Acquisition	BLD-24-002	330,000	-	-	-	-	-	330,000
Public Works Maintenance Facility Expansion	BLD-24-003	-	1,000,000	16,250,000	5,895,000	-	-	23,145,000
City Hall and Public Services Building Expansion	Buildings	-	-	-	-	-	12,325,000	12,325,000
Fire Station No. 5	Buildings	-	-	-	-	-	9,645,000	9,645,000
Police Headquarters Remodel	Buildings	-	-	-	-	-	5,656,000	5,656,000
BRIDGES								
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	-	-	-	55,000	385,000	-	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002	-	475,000	400,000	2,250,000	6,525,000	7,200,000	16,850,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	-	-	140,000	1,250,000	-	-	1,390,000
NE 62nd Street RCB Culvert for Four Mile Creek Tributary	BRG-23-001	700,000	-	-	-	-	-	700,000
SE Corporate Woods Drive Railroad Overpass	Bridges	-	-	-	-	-	23,500,000	23,500,000
OPERATING/CONSTRUCTION EQUIPMENT								
Ladder Truck Replacement	OEC-23-001	-	-	-	-	2,495,000	-	2,495,000
PARKS								
Hawkeye Park Sports Complex Tennis Courts Reconstruction	PRK-18-003	-	850,000	-	-	-	-	850,000

2024-2028 Capital Improvement Program Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
High Trestle Trail Experience Park	PRK-22-005	924,000	-	1,000,000	-	1,000,000	1,766,000	4,690,000
Sunrise Park Parking Lot Overlay	PRK-24-001	-	150,000	-	-	-	-	150,000
Prairie Ridge Sports Complex North Parking Lot Overlay	PRK-24-002	-	-	1,870,000	-	-	-	1,870,000
Mini-Pitch Soccer System	PRK-22-001	-	-	-	-	-	225,000	225,000
Prairie Ridge Sports Complex East Parking Lot Overlay	PRK-24-003	-	-	-	-	-	1,675,000	1,675,000
Prairie Ridge Sports Complex Softball Batting Cage Replacement	PRK-24-004	-	-	-	-	-	285,000	285,000
Rally Complex Field Lighting	PRK-24-006	-	-	-	-	-	350,000	350,000
Chautauqua and Promenade Park Development	Parks	-	-	-	-	-	6,600,000	6,600,000
Heritage Park Redevelopment and Expansion	Parks	-	-	-	-	-	700,000	700,000
SIDEWALKS/TRAILS								
Clover Ridge Trail	SDW-21-002	-	-	-	-	-	175,000	175,000
SW Ankeny Road Sidewalk Improvements	SDW-22-001	-	-	-	-	-	830,000	830,000
Four Mile Creek Trail - NE 47th Street to NE 54th Street	Sidewalks/Trails	-	-	-	-	-	550,000	550,000
Hidden Creek Trail - NW 5th Street to NW 13th Street	Sidewalks/Trails	-	-	-	-	-	890,000	890,000
NE Frisk Drive Sidewalk Connection	Sidewalks/Trails	-	-	-	-	-	725,000	725,000
SE Delaware Avenue Retaining Wall Replacement	Sidewalks/Trails	-	-	-	-	-	700,000	700,000
SANITARY SEWERS								
Otter Creek Trunk Sewer - Phase 4	SNS-12-001	-	1,650,000	-	-	-	-	1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000	-	-	-	-	1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	425,000	-	-	-	-	750,000
Clover Ridge Trunk Sewer Extension	SNS-22-003	-	105,000	846,000	-	-	-	951,000
Polk County Lift Station Decommissioning	SNS-22-004	-	154,000	1,672,000	-	-	-	1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002	-	-	12,000	118,000	-	-	130,000
Deer Creek Trunk Sewer Extension	SNS-23-003	-	-	-	216,000	2,009,000	-	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000	-	-	-	-	-	730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000	-	-	-	-	-	2,275,000
John Deere Lift Station Replacement	Sanitary Sewers	-	-	-	-	-	1,200,000	1,200,000
Sanitary Sewer Evaluation Survey - Central Basin	Sanitary Sewers	-	-	-	-	-	1,200,000	1,200,000
Saylor Creek Lift Station Study and Updates	Sanitary Sewers	-	-	-	-	-	1,000,000	1,000,000
STORM WATER								
Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000	-	-	-	-	535,000

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	130,000	2,160,000	1,265,000	-	-	-	3,555,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000	415,000	-	-	-	-	1,355,000
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	-	190,000	1,420,000	1,330,000	-	-	2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002	-	75,000	75,000	1,610,000	-	-	1,760,000
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	-	-	-	160,000	150,000	1,320,000	1,630,000
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	-	-	-	270,000	260,000	2,265,000	2,795,000
Saylor Creek Tributary Channel Improvements	STM-22-005	-	-	190,000	210,000	3,400,000	-	3,800,000
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	-	-	-	95,000	90,000	770,000	955,000
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	20,000	900,000	-	-	-	-	920,000
SW Des Moines Street Utility Improvements	STM-24-002	235,000	1,515,000	505,000	-	-	-	2,255,000
STREETS								
NE Delaware Avenue Reconstruction - NE 5th Street to NE 18th Street	STR-14-006	5,850,000	150,000	-	-	-	-	6,000,000
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	-	200,000	500,000	4,700,000	-	-	5,400,000
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	-	-	200,000	700,000	7,325,000	125,000	8,350,000
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	-	-	-	250,000	800,000	7,950,000	9,000,000
NW 36th Street and NW Weigel Drive Asphalt Overlay	STR-19-004	2,450,000	-	-	-	-	-	2,450,000
SW Oralabor Road and SW Edgewood Lane Intersection Improvements	STR-19-006	250,000	-	-	-	-	-	250,000
SW Oralabor Road and SW State Street Intersection Improvements	STR-20-008	3,425,000	-	-	-	-	-	3,425,000
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	375,000	4,025,000	-	-	-	-	4,400,000
South Ankeny Boulevard and SE Oralabor Road Safety Improvements	STR-21-005	-	125,000	250,000	375,000	3,725,000	3,725,000	8,200,000
West 1st Street Widening and Improvements - Phase 2	STR-22-003	400,000	875,000	4,250,000	4,475,000	-	-	10,000,000
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	-	100,000	400,000	4,500,000	100,000	-	5,100,000
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	500,000	5,700,000	275,000	-	-	-	6,475,000
NE Delaware Avenue Reconstruction - Four Mile Creek to NE 36th Street	STR-23-002	-	-	-	-	500,000	9,450,000	9,950,000
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	150,000	925,000	2,125,000	3,500,000	5,300,000	-	12,000,000
SW Magazine Road and SW State Street Intersection Improvements	STR-23-006	475,000	-	-	-	-	-	475,000
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	200,000	215,000	4,160,000	-	-	-	4,575,000
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	-	150,000	1,050,000	-	-	-	1,200,000
SE Creekview Drive Extension	STR-24-003	2,025,000	-	-	-	-	-	2,025,000
East 1st Street Widening - NE Frisk Drive to NE Four Mile Drive	Streets	-	-	-	-	-	12,250,000	12,250,000

2024-2028 Capital Improvement Program								
Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2024	2025	2026	2027	2028	High Priority Projects	Project Cost
NW 36th Street Widening - NW State Street to NW Ash Drive	Streets	-	-	-	-	-	5,125,000	5,125,000
NW State Street Extension - NW 36th Street to NW 54th Street	Streets	-	-	-	-	-	20,150,000	20,150,000
NW State Street Widening and Pavement Rehabilitation - West 1st Street to NW 18th Street	Streets	-	-	-	-	-	5,900,000	5,900,000
SW 4th Street Reconstruction - SW Maple Street to SW Cherry Street	Streets	-	-	-	-	-	800,000	800,000
TRAFFIC								
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000	-	-	2,565,000
SE Corporate Woods Drive and SE Crosswinds Drive Traffic Signal	TRF-23-002	485,000	-	-	-	-	-	485,000
SE Delaware Avenue Capacity Improvements - SE Oralabor Road to SE 16th Court	Traffic	-	-	-	-	-	1,970,000	1,970,000
Traffic Signal Development Agreements	Traffic	-	-	-	-	-	2,250,000	2,250,000
WATER								
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000	-	-	-	-	-	604,000
South Ankeny Boulevard Water Main Improvements - SE Peterson Street to SW Ordnance Road	WTM-19-001	-	-	128,000	1,172,000	-	-	1,300,000
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	295,000	2,180,000	-	-	-	-	2,475,000
NE 36th Street and NE 38th Street Water Main Loop	WTM-21-009	2,300,000	-	-	-	-	-	2,300,000
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	-	-	-	-	60,000	565,000	625,000
Northwest Water Tower	WTT-19-002	11,295,000	-	-	-	-	-	11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000	-	-	-	-	-	726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001	-	-	-	90,000	1,187,000	-	1,277,000
East Water Tower	WTT-24-001	-	400,000	10,400,000	-	-	-	10,800,000
Aquifer Storage and Recovery Well No. 2 Rehabilitation	Water	-	-	-	-	-	1,330,000	1,330,000
NW State Street Water Main Improvements	Water	-	-	-	-	-	1,475,000	1,475,000
SE Corporate Woods Drive Transmission Main	Water	-	-	-	-	-	3,800,000	3,800,000
SW Oralabor Road Transmission Main	Water	-	-	-	-	-	4,950,000	4,950,000
	Year Totals	\$ 57,384,000	\$ 37,772,000	\$ 59,583,000	\$ 44,111,000	\$ 46,016,000	\$ 223,092,000	\$ 467,958,000

Section 2

City of Ankeny, Iowa
Financial Planning for Capital Projects
Projection of Tax Levies & Tax Rate Impact

EXHIBIT 1

FY25 Pre-Levy => 5,192,576

Debt Service Levy Impact	
Tax Impact for FY 23-24:	(\$0.05)
Tax Impact for FY 24-25:	\$0.00
Tax Impact for FY 25-26:	\$0.00
Tax Impact for FY 26-27:	\$0.00

									Par	\$16,365,000	\$16,365,000	\$15,360,000	\$16,025,000	\$24,815,000						Ending
									Proceeds	\$16,150,600	\$16,162,000	\$15,185,000	\$15,835,000	\$24,515,000	Estimated	Bond	Other	Total	Surplus/	Cash/Fund
Fiscal Year	Total Tax		Taxes	Debt	Utility/	Misc	Property	Total	Existing	2024	2025	2026	2027	2028	Future	Fees	Uses	Uses	(Deficit)	Balance
Valuation	Growth	Levied	Levy	Abatement	Income		Backfill	Resources	GO Debt	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	GO Bonds					
2018 - 2019	3,531,530,661	13.3%	13,243,241	\$3.7500	7,801,688	118,225	355,273	21,518,427	21,801,317							7,100	(1,115)	21,807,302	(288,875)	1,860,091
2019 - 2020	3,842,245,193	8.8%	13,447,858	\$3.5000	8,617,551	74,261	343,629	22,483,299	22,703,697							7,700	125,359	22,836,756	(353,457)	1,506,634
2020 - 2021	4,177,177,183	8.7%	13,575,825	\$3.2500	9,326,128	131,197	335,718	23,368,868	23,334,941							6,842	(135,238)	23,206,545	162,323	1,668,957
2021 - 2022	4,456,458,887	6.7%	14,260,668	\$3.2000	8,824,235	3,242	342,757	23,430,902	23,356,250							6,400	(98,317)	23,264,334	166,569	1,835,526
2022 - 2023	4,827,690,725	8.3%	14,724,457	\$3.0500	9,158,442	101,093	276,946	24,260,938	24,199,486							6,000		24,205,486	55,452	1,890,978
2023 - 2024	5,049,775,865	4.6%	15,149,328	\$3.0000	9,525,673	44,000	304,464	25,023,465	25,020,307							6,600		25,026,907	(3,442)	1,887,536
2024 - 2025	5,723,685,198	13.3%	17,171,056	\$3.0000	8,282,827	44,000	234,783	25,732,665	20,531,763	5,192,576						6,700		25,731,038	1,627	1,889,163
2025 - 2026	5,999,830,555	4.8%	17,999,492	\$3.0000	7,842,088	44,000	167,379	26,052,958	18,674,019	4,869,400	2,502,576					6,800		26,052,794	164	1,889,327
2026 - 2027	6,011,536,137	0.2%	18,034,608	\$3.0000	7,364,263	44,000	100,053	25,542,924	17,688,781	1,243,125	2,757,350	3,841,840				6,900		25,537,996	4,928	1,894,255
2027 - 2028	6,261,932,503	4.2%	18,785,798	\$3.0000	6,192,394	44,000	100,053	25,122,244	15,926,300	1,243,575	2,025,375	3,415,350	2,503,720			7,000		25,121,320	924	1,895,179
2028 - 2029	6,268,465,514	0.1%	18,805,397	\$3.0000	3,894,544	44,000	100,053	22,843,993	8,944,175	1,241,550	2,022,775	3,539,925	3,267,550	3,821,199		6,000		22,843,174	820	1,895,999
2029 - 2030	6,387,566,359	1.9%	19,162,699	\$3.0000	1,567,344	44,000	100,053	20,874,096	4,391,825	1,242,050	2,021,325	1,164,375	3,436,425	3,915,350	4,674,161	6,000		20,851,511	22,585	1,918,584

Debt Limit Projection

Based on Constitutional Limit:
5% of Assessed Valuation

Outstanding Debt

Issue Date	Maturity Date	Outstanding Debt
12/22/14	06/01/28	\$ 9,790,000
05/28/15	06/01/25	1,570,000
05/28/15	06/01/24	280,000
03/31/16	06/01/28	2,645,000
05/25/16	06/01/26	2,710,000
05/31/17	06/01/27	3,740,000
05/30/18	06/01/28	8,070,000
05/28/19	06/01/29	11,720,000
06/09/20	06/01/30	8,165,000
06/09/21	06/01/31	15,245,000
05/25/22	06/01/37	26,725,000
06/21/23	06/01/33	13,790,000
Rebate & Lease Agreements		7,401,092
Total Outstanding Debt		\$ 111,851,092

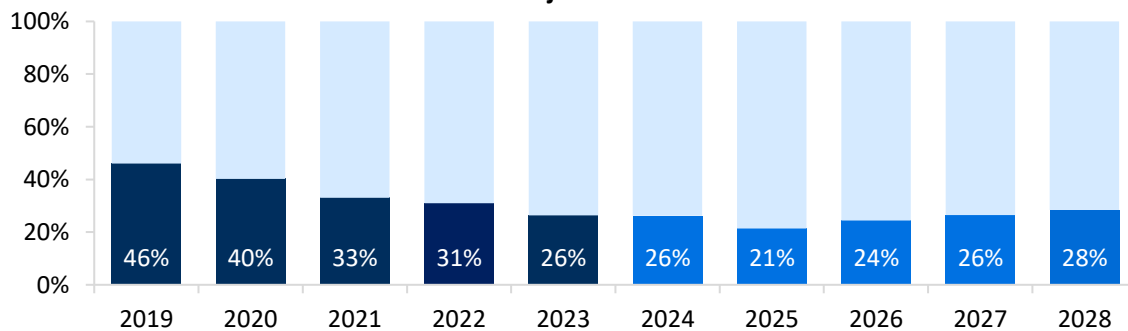
Projected Debt

Bond Year	Debt Addition	Debt Reduction	Change in Rebates	Net Change	Projected Outstanding Debt
2024	\$ 17,635,000	\$ 20,450,000	\$ -	\$ (2,815,000)	\$ 109,036,092
2025	21,410,000	16,850,000	(384,715)	4,175,285	113,211,377
2026	37,140,000	15,775,000	(1,678,719)	19,686,281	132,897,659
2027	31,785,000	15,485,000	(1,873,820)	14,426,180	147,323,839
2028	30,455,000	14,395,000	(880,301)	15,179,699	162,503,538

Calculation of Legal Debt Limit

FY	Assessed Value	Debt Limit Value (5%)	Projected Outstanding Debt	Unused Debt Limit	% of Debt Limit Used
2024	8,329,098,390	\$ 416,454,920	\$ 109,036,092	\$ 307,418,827	26%
2025	10,605,039,333	530,251,967	113,211,377	417,040,589	21%
2026	10,873,164,527	543,658,226	132,897,659	410,760,568	24%
2027	11,149,333,477	557,466,674	147,323,839	410,142,835	26%
2028	11,433,787,495	571,689,375	162,503,538	409,185,836	28%

Historical and Projected Use of Debt Limit



Section 3

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
2024 thru 2028

CATEGORY SUMMARY

Category	2024	2025	2026	2027	2028	Total
Bridge/Box Culvert	700,000	475,000	540,000	3,555,000	6,910,000	12,180,000
Municipal Buildings	7,440,000	2,945,000	16,350,000	5,895,000		32,630,000
Operating/Construction Equipment					2,495,000	2,495,000
Park Facilities	1,744,000	1,470,000	3,365,000	520,000	1,545,000	8,644,000
Sanitary Sewers	5,476,000	4,007,000	3,875,000	1,729,000	3,454,000	18,541,000
Sidewalks/Trails	575,000	575,000	575,000	575,000	575,000	2,875,000
Storm Water	1,865,000	6,150,000	3,905,000	4,125,000	4,400,000	20,445,000
Streets and Alleys	20,800,000	16,940,000	17,935,000	23,475,000	22,975,000	102,125,000
Traffic Control	2,739,000	1,830,000	1,685,000	2,100,000	1,490,000	9,844,000
Water Mains	4,024,000	2,980,000	953,000	2,047,000	985,000	10,989,000
Water Towers/Storage	12,021,000	400,000	10,400,000	90,000	1,187,000	24,098,000
TOTAL	57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
 2024 thru 2028

PROJECTS BY CATEGORY

Category	Project #	2024	2025	2026	2027	2028	Total
Bridge/Box Culvert							
SE Frisk Drive RCB Culvert for Four Mile Creek	BRG-20-001				55,000	385,000	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002		475,000	400,000	2,250,000	6,525,000	9,650,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004			140,000	1,250,000		1,390,000
NE 62nd Street RCB Culvert for Four Mile Tributary	BRG-23-001	700,000					700,000
Bridge/Box Culvert Total		700,000	475,000	540,000	3,555,000	6,910,000	12,180,000
Municipal Buildings							
Community Entrance Signs	BLD-18-002	50,000	100,000	100,000			250,000
Fire Station No. 4	BLD-20-002	6,810,000	1,370,000				8,180,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	475,000				525,000
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000					200,000
East of Interstate 35 Land Acquisition	BLD-24-002	330,000					330,000
Public Works Maintenance Facility Expansion	BLD-24-003		1,000,000	16,250,000	5,895,000		23,145,000
Municipal Buildings Total		7,440,000	2,945,000	16,350,000	5,895,000		32,630,000
Operating/Construction Equipment							
Ladder Truck Replacement	OEC 23-001					2,495,000	2,495,000
Operating/Construction Equipment Total						2,495,000	2,495,000
Park Facilities							
Annual Park Development Program	PRK-00-002	820,000	470,000	495,000	520,000	545,000	2,850,000
Hawkeye Park Tennis Courts Reconstruction	PRK-18-003		850,000				850,000
High Trestle Trail Experience Park	PRK-22-005	924,000		1,000,000		1,000,000	2,924,000
Sunrise Park Parking Lot Overlay	PRK-24-001		150,000				150,000
Prairie Ridge Sports Complex N Parking Lot Overlay	PRK-24-002			1,870,000			1,870,000
Park Facilities Total		1,744,000	1,470,000	3,365,000	520,000	1,545,000	8,644,000
Sanitary Sewers							
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,650,000				1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000				1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	425,000				750,000
Clover Ridge Trunk Sewer Extension	SNS-22-003		105,000	846,000			951,000
Polk County Lift Station Decommissioning	SNS-22-004		154,000	1,672,000			1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002			12,000	118,000		130,000
Deer Creek Trunk Sewer Extension	SNS-23-003				216,000	2,009,000	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000					730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	2,275,000					2,275,000
Sanitary Sewers Total		5,476,000	4,007,000	3,875,000	1,729,000	3,454,000	18,541,000

Category	Project #	2024	2025	2026	2027	2028	Total
Sidewalks/Trails							
Annual Sidewalk/Trail Construction Program	SDW-00-001	575,000	575,000	575,000	575,000	575,000	2,875,000
Sidewalks/Trails Total		575,000	575,000	575,000	575,000	575,000	2,875,000
Storm Water							
Annual Storm Water Replacement Program	STM-00-001	450,000	450,000	450,000	450,000	500,000	2,300,000
Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000				535,000
Four Mile Creek and Tributary Stabilization	STM-20-001	130,000	2,160,000	1,265,000			3,555,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	940,000	415,000				1,355,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,420,000	1,330,000		2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002		75,000	75,000	1,610,000		1,760,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				160,000	150,000	310,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				270,000	260,000	530,000
Saylor Creek Tributary Channel Improvements	STM-22-005			190,000	210,000	3,400,000	3,800,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				95,000	90,000	185,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	20,000	900,000				920,000
SW Des Moines Street Utility Improvements	STM-24-002	235,000	1,515,000	505,000			2,255,000
Storm Water Total		1,865,000	6,150,000	3,905,000	4,125,000	4,400,000	20,445,000
Streets and Alleys							
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	375,000	375,000	375,000	375,000	1,975,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	4,000,000
Annual Street Replacement Program	STR-00-004	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	5,850,000	150,000				6,000,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003		200,000	500,000	4,700,000		5,400,000
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003			200,000	700,000	7,325,000	8,225,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004				250,000	800,000	1,050,000
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	2,450,000					2,450,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	250,000					250,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	3,425,000					3,425,000
NW Irvinedale Dr and NW 18th St Intersection	STR-21-004	375,000	4,025,000				4,400,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005		125,000	250,000	375,000	3,725,000	4,475,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	400,000	875,000	4,250,000	4,475,000		10,000,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	STR-22-004		100,000	400,000	4,500,000	100,000	5,100,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	500,000	5,700,000	275,000			6,475,000
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002					500,000	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000
SW Magazine & State St Intersection Improvements	STR-23-006	475,000					475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	STR-24-001	200,000	215,000	4,160,000			4,575,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	STR-24-002		150,000	1,050,000			1,200,000
SE Creekview Drive Extension	STR-24-003	2,025,000					2,025,000
Streets and Alleys Total		20,800,000	16,940,000	17,935,000	23,475,000	22,975,000	102,125,000
Traffic Control							
Annual Traffic Signal Improvement Program	TRF-00-001	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000		2,565,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	485,000					485,000
Traffic Control Total		2,739,000	1,830,000	1,685,000	2,100,000	1,490,000	9,844,000
Water Mains							
Annual Water Main Replacement Program	WTM-00-001	825,000	800,000	825,000	875,000	925,000	4,250,000
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000

Category	Project #	2024	2025	2026	2027	2028	Total
South Ankeny Boulevard Water Main Improvements	WTM-19-001			128,000	1,172,000		1,300,000
SW Walnut Street and SW Ordnance Road Water Main	WTM-20-002	295,000	2,180,000				2,475,000
NE 36th St and NE 38th St Water Main Loop	WTM-21-009	2,300,000					2,300,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001					60,000	60,000
Water Mains Total		4,024,000	2,980,000	953,000	2,047,000	985,000	10,989,000
Water Towers/Storage							
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001				90,000	1,187,000	1,277,000
East Water Tower	WTT-24-001		400,000	10,400,000			10,800,000
Water Towers/Storage Total		12,021,000	400,000	10,400,000	90,000	1,187,000	24,098,000
GRAND TOTAL		57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
 2024 thru 2028

PROJECTS BY YEAR

Project Name	Department	Project #	Project Cost
2024			
Community Entrance Signs	Administration	BLD-18-002	50,000
Fire Station No. 4	Administration	BLD-20-002	6,810,000
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	50,000
Otter Creek Golf Course Clubhouse Renovations	Parks and Recreation	BLD-24-001	200,000
East of Interstate 35 Land Acquisition	Administration	BLD-24-002	330,000
NE 62nd Street RCB Culvert for Four Mile Tributary	Public Works	BRG-23-001	700,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	820,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	924,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,355,000
SE 3rd Street Trunk Sewer Extension	Sewer Utility	SNS-20-002	791,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	325,000
Fire Station No. 4 Sanitary Sewer	Sewer Utility	SNS-24-001	730,000
Four Mile Creek Trunk Sewer - Phase 2	Sewer Utility	SNS-24-002	2,275,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Sawgrass Park Dam Improvements	Storm Water Utility	STM-19-004	90,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	130,000
SE 3rd Street Area Trunk Storm Sewer Improvements	Storm Water Utility	STM-20-006	940,000
NW 17th St Storm Sewer and Pavement Improvements	Storm Water Utility	STM-24-001	20,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	235,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,650,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	475,000
Annual Pavement Preservation Program	Public Works	STR-00-003	700,000
Annual Street Replacement Program	Public Works	STR-00-004	1,875,000
NE Delaware Avenue Reconstruction-5th to 18th	Public Works	STR-14-006	5,850,000
NW 36th St and NW Weigel Dr Asphalt Overlay	Public Works	STR-19-004	2,450,000
SW Oralabor Rd and SW Edgewood Ln Intersection	Public Works	STR-19-006	250,000
SW Oralabor Rd and SW State St Intersection	Public Works	STR-20-008	3,425,000
NW Irvindale Dr and NW 18th St Intersection	Public Works	STR-21-004	375,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	400,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	150,000
SW Magazine & State St Intersection Improvements	Public Works	STR-23-006	475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	200,000
SE Creekview Drive Extension	Public Works	STR-24-003	2,025,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,604,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	650,000
SE Corporate Woods and Crosswinds Traffic Signal	Public Works	TRF-23-002	485,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	825,000
Saylorville Feeder Main Purchase Capacity	Water Utility	WTM-17-008	604,000
SW Walnut Street and SW Ordnance Road Water Main	Water Utility	WTM-20-002	295,000
NE 36th St and NE 38th St Water Main Loop	Water Utility	WTM-21-009	2,300,000
Northwest Water Tower	Water Utility	WTT-19-002	11,295,000
SE Magazine Ground Storage Tank Repaint	Water Utility	WTT-20-002	726,000

Project Name	Department	Project #	Project Cost
Total for 2024			57,384,000
2025			
Community Entrance Signs	Administration	BLD-18-002	100,000
Fire Station No. 4	Administration	BLD-20-002	1,370,000
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	475,000
Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	1,000,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	475,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	470,000
Hawkeye Park Tennis Courts Reconstruction	Parks and Recreation	PRK-18-003	850,000
Sunrise Park Parking Lot Overlay	Parks and Recreation	PRK-24-001	150,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,320,000
Otter Creek Trunk Sewer-Phase 4	Sewer Utility	SNS-12-001	1,650,000
SE 3rd Street Trunk Sewer Extension	Sewer Utility	SNS-20-002	353,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	425,000
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	105,000
Polk County Lift Station Decommissioning	Sewer Utility	SNS-22-004	154,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Sawgrass Park Dam Improvements	Storm Water Utility	STM-19-004	445,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	2,160,000
SE 3rd Street Area Trunk Storm Sewer Improvements	Storm Water Utility	STM-20-006	415,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	190,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	75,000
NW 17th St Storm Sewer and Pavement Improvements	Storm Water Utility	STM-24-001	900,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	1,515,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,675,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	750,000
Annual Street Replacement Program	Public Works	STR-00-004	1,675,000
NE Delaware Avenue Reconstruction-5th to 18th	Public Works	STR-14-006	150,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	200,000
NW Irvinedale Dr and NW 18th St Intersection	Public Works	STR-21-004	4,025,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	125,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	875,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	100,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	5,700,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	925,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	215,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	Public Works	STR-24-002	150,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,025,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	805,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	800,000
SW Walnut Street and SW Ordinance Road Water Main	Water Utility	WTM-20-002	2,180,000
East Water Tower	Water Utility	WTT-24-001	400,000
Total for 2025			37,772,000
2026			
Community Entrance Signs	Administration	BLD-18-002	100,000
Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	16,250,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	400,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	140,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	495,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	1,000,000
Prairie Ridge Sports Complex N Parking Lot Overlay	Parks and Recreation	PRK-24-002	1,870,000

Project Name	Department	Project #	Project Cost
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,345,000
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	846,000
Polk County Lift Station Decommissioning	Sewer Utility	SNS-22-004	1,672,000
SW Irvinedale Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	12,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	1,265,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,420,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	75,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	190,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	505,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,750,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	800,000
Annual Street Replacement Program	Public Works	STR-00-004	1,800,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	500,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	200,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	250,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	4,250,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	400,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	275,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	2,125,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	Public Works	STR-24-001	4,160,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	Public Works	STR-24-002	1,050,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,185,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	500,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	825,000
South Ankeny Boulevard Water Main Improvements	Water Utility	WTM-19-001	128,000
East Water Tower	Water Utility	WTT-24-001	10,400,000
Total for 2026			59,583,000

2027

Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	5,895,000
SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	55,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	2,250,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	1,250,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	520,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,395,000
SW Irvinedale Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	118,000
Deer Creek Trunk Sewer Extension	Sewer Utility	SNS-23-003	216,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	450,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,330,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	1,610,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	160,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	270,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	210,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	95,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,850,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	850,000
Annual Street Replacement Program	Public Works	STR-00-004	1,900,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	Public Works	STR-16-003	4,700,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	700,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	250,000

Project Name	Department	Project #	Project Cost
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	375,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	4,475,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	4,500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	3,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,490,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	610,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	875,000
South Ankeny Boulevard Water Main Improvements	Water Utility	WTM-19-001	1,172,000
SW Irvinedale Elevated Storage Tank Repair	Water Utility	WTT-23-001	90,000
Total for 2027			44,111,000

2028

SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	385,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	6,525,000
Ladder Truck Replacement	Fire	OEC 23-001	2,495,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	545,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	1,000,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	575,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,445,000
Deer Creek Trunk Sewer Extension	Sewer Utility	SNS-23-003	2,009,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	500,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	150,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	260,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	3,400,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	90,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,950,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	375,000
Annual Pavement Preservation Program	Public Works	STR-00-003	900,000
Annual Street Replacement Program	Public Works	STR-00-004	2,000,000
NW 36th St Reconstruction-Irvinedale to Abilene	Public Works	STR-18-003	7,325,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	800,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	Public Works	STR-21-005	3,725,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	100,000
NE Delaware Reconstruction-Four Mile to NE 36th	Public Works	STR-23-002	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	5,300,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,490,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	925,000
SW Linden and SW Sharmin Water Main Improvements	Water Utility	WTM-24-001	60,000
SW Irvinedale Elevated Storage Tank Repair	Water Utility	WTT-23-001	1,187,000
Total for 2028			46,016,000

GRAND TOTAL

244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
2024 thru 2028

FUNDING SOURCE SUMMARY

Source	2024	2025	2026	2027	2028	Total
Capital Project Fund	4,832,752	860,000	720,000	1,714,000	170,000	8,296,752
Capital Reserve Fund	6,765,000	1,370,000				8,135,000
County Contributions	150,000	50,000				200,000
FHWA/IDOT Grants	1,712,500	3,950,000	300,000	4,100,000	5,300,000	15,362,500
G.O. Bonds	16,150,600	16,162,000	15,185,000	15,835,000	24,515,000	87,847,600
G.O. Bonds - RUT Abated		506,499	8,230,602	2,985,809		11,722,910
G.O. Bonds - Sewer Abated		324,974	5,280,831	1,915,723		7,521,528
G.O. Bonds - Storm Water Abated	846,733	2,648,000	2,049,633	3,055,000	3,285,000	11,884,366
G.O. Bonds - TIF Abated	400,000	1,320,000	3,216,750	6,607,750	2,285,000	13,829,500
G.O. Bonds - Water Abated		168,527	2,738,567	993,468		3,900,562
Hotel/Motel Tax Fund	295,000	100,000	600,000		500,000	1,495,000
MPO/STBG Grants	1,973,748		1,423,250	1,423,250	2,440,000	7,260,248
Other Grants		1,120,000	1,168,700	220,000	715,000	3,223,700
Otter Creek Golf Course Fund	200,000					200,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Private Contributions	1,270,000					1,270,000
Road Use Tax Fund	1,449,000	785,000	350,000	350,000	350,000	3,284,000
Sewer Fund	4,374,334	4,017,000	4,810,834	1,634,000	3,409,000	18,245,168
Special Assessments			200,000	290,000		490,000
Storm Water Fund	800,000	800,000	850,000	850,000	900,000	4,200,000
Water Fund	844,333	1,230,000	1,830,833	865,000	800,000	5,570,166
Water Revenue Bonds	15,220,000	2,260,000	10,528,000	1,172,000	1,247,000	30,427,000
GRAND TOTAL	57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

City of Ankeny, Iowa
2024 - 2028 Capital Improvement Program
 2024 thru 2028

PROJECTS BY FUNDING SOURCE

Source	Project #	2024	2025	2026	2027	2028	Total
Capital Project Fund							
Community Entrance Signs	BLD-18-002	48,000					48,000
Public Works Satellite Salt Storage Facility	BLD-21-002	50,000	40,000				90,000
High Trestle Trail Experience Park	PRK-22-005	631,000					631,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	355,000	220,000	145,000	95,000	45,000	860,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	275,000				600,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	500,000					500,000
Annual Storm Water Replacement Program	STM-00-001	50,000	50,000				100,000
Annual Asphalt Street Resurfacing Program	STR-00-002	100,000					100,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003		200,000	500,000	1,519,000		2,219,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	50,000					50,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	2,598,752					2,598,752
Annual Water Main Replacement Program	WTM-00-001	125,000	75,000	75,000	100,000	125,000	500,000
Capital Project Fund Total		4,832,752	860,000	720,000	1,714,000	170,000	8,296,752
Capital Reserve Fund							
Fire Station No. 4	BLD-20-002	6,600,000	1,370,000				7,970,000
East of Interstate 35 Land Acquisition	BLD-24-002	165,000					165,000
Capital Reserve Fund Total		6,765,000	1,370,000				8,135,000
County Contributions							
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	150,000					150,000
Annual Traffic Signal Improvement Program	TRF-00-001		50,000				50,000
County Contributions Total		150,000	50,000				200,000
FHWA/IDOT Grants							
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	250,000					250,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003				1,250,000		1,250,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	150,000					150,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	352,500					352,500
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005					1,000,000	1,000,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	35,000	3,750,000				3,785,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005		200,000	300,000	2,850,000	4,300,000	7,650,000
SE Creekview Drive Extension	STR-24-003	925,000					925,000
FHWA/IDOT Grants Total		1,712,500	3,950,000	300,000	4,100,000	5,300,000	15,362,500
G.O. Bonds							
Fire Station No. 4	BLD-20-002	210,000					210,000
SE Frisk Drive RCB Culvert for Four Mile Creek	BRG-20-001				55,000	385,000	440,000
NE 18th Street Bridge over Interstate 35	BRG-22-002		475,000	400,000	2,250,000	4,525,000	7,650,000

Source	Project #	2024	2025	2026	2027	2028	Total
NE 62nd Street RCB Culvert for Four Mile Tributary	BRG-23-001	700,000					700,000
Ladder Truck Replacement	OEC 23-001					2,495,000	2,495,000
Annual Park Development Program	PRK-00-002	720,000	370,000	395,000	420,000	445,000	2,350,000
Hawkeye Park Tennis Courts Reconstruction	PRK-18-003		850,000				850,000
Sunrise Park Parking Lot Overlay	PRK-24-001		150,000				150,000
Prairie Ridge Sports Complex N Parking Lot Overlay	PRK-24-002			1,870,000			1,870,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	225,000	225,000	225,000	225,000	225,000	1,125,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	11,600	522,000				533,600
Annual PCC Street Patching Program	STR-00-001	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Annual Asphalt Street Resurfacing Program	STR-00-002	375,000	375,000	375,000	375,000	375,000	1,875,000
Annual Pavement Preservation Program	STR-00-003	700,000	750,000	800,000	850,000	900,000	4,000,000
Annual Street Replacement Program	STR-00-004	875,000	1,675,000	1,800,000	1,900,000	2,000,000	8,250,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	4,100,000	150,000				4,250,000
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003				410,000	7,325,000	7,735,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004				250,000	800,000	1,050,000
NW 36th St and NW Weigel Dr Asphalt Overlay	STR-19-004	2,300,000					2,300,000
SW Oralabor Rd and SW Edgewood Ln Intersection	STR-19-006	50,000					50,000
NW Irvinedale Dr and NW 18th St Intersection	STR-21-004	375,000	4,025,000				4,400,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	STR-22-004		100,000	400,000	4,500,000	100,000	5,100,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	465,000	1,950,000	275,000			2,690,000
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002					500,000	500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	150,000	725,000		650,000	1,000,000	2,525,000
SW Magazine & State St Intersection Improvements	STR-23-006	475,000					475,000
NW Prairie Ridge Dr/9th St & Ash Dr Intersection	STR-24-001	200,000	215,000	4,160,000			4,575,000
NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv	STR-24-002		150,000	1,050,000			1,200,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,514,000	975,000	1,185,000	1,490,000	1,490,000	6,654,000
Fiber Optic Network Upgrade	TRF-23-001	650,000	805,000	500,000	610,000		2,565,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	405,000					405,000

G.O. Bonds Total

16,150,600	16,162,000	15,185,000	15,835,000	24,515,000	87,847,600
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G.O. Bonds - RUT Abated

Public Works Maintenance Facility Expansion	BLD-24-003		506,499	8,230,602	2,985,809		11,722,910
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G.O. Bonds - RUT Abated Total

506,499	8,230,602	2,985,809	11,722,910
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G.O. Bonds - Sewer Abated

Public Works Maintenance Facility Expansion	BLD-24-003		324,974	5,280,831	1,915,723		7,521,528
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G.O. Bonds - Sewer Abated Total

324,974	5,280,831	1,915,723	7,521,528
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G.O. Bonds - Storm Water Abated

Sawgrass Park Dam Improvements	STM-19-004	90,000	445,000				535,000
Four Mile Creek and Tributary Stabilization	STM-20-001	130,000	1,040,000	596,300			1,766,300
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	540,000	15,000				555,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,020,000	930,000		2,140,000
Diamond Hills Greenway Stream Stabilization	STM-22-002		75,000	75,000	1,610,000		1,760,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				95,000	90,000	185,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				165,000	155,000	320,000
Saylor Creek Tributary Channel Improvements	STM-22-005			190,000	210,000	3,000,000	3,400,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				45,000	40,000	85,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001	8,400	378,000				386,400
SW Des Moines Street Utility Improvements	STM-24-002	78,333	505,000	168,333			751,666

Source	Project #	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated Total		846,733	2,648,000	2,049,633	3,055,000	3,285,000	11,884,366
G.O. Bonds - TIF Abated							
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004			140,000	1,250,000		1,390,000
SW Oralabor Rd and SW Irvinedale Dr Intersection	STR-16-003				1,931,000		1,931,000
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005		125,000	250,000	375,000	2,285,000	3,035,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	400,000	875,000	2,826,750	3,051,750		7,153,500
SW Walnut Street and SW Ordnanace Road Water Main	WTM-20-002		320,000				320,000
G.O. Bonds - TIF Abated Total		400,000	1,320,000	3,216,750	6,607,750	2,285,000	13,829,500
G.O. Bonds - Water Abated							
Public Works Maintenance Facility Expansion	BLD-24-003		168,527	2,738,567	993,468		3,900,562
G.O. Bonds - Water Abated Total			168,527	2,738,567	993,468		3,900,562
Hotel/Motel Tax Fund							
Community Entrance Signs	BLD-18-002	2,000	100,000	100,000			202,000
High Trestle Trail Experience Park	PRK-22-005	293,000		500,000		500,000	1,293,000
Hotel/Motel Tax Fund Total		295,000	100,000	600,000		500,000	1,495,000
MPO/STBG Grants							
NE 18th Street Bridge over Interstate 35	BRG-22-002					2,000,000	2,000,000
NE Delaware Avenue Reconstruction-5th to 18th	STR-14-006	1,500,000					1,500,000
SW Oralabor Rd and SW State St Intersection	STR-20-008	473,748					473,748
South Ankeny Blvd and SE Oralabor Rd Safety Impr	STR-21-005					440,000	440,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003			1,423,250	1,423,250		2,846,500
MPO/STBG Grants Total		1,973,748		1,423,250	1,423,250	2,440,000	7,260,248
Other Grants							
High Trestle Trail Experience Park	PRK-22-005			500,000		500,000	1,000,000
Four Mile Creek and Tributary Stabilization	STM-20-001		1,120,000	668,700			1,788,700
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003				65,000	60,000	125,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004				105,000	105,000	210,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001				50,000	50,000	100,000
Other Grants Total			1,120,000	1,168,700	220,000	715,000	3,223,700
Otter Creek Golf Course Fund							
Otter Creek Golf Course Clubhouse Renovations	BLD-24-001	200,000					200,000
Otter Creek Golf Course Fund Total		200,000					200,000
Park Dedication Fund							
Annual Park Development Program	PRK-00-002	100,000	100,000	100,000	100,000	100,000	500,000
Park Dedication Fund Total		100,000	100,000	100,000	100,000	100,000	500,000

Source	Project #	2024	2025	2026	2027	2028	Total
Private Contributions							
SE Creekview Drive Extension	STR-24-003	1,100,000					1,100,000
Annual Traffic Signal Improvement Program	TRF-00-001	90,000					90,000
SE Corporate Woods and Crosswinds Traffic Signal	TRF-23-002	80,000					80,000
Private Contributions Total		1,270,000					1,270,000
Road Use Tax Fund							
Public Works Satellite Salt Storage Facility	BLD-21-002		435,000				435,000
East of Interstate 35 Land Acquisition	BLD-24-002	99,000					99,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	350,000	350,000	350,000	350,000	350,000	1,750,000
Annual Street Replacement Program	STR-00-004	1,000,000					1,000,000
Road Use Tax Fund Total		1,449,000	785,000	350,000	350,000	350,000	3,284,000
Sewer Fund							
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000	6,000,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,650,000				1,650,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	791,000	353,000				1,144,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001		150,000				150,000
Clover Ridge Trunk Sewer Extension	SNS-22-003		105,000	846,000			951,000
Polk County Lift Station Decommissioning	SNS-22-004		154,000	1,672,000			1,826,000
SW Irvinedale Drive Sanitary Sewer Replacement	SNS-23-002			12,000	118,000		130,000
Deer Creek Trunk Sewer Extension	SNS-23-003				216,000	2,009,000	2,225,000
Fire Station No. 4 Sanitary Sewer	SNS-24-001	730,000					730,000
Four Mile Creek Trunk Sewer - Phase 2	SNS-24-002	1,775,000					1,775,000
SW Des Moines Street Utility Improvements	STM-24-002	78,334	505,000	168,334			751,668
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005			912,500			912,500
Sewer Fund Total		4,374,334	4,017,000	4,810,834	1,634,000	3,409,000	18,245,168
Special Assessments							
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003			200,000	290,000		490,000
Special Assessments Total				200,000	290,000		490,000
Storm Water Fund							
Annual Storm Water Replacement Program	STM-00-001	400,000	400,000	450,000	450,000	500,000	2,200,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	400,000	400,000				800,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001			400,000	400,000		800,000
Saylor Creek Tributary Channel Improvements	STM-22-005					400,000	400,000
Storm Water Fund Total		800,000	800,000	850,000	850,000	900,000	4,200,000
Water Fund							
East of Interstate 35 Land Acquisition	BLD-24-002	66,000					66,000
SW Des Moines Street Utility Improvements	STM-24-002	78,333	505,000	168,333			751,666
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005			912,500			912,500
Annual Water Main Replacement Program	WTM-00-001	700,000	725,000	750,000	775,000	800,000	3,750,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001				90,000		90,000

Source	Project #	2024	2025	2026	2027	2028	Total
Water Fund Total		844,333	1,230,000	1,830,833	865,000	800,000	5,570,166
Water Revenue Bonds							
Saylorville Feeder Main Purchase Capacity	WTM-17-008	604,000					604,000
South Ankeny Boulevard Water Main Improvements	WTM-19-001			128,000	1,172,000		1,300,000
SW Walnut Street and SW Ordinance Road Water Main	WTM-20-002	295,000	1,860,000				2,155,000
NE 36th St and NE 38th St Water Main Loop	WTM-21-009	2,300,000					2,300,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001					60,000	60,000
Northwest Water Tower	WTT-19-002	11,295,000					11,295,000
SE Magazine Ground Storage Tank Repaint	WTT-20-002	726,000					726,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001					1,187,000	1,187,000
East Water Tower	WTT-24-001		400,000	10,400,000			10,800,000
Water Revenue Bonds Total		15,220,000	2,260,000	10,528,000	1,172,000	1,247,000	30,427,000
GRAND TOTAL		57,384,000	37,772,000	59,583,000	44,111,000	46,016,000	244,866,000

Section 4

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration
Contact Assistant City Manager
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-18-002
Project Name	Community Entrance Signs

Description
The two large welcome signs along Interstate 35 were constructed in 2018. Landscaping around the two interstate signs was completed in 2019. Additional smaller signs were planned for future construction. Assuming 8 smaller signs are constructed: •A feasibility study with final council approval of sign locations will need to be completed. •Property acquisitions/permits will need to be obtained with Iowa DOT approvals in certain locations. •Four signs will be completed in each of two years after design, approvals and easement acquisitions as needed.
Justification
The installation of welcome signs was identified by the city council as a priority during previous strategic planning sessions (prior to 2022). As a first phase of meeting this objective, the two large scale Interstate 35 signs were built. Additional smaller-scale signs were planned for future consideration pending council authorization. This planning effort will need to once again be vetted prior to work proceeding. These smaller signs are anticipated to be placed at the corporate limits on some of the state highways and county collector routes. These signs will showcase and promote our successful city.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs		100,000	100,000			200,000
Planning Study	50,000					50,000
Total	50,000	100,000	100,000			250,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	48,000					48,000
Hotel/Motel Tax Fund	2,000	100,000	100,000			202,000
Total	50,000	100,000	100,000			250,000

Budget Impact/Other						
The two large interstate signs require electric service and a minor amount of landscaping maintenance each year. The other eight signs will require minor landscaping maintenance each year.						
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		750	1,500	1,500	1,500	5,250
Utilities		150	300	300	300	1,050
Total		900	1,800	1,800	1,800	6,300

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Administration

Contact Assistant City Manager

Project # BLD-18-002

Project Name Community Entrance Signs



city of
Ankeny

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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Administration
Contact Assistant City Manager
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project # BLD-20-002
Project Name Fire Station No. 4

Description

This project builds the community's fourth fire station to serve continued growth and service level needs. The station utilizes the same basic design as existing Fire Station No. 2 and 3. The new station will be located approximately 1,500 feet north of the intersection of NW Weigel Drive and NW 18th Street (west side of the road). The design for the new fire station will be completed by the end of CY 2023 with the expectation to bid the project over the winter and initiate construction during the spring of 2024. The project schedule anticipates more than 18 months for construction based upon the current environment for completing building projects on time. Full occupancy will occur by January 1, 2026.

Justification

The City of Ankeny continues to experience strong commercial and residential growth. A large percentage of new residential construction is occurring within the northwest quadrant of the City. Past experience across the United States shows that residential buildings represent the highest risk to the community for both fire injuries and deaths. Additionally, the successful response to medical emergencies is most effective when paramedics arrive within five minutes of the 911 call for service. As this rapid growth continues over the next several years, call volume and the travel time for emergency vehicles to answer emergency calls for service in northwest Ankeny from the existing fire stations in the center of town and the northeast quadrant also continue to increase.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	70,000	30,000				100,000
Construction Costs	6,198,750	798,750				6,997,500
Other Costs	541,250	541,250				1,082,500
Total	6,810,000	1,370,000				8,180,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Reserve Fund	6,600,000	1,370,000				7,970,000
G.O. Bonds	210,000					210,000
Total	6,810,000	1,370,000				8,180,000

Budget Impact/Other

The new building will require the purchase of a fire engine and ambulance as well as furniture, fixtures and equipment (FF&E) for use by City employees. There will also be regular maintenance and repairs needed after the warranty period from the building contractor expires. There will be monthly charges for services from utilities, such as electric, natural gas, garbage pickup, fiber optic internet access, cable tv, etc. The exact costs for these services will be determined when the new building is designed. The impact on 911 emergency response time in the northwest area of the City will be improved when the new fire station is opened, equipped and staffed with trained personnel.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			4,000	4,120	4,244	12,364
Utilities		2,000	6,000	6,180	6,365	20,545
Total		2,000	10,000	10,300	10,609	32,909

City of Ankeny, Iowa

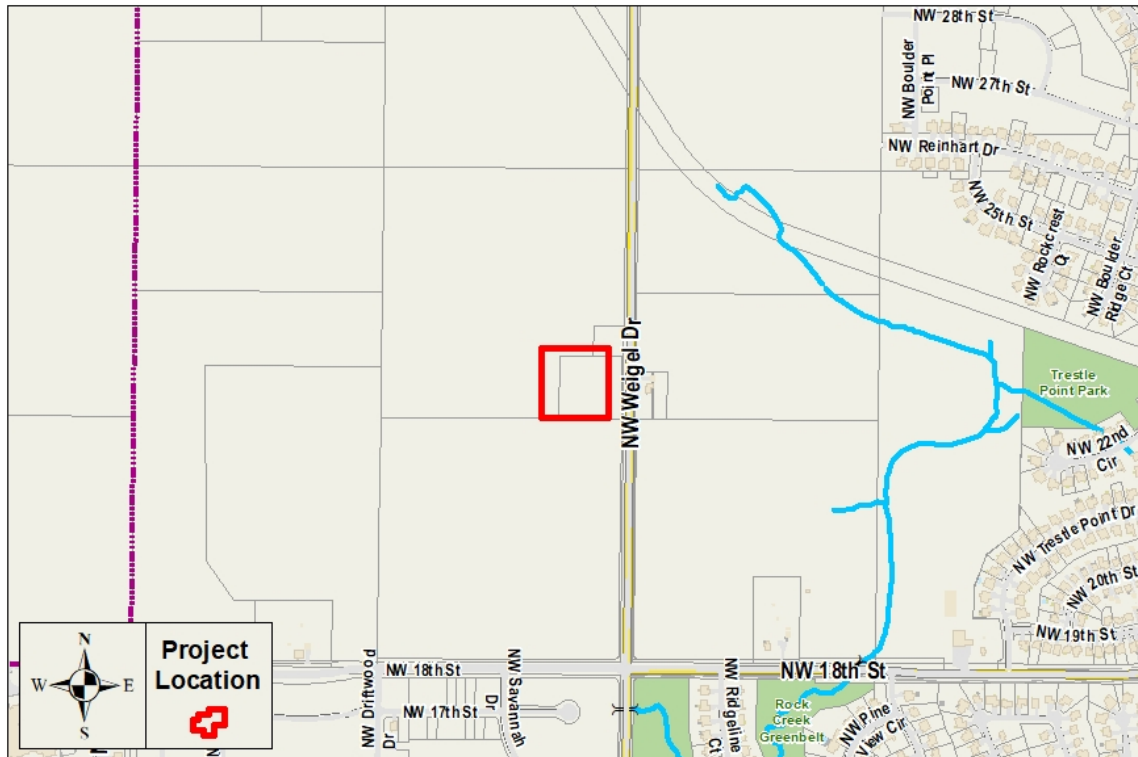
2024 *thru* 2028

Department Administration

Contact Assistant City Manager

Project # **BLD-20-002**

Project Name **Fire Station No. 4**



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-21-002
Project Name	Public Works Satellite Salt Storage Facility

Description
Design and construction of a structure to store salt material for use with winter maintenance operations. The facility will be located on the property owned by the City where the Northwest Water Tower will be constructed – near the intersection of NW Irvinedale Drive and NW 36th Street. The structure will likely consist of a concrete block building enclosure with a hoop roof structure. The facility would be large enough to provide interior storage of up to 4,000 tons of salt material. The facility would also include a paved pad in front for material handling. The sitework needed for the facility will be completed with the Northwest Water Tower sitework. The salt storage facility would be constructed after the Northwest Water Tower is completed.

Justification
The City continues to experience strong residential growth, and a large percentage of the overall growth is occurring in the northwest quadrant of the City. As this growth continues, having a satellite salt storage facility on the north side of the City will maintain and improve the efficiency and effectiveness of our snow removal operations. The north side snow plow routes are becoming increasingly less efficient due to the amount of time it takes to travel from the maintenance facility to the north side snow plow routes in order to replenish the salt supply in the snow plow trucks.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	50,000					50,000
Construction Costs		475,000				475,000
Total	50,000	475,000				525,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000	40,000				90,000
Road Use Tax Fund		435,000				435,000
Total	50,000	475,000				525,000

Budget Impact/Other
There will be additional lighting costs and minimal building upkeep needed.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			300	300	300	900
Utilities			200	200	200	600
Total			500	500	500	1,500

2024 - 2028 Capital Improvement Program

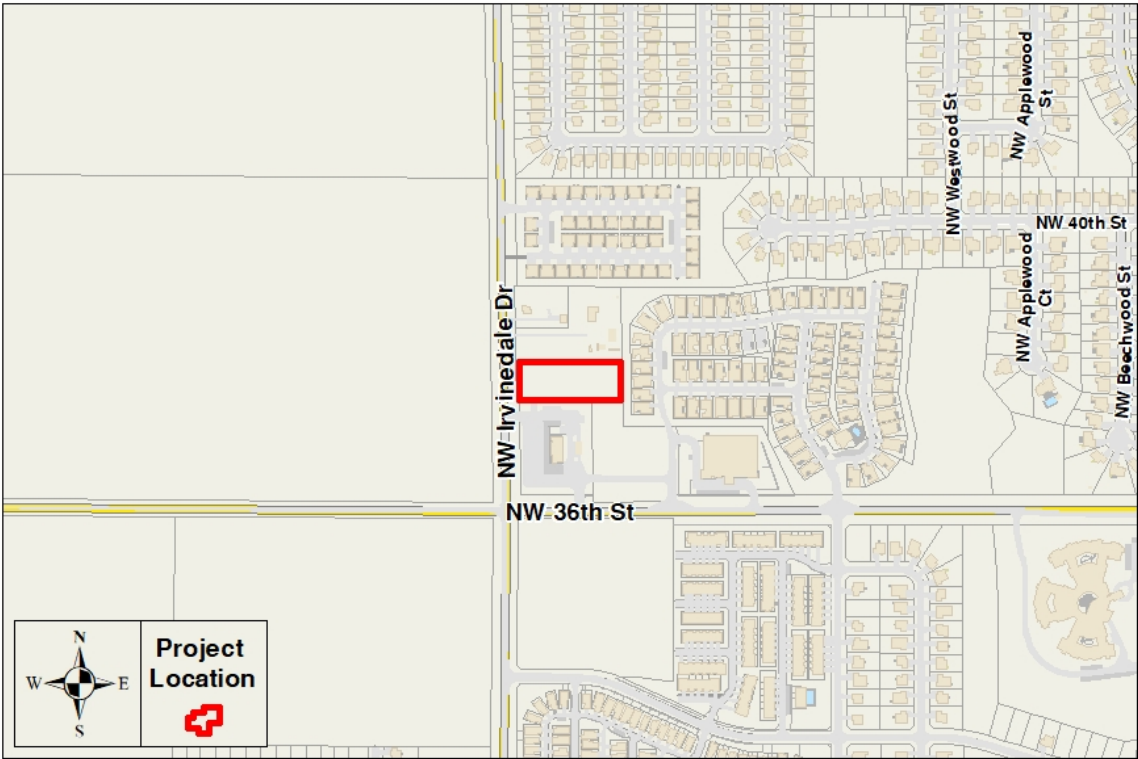
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project #	BLD-21-002
Project Name	Public Works Satellite Salt Storage Facility



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Municipal Buildings

Project #	BLD-24-001
Project Name	Otter Creek Golf Course Clubhouse Renovations

Description
Otter Creek Golf Course Clubhouse Renovations

Justification
Since opening in 2009, the Otter Creek Golf Course Clubhouse has witnessed tremendous use as Ankeny’s only public course. The Pro Shop, Tin Cup and Pinnacle Club annually host over 40,000 patrons at the facility. Normal wear-and-tear on the carpet, paint and other amenities are now showing and need to be updated. The majority of the renovations include new paint and carpet for the banquet area, pre-function room and restaurant. Additional improvements include window covering repairs, entry/exterior door replacement and banquet door exterior replacement. Currently, the clubhouse does not have ADA accessible doors and these improvements would provide one set at each end of the facility. The improvements are being target to take place December 2024 – February 2025.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	200,000					200,000
Total	200,000					200,000

Funding Sources	2024	2025	2026	2027	2028	Total
Otter Creek Golf Course Fund	200,000					200,000
Total	200,000					200,000

Budget Impact/Other
None, as these improvements are replacement items.

City of Ankeny, Iowa

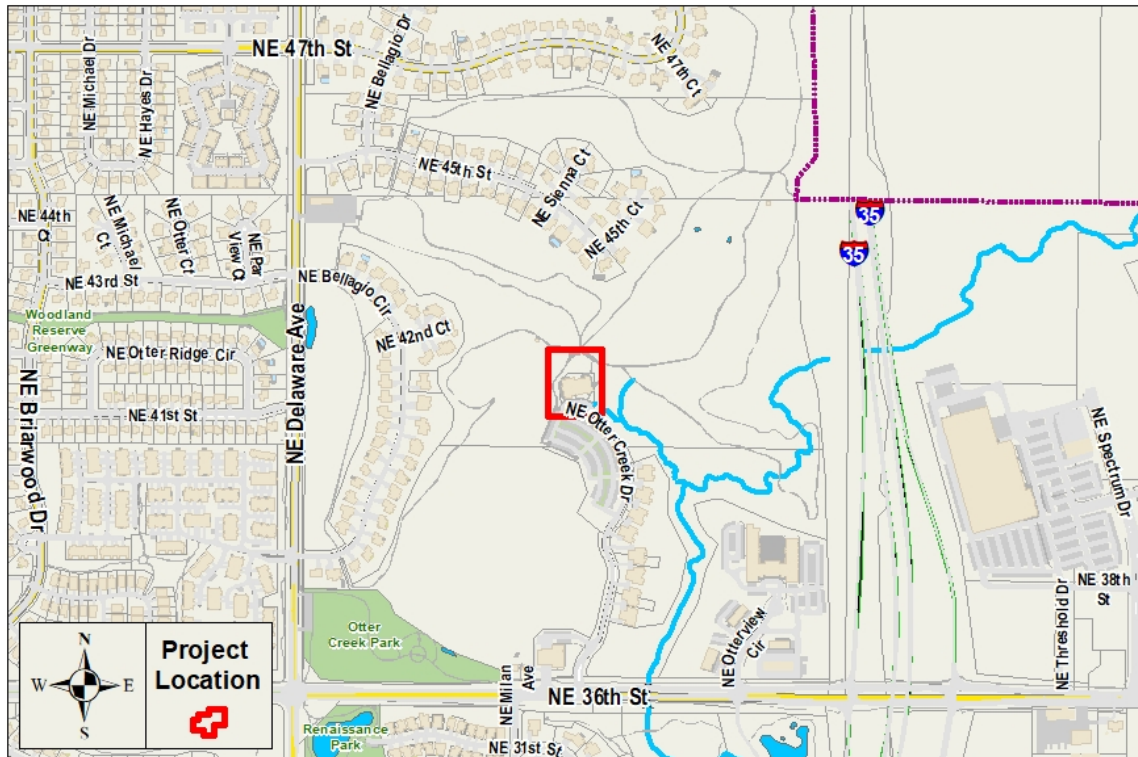
2024 *thru* 2028

Department Parks and Recreation

Contact Parks and Recreation Director

Project # **BLD-24-001**

Project Name Otter Creek Golf Course Clubhouse Renovations



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Administration
Contact Assistant City Manager
Type Purchase
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-24-002
Project Name	East of Interstate 35 Land Acquisition

Description

Funds to complete land acquisition east of Interstate 35 for future Fire Station No. 5, the east side water tower, and a public works salt storage facility.

Justification

Ankeny’s growth pattern east of Interstate 35 is steady and continues to require additional levels of service from the City. Property ownership on the east side of Ankeny has changed over significantly over the past few years, and now more growth is anticipated in the near future that include residential and commercial developments. The City will need to establish locations for necessary facilities to serve residents on this side of the community including Fire Station No. 5, a future east side water tower, and a salt storage facility for public works. Acreage will be purchased to accommodate those needs at one location. Funding for the acquisition will be split out based on acreage needs, water (1 acre), public works (1.5 acres), Fire Station No. 5 (2.5 acres).

Expenditures	2024	2025	2026	2027	2028	Total
Legal-General/Spec. Assessment	15,000					15,000
Land/ROW Acquisition	315,000					315,000
Total	330,000					330,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Reserve Fund	165,000					165,000
Road Use Tax Fund	99,000					99,000
Water Fund	66,000					66,000
Total	330,000					330,000

Budget Impact/Other

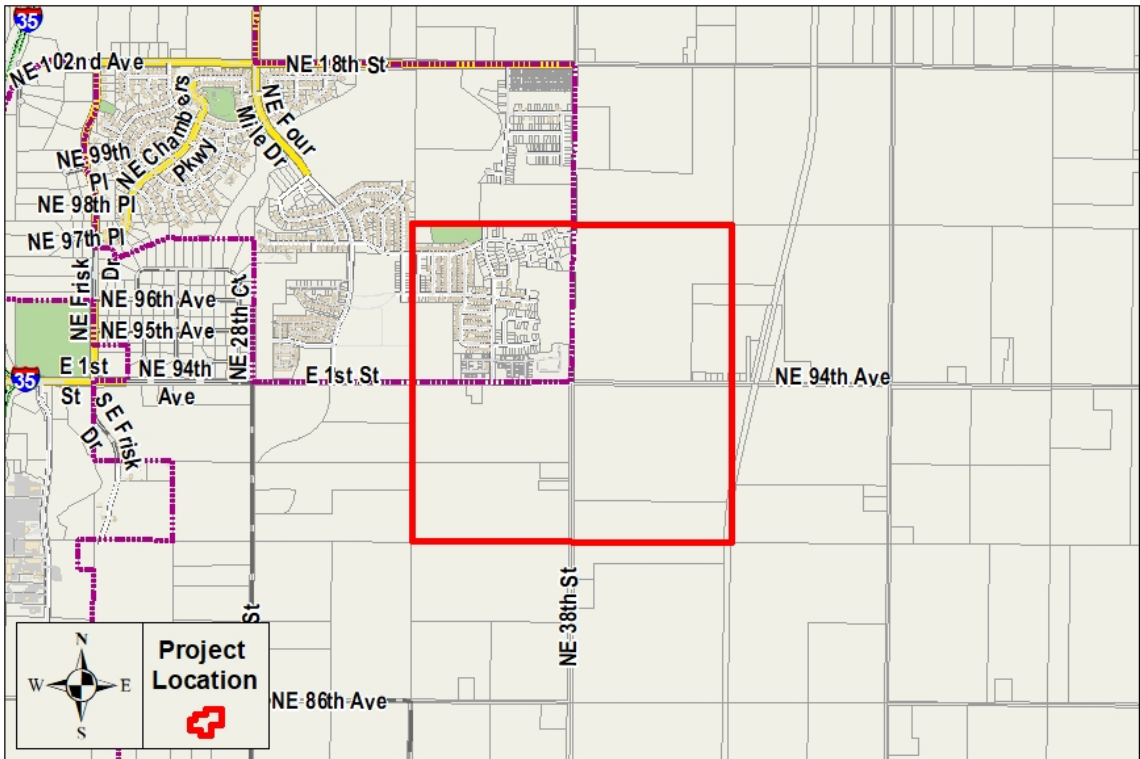
Operating costs would be limited to mowing the property, but could be offset if a farm lease is agreed upon for any portion of property. Due to the unknown nature of the land’s use, this request is submitted as a cost neutral item for the City’s operations.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Administration
Contact Assistant City Manager

Project #	BLD-24-002
Project Name	East of Interstate 35 Land Acquisition



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact Assistant City Manager
Type New Construction
Useful Life 40 years
Category Municipal Buildings

Project #	BLD-24-003
Project Name	Public Works Maintenance Facility Expansion

Description
Design and construction of a consolidated field services building at the existing public works maintenance facility site. This project will expand upon the existing building foot print to accommodate future growth in equipment and employees. Divisions impacted by the project include Public Works operations, traffic, water, and sanitary sewer.

Justification
Multi-building expansion scheme intended to meet the needs of the current operations at this location (traffic, fleet, streets, and water) along with expansion needs for the sanitary sewer group at the old waste water treatment site. Expansions at the north end of the main building add administrative space and locker room expansions. An additional wash bay is added at the south end. The current maintenance bays would be used for maintenance only and not for storage of vehicles. A large addition to the end of the waterworks maintenance structure is constructed in a single phase to add vehicle storage space for the next 20 years. Design fees are estimated at ~6% for the project.
Projected Construction Costs = \$21,813,000
Projected Design Costs: = \$1,332,000
-Public Works (~51%)
-Sanitary Sewer (~32%)
-Water (~17%)
Projected Total Construction & Design Costs: = \$23,145,000
The project estimate above is provided in CY 2023 dollars and excludes additional costs for land acquisition, site utility infrastructure development costs, design fees, construction observation, or cost escalation. A cost escalation factor of 6% annum is advised, but can be adjusted during subsequent reviews of the CIP, but would likely be estimated at \$24.51 million if constructed in 2026.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		1,000,000				1,000,000
Engineering-Construction Services			250,000	82,000		332,000
Construction Costs			16,000,000	5,813,000		21,813,000
Total		1,000,000	16,250,000	5,895,000		23,145,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - RUT Abated		506,499	8,230,602	2,985,809		11,722,910
G.O. Bonds - Sewer Abated		324,974	5,280,831	1,915,723		7,521,528
G.O. Bonds - Water Abated		168,527	2,738,567	993,468		3,900,562
Total		1,000,000	16,250,000	5,895,000		23,145,000

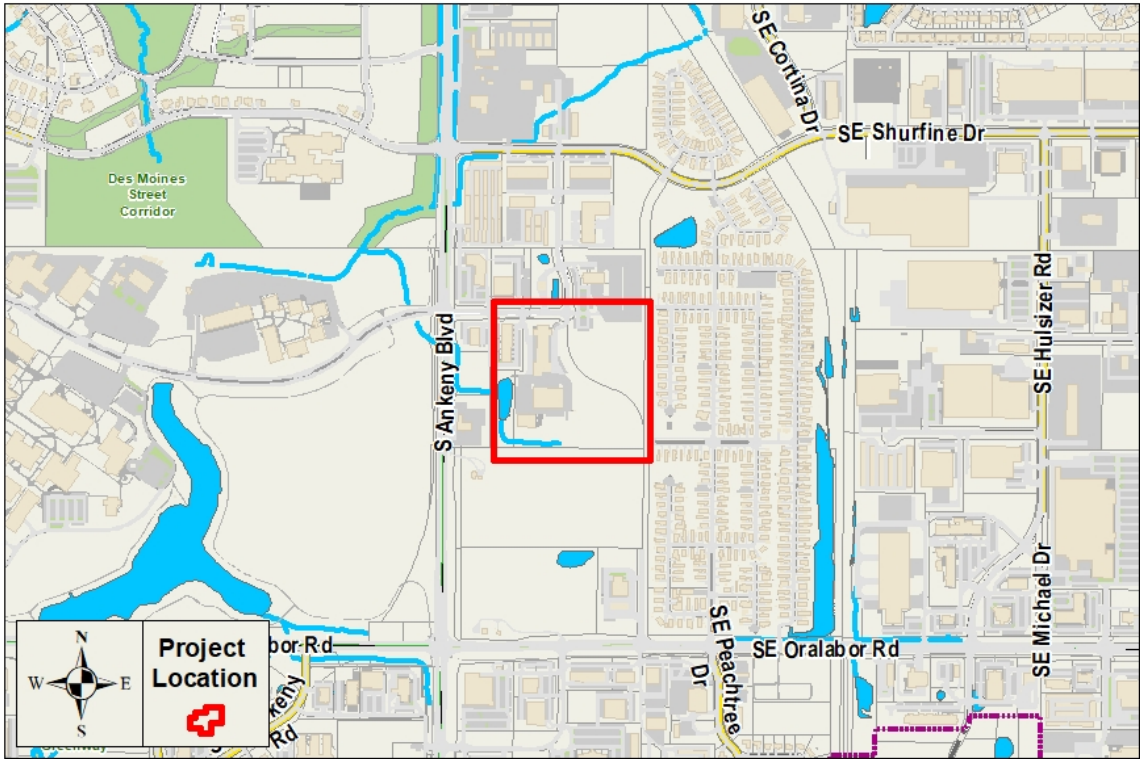
Budget Impact/Other
To be determined, however expanding the existing building square footage will carry additional operating impacts for utility expenses. Some of this additional expense will be slightly offset by no longer operating separate wastewater facilities.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact Assistant City Manager

Project #	BLD-24-003
Project Name	Public Works Maintenance Facility Expansion



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Replacement
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-20-001
Project Name	SE Frisk Drive RCB Culvert for Four Mile Creek

Description

This project will replace the existing bridge with a reinforced concrete box (RCB) culvert. The existing bridge is a single span 16-ft. arch bridge constructed of concrete and timber. The bridge is located south of East 1st Street on SE Frisk Drive, spanning a tributary stream to Four Mile Creek. This project includes survey, study, and consultant design engineering services in 2027, and consultant construction engineering services and construction in 2028.

Justification

The 2022 Iowa Structure Inventory and Appraisal conducted by Calhoun-Burns & Associates recommended replacing the bridge within the next several years due to cracks, deterioration, and erosion. This project will replace the existing bridge with a reinforced concrete box (RCB) culvert.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				55,000		55,000
Engineering-Construction Services					35,000	35,000
Construction Costs					350,000	350,000
Total				55,000	385,000	440,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				55,000	385,000	440,000
Total				55,000	385,000	440,000

Budget Impact/Other

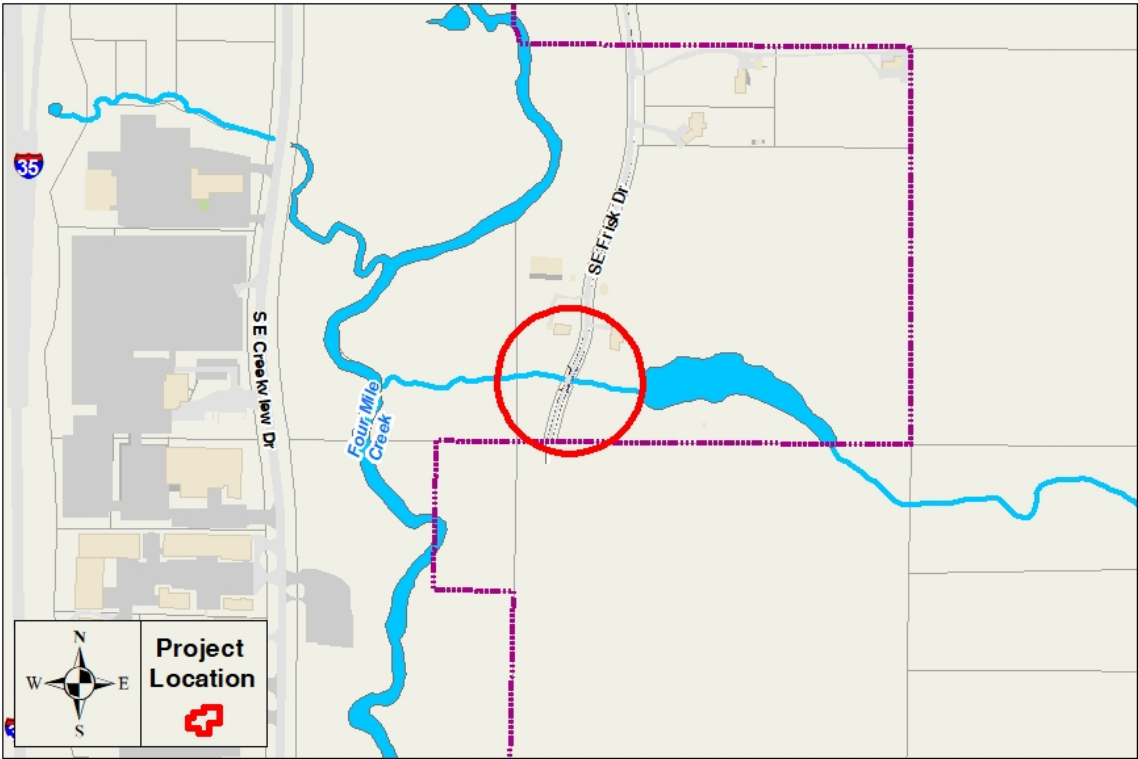
The new RCB culvert will have a negligible impact on the City's maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-20-001
Project Name	SE Frisk Drive RCB Culvert for Four Mile Creek



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 40 years

Category Bridge/Box Culvert

Project # BRG-22-002

Project Name NE 18th Street Bridge over Interstate 35

Description

Reconstruction and extension of NE 18th Street from NE Delaware Avenue across Interstate 35 to approximately 225 feet east of NE Frisk Drive. The new roadway will include a bridge over Interstate 35, a pedestrian bridge over Four Mile Creek, 8-ft. wide sidewalk on the south side, streetlighting, and storm sewer. The existing roadway bridge over Four Mile Creek that was recently replaced by Polk County will be used as constructed.

The overall project would be constructed with three separate bid packages as follows:

- Phase 1 (2027) – vegetation clearing and embankment construction
- Phase 2 (2028) – I-35 bridge construction and Four Mile Creek pedestrian bridge construction
- Phase 3 (2029) – NE 18th Street roadway and storm sewer construction.

The proposed project schedule assumes:

- Topographic survey, initial environmental (NEPA) documentation, and initial preliminary design in 2025
- Additional environmental (NEPA) documentation and additional preliminary design in 2026
- Final design of Phase 1, final design of Phase 2, right-of-way acquisition, construction of Phase 1, and construction engineering of Phase 1 in 2027
- Final design of Phase 3, construction of Phase 2, and construction engineering of Phase 2 in 2028
- Construction of Phase 3 and construction engineering of Phase 3 in 2029.

It is anticipated that all three construction projects would be bid through the Iowa DOT letting process. The City anticipates applying for STBG funding for the bridge project through the Des Moines Area MPO. The City also anticipates requesting funding from the Iowa DOT.

Justification

This street extension and bridge will improve traffic mobility and support the current and anticipated future residential and commercial development in the northeast quadrant of the City to the east of Interstate 35. The Deer Creek residential development located between NE 18th Street and E 1st Street currently has several hundred residential properties, with several hundred more planned. It is anticipated that the Spectrum 36 commercial development located at NE 36th Street to the east of Interstate 35 will contain several big box retail stores, multi-unit strip malls, and restaurants over the next five to ten years. Also, the proposed Pine Lakes Estates development which is north of NE 18th Street, between I-35 and NE Four Mile Drive, is expected to begin the construction of residential lots in 2024. Having another route to access these residential and commercial properties to the east of Interstate 35 is essential to maintain the planned future growth in this area of the City.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		475,000	400,000			875,000
Engineering-Construction Services				525,000	725,000	1,250,000
Construction Costs				1,225,000	5,800,000	7,025,000
Land/ROW Acquisition				500,000		500,000
Total		475,000	400,000	2,250,000	6,525,000	9,650,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		475,000	400,000	2,250,000	4,525,000	7,650,000
MPO/STBG Grants					2,000,000	2,000,000
Total		475,000	400,000	2,250,000	6,525,000	9,650,000

Budget Impact/Other

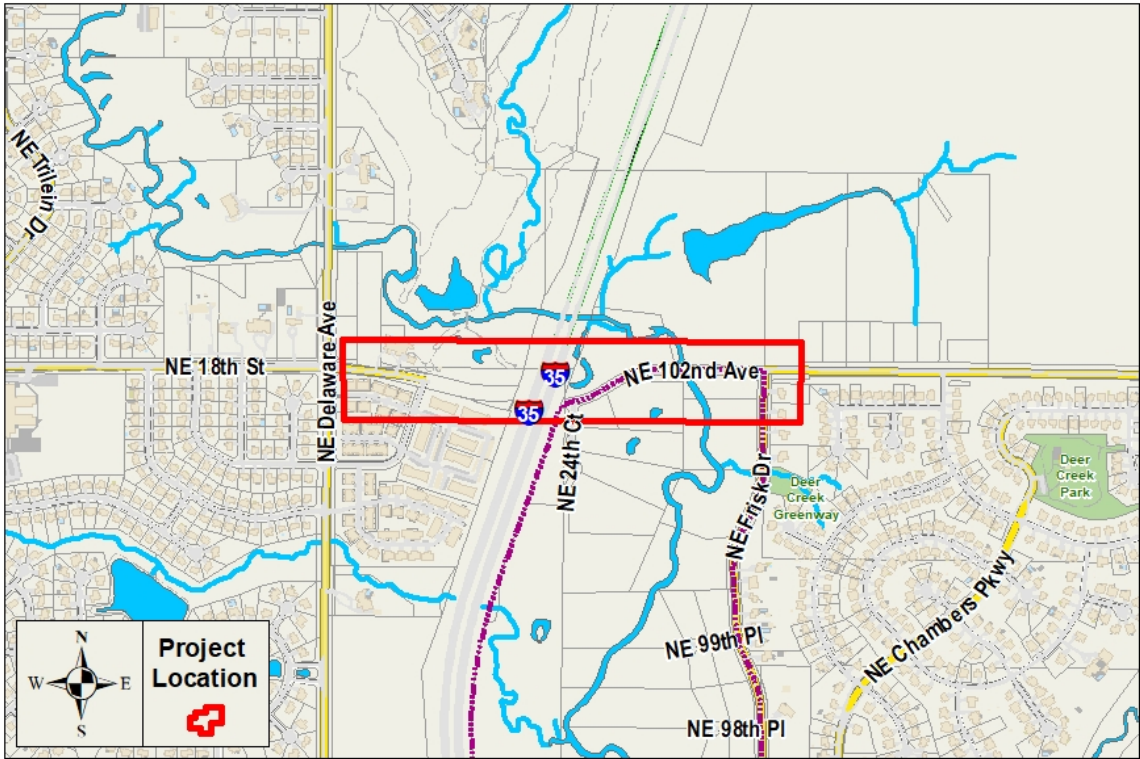
The added public street pavement and 8-ft. sidewalk will increase the maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. The new street lights will result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-22-002
Project Name	NE 18th Street Bridge over Interstate 35



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-22-004
Project Name	NE Spectrum Drive RCB Culvert for Otter Creek

Description
Complete a hydraulic study, design, and construct a new reinforced concrete box (RCB) culvert to accommodate future extension of NE Spectrum Drive across Otter Creek.

Justification
The purpose of the project is to study, design and construct a new RCB culvert(s) to convey flow from Otter Creek under the future NE Spectrum Drive extension. The new RCB culvert(s) will support development east of Interstate 35 from NE 36th Street and north.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			140,000			140,000
Engineering-Construction Services				100,000		100,000
Construction Costs				1,150,000		1,150,000
Total			140,000	1,250,000		1,390,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated			140,000	1,250,000		1,390,000
Total			140,000	1,250,000		1,390,000

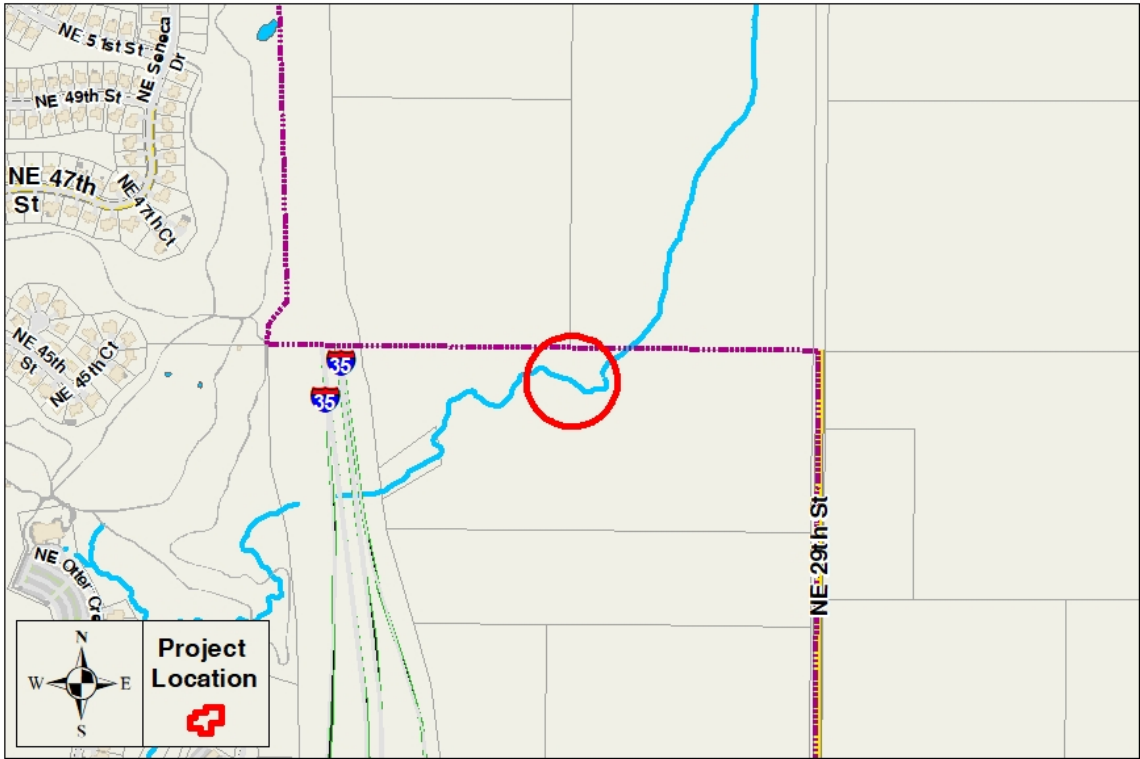
Budget Impact/Other
The new RCB culvert will have a negligible impact on the City’s maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes, following construction.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-22-004
Project Name	NE Spectrum Drive RCB Culvert for Otter Creek



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Bridge/Box Culvert

Project #	BRG-23-001
Project Name	NE 62nd Street RCB Culvert for Four Mile Tributary

Description

This project will replace an old farm access culvert with a reinforced concrete box (RCB) culvert. The existing culvert is in poor condition and not rated for typical vehicular traffic. The culvert is located west of NE Delaware Avenue and just east of NE Hillcrest Drive along the future alignment of NE 62nd Street allowing the crossing of an unnamed tributary to Four Mile Creek. This project includes engineering design in 2023, with construction and engineering services in 2024.

Justification

The purpose of this project is to design and construct a new RCB culvert to convey flow from the unnamed tributary of Four Mile Creek under the future NE 62nd Street extension west from NE Delaware Avenue. The new RCB culvert will support development west of NE Delaware Avenue utilizing NE 62nd Street as a future collector level street to connect North Ankeny Boulevard.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	80,000					80,000
Construction Costs	620,000					620,000
Total	700,000					700,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	700,000					700,000
Total	700,000					700,000

Budget Impact/Other

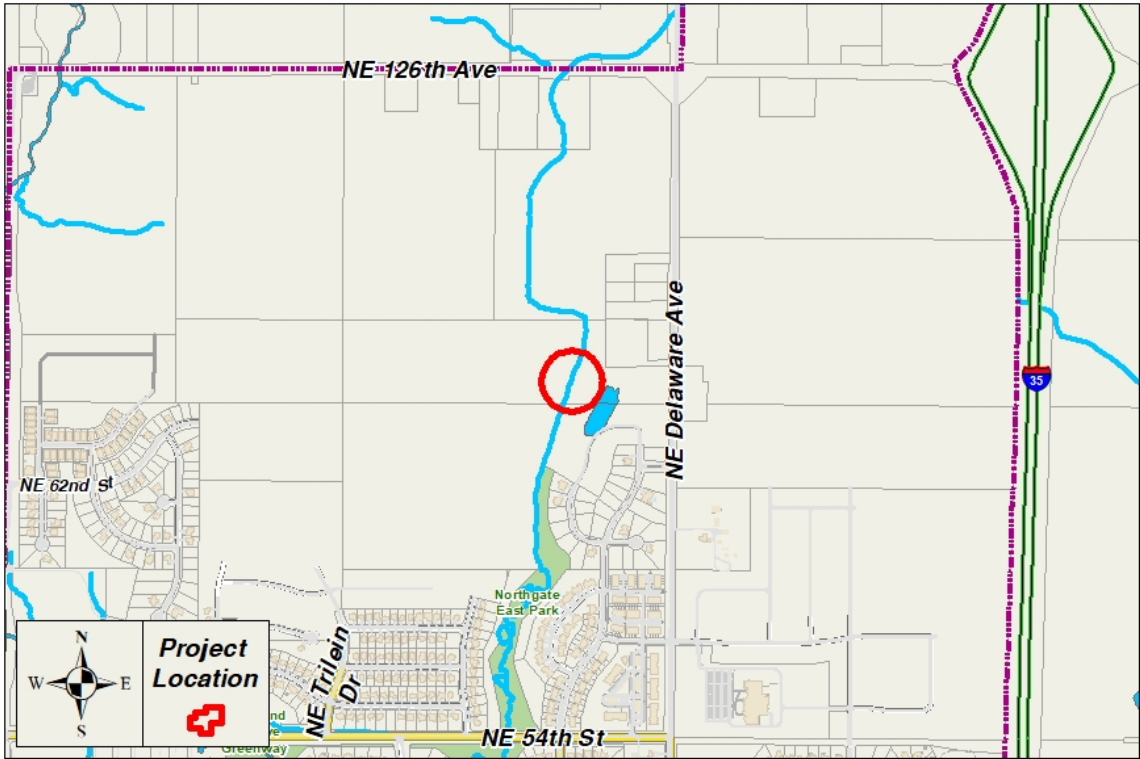
The new RCB culvert will have a negligible impact on the City’s maintenance costs. The RCB culvert(s) will be added to the Annual Bridge Inspection Program for monitoring purposes, following construction.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	BRG-23-001
Project Name	NE 62nd Street RCB Culvert for Four Mile Tributary



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Fire
Contact Fire Chief
Type Purchase
Useful Life 20 years
Category Operating/Construction Equip

Project #	OEC 23-001
Project Name	Ladder Truck Replacement

Description
Purchase a replacement ladder truck for the fire department emergency response fleet. This apparatus will be operated from Fire Station No. 1 as the primary fire response vehicle from this location and will include a fire pump and water tank. If approved, we would plan to order the apparatus at the beginning of the FY 2025 budget. We anticipate a manufacturing time of 48-52 months after the signed contract is submitted to the manufacturer (anticipated delivery in the FY 2029 budget year).

Justification
The purpose of this project is to increase the reliability of our single aerial ladder as well as provide the opportunity to optimize the response capabilities of our front-line apparatus. Our current ladder truck suffered significant damage during the 2018 heavy rain event when the apparatus became submerged in flood waters while performing water rescues of stranded citizens. After being repaired from the damage sustained during this event, the apparatus has had a less-than-ideal reliability record.

Expenditures	2024	2025	2026	2027	2028	Total
Vehicle/Equipment					2,495,000	2,495,000
Total					2,495,000	2,495,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds					2,495,000	2,495,000
Total					2,495,000	2,495,000

Budget Impact/Other
A new ladder truck will increase the reliability of our emergency vehicle fleet and address the ongoing maintenance issues with our current aerial apparatus. The new ladder truck will also provide us the opportunity to evaluate how our fleet is utilized for calls for service, optimize response capabilities across all front-line apparatus, and reduce the number of apparatus in the current fleet by consolidating capabilities.
There will be minimal impact on the operating budget as the existing funding should account for the normal maintenance and fuel for this apparatus.
The cost estimate for the new ladder truck is \$2,370,000 with an additional \$125,000 required for radios, MDT, and equipment to outfit the apparatus.

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Fire

Contact Fire Chief

Project # OEC 23-001

Project Name Ladder Truck Replacement



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Park Facilities

Project #	PRK-00-002
Project Name	Annual Park Development Program

Description
The Annual Park Development Program consists of improvements to existing park facilities or construction of new parks. Improvements include such amenities as shelters, play structures, picnic amenities, landscaping, etc.

Justification
2024 •Watercrest Park Expansion (8 acres): splash pad, shelter, trail loop, parking lot, landscaping, etc.
2025 •Aspen Ridge Park: playground, trail loop, shelter, etc.
2026 •Kimberley Crossing Park: playground, trail loop, shelter, etc.
2027 •Trestle Ridge Park: playground, High Trestle Trail connection, shelter, etc.
2028 •Des Moines Street Parks - North Park: shelter, turf improvements, etc.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	60,000	47,000	50,000	52,000	54,500	263,500
Construction Costs	760,000	423,000	445,000	468,000	490,500	2,586,500
Total	820,000	470,000	495,000	520,000	545,000	2,850,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	720,000	370,000	395,000	420,000	445,000	2,350,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	820,000	470,000	495,000	520,000	545,000	2,850,000

Budget Impact/Other
Watercrest Park Expansion will increase operating and maintenance costs by a negligible amount.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		500	500	500	500	2,000
Utilities		1,200	1,200	1,200	1,200	4,800
Total		1,700	1,700	1,700	1,700	6,800

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation

Contact Parks and Recreation Director

Project # PRK-00-002

Project Name Annual Park Development Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Park Facilities

Project #	PRK-18-003
Project Name	Hawkeye Park Tennis Courts Reconstruction

Description

Hawkeye Park Sports Complex – Tennis Courts Reconstruction

Justification

The playing surface on the Hawkeye Park Sports Complex tennis courts (six courts) is in fair condition. In 2008, the City contracted Tennis Surfaces of Iowa to provide a temporary playing surface instead of the traditional asphalt overlay (which was occurring every 5-7 years). This temporary surfacing material, attached to the subsurface asphalt with fiberglass, has done an adequate job providing a safe playing surface, but does not provide a true competitive tennis court surface. The Parks Department continues to receive many complaints on the alternate court surfacing currently in place.

Additionally, with high school tennis in the spring taking precedence at the Prairie Ridge Sports Complex, the tennis community complains about the congestion and lack of quality courts available for the public to utilize. The proposed project would demo the existing playing surface and subsurface asphalt, provide a new rock subbase, 5” asphalt playing surface and new nets/posts. The new 5” asphalt depth would provide the community another sufficient tennis option and would prolong any needed repairs due to the surfaces freeze/thaw process.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		75,000				75,000
Construction Costs		775,000				775,000
Total		850,000				850,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		850,000				850,000
Total		850,000				850,000

Budget Impact/Other

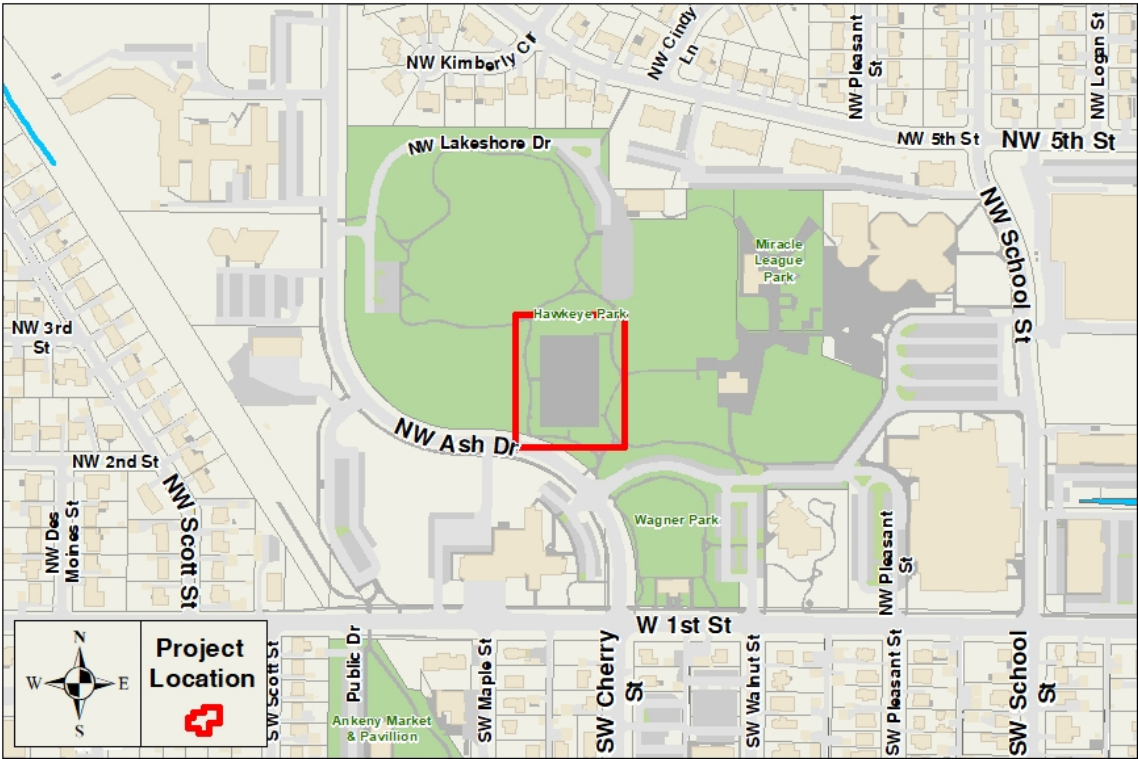
None, as this project renovates a current park amenity.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-18-003
Project Name	Hawkeye Park Tennis Courts Reconstruction



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Park Facilities

Project #	PRK-22-005
Project Name	High Trestle Trail Experience Park

Description

This request is for funding improvements to the High Trestle Trail (HTT) corridor from the Albaugh Family Senior Community Center to the HTT underpass under South Ankeny Boulevard. Improvements will include grading, importing soil, native plantings, 119 trees, and installing lighting along this nearly 5,000 LF of trail right-of way. Grading will prepare the trail right-of-way for future public art projects, trail side paths/detours, and other interactive enhancements on both sides of the trail corridor from SW Cherry Street to South Ankeny Boulevard (or approximately 3,000 LF). The total area impacted will be approximately 14 acres as a multi-phase, multi-year project.

Justification

This work began with the City's Bicycle Tourism and Economic Development Strategy. One component of this work was enhancing the trail corridor, which lead to the creation of the High Trestle Trail Corridor Public Art Plan, and subsequently a specific vision for this area. The improvements associated with this request will begin to create a linear park on existing City-owned property in the center of Ankeny.

These site-preparation improvements will enhance the trail with landscaping and lighting, but also set the stage for adding interactive enhancements strategically placed along the trail to create a unique experience for both residents and visitors and trail users and non-trail users to enjoy. Regional and federal grants, along with private donations, will be pursued to support the enhancements after the grading and lighting is complete.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	924,000		1,000,000		1,000,000	2,924,000
Total	924,000		1,000,000		1,000,000	2,924,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	631,000					631,000
Hotel/Motel Tax Fund	293,000		500,000		500,000	1,293,000
Other Grants			500,000		500,000	1,000,000
Total	924,000		1,000,000		1,000,000	2,924,000

Budget Impact/Other

Operating impacts include ongoing park maintenance, including cleaning, trash removal, general maintenance of landscape, and electricity costs for lighting. The 14 acres is currently part of the City's mowing contract.

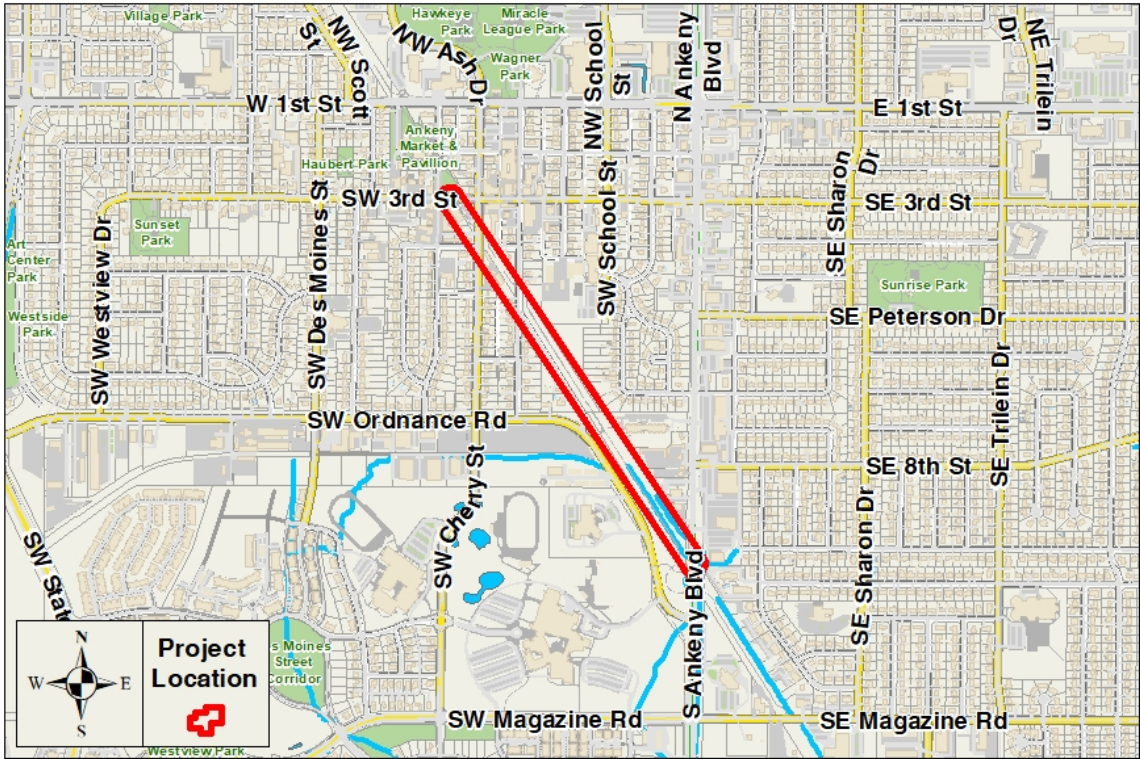
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		1,500	1,500	1,500	1,500	6,000
Utilities		750	750	750	750	3,000
Total		2,250	2,250	2,250	2,250	9,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-22-005
Project Name	High Trestle Trail Experience Park



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director
Type Replacement
Useful Life 20 years
Category Park Facilities

Project #	PRK-24-001
Project Name	Sunrise Park Parking Lot Overlay

Description
Asphalt overlay of the Sunrise Park parking lot.

Justification
The Sunrise Park parking lot needs a maintenance overlay because the existing surface is no longer structurally sound, is well-aged and full of cracks. The project includes a 3-inch mill and overlay, and striping.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction		25,000				25,000
Services						
Construction Costs		125,000				125,000
Total		150,000				150,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		150,000				150,000
Total		150,000				150,000

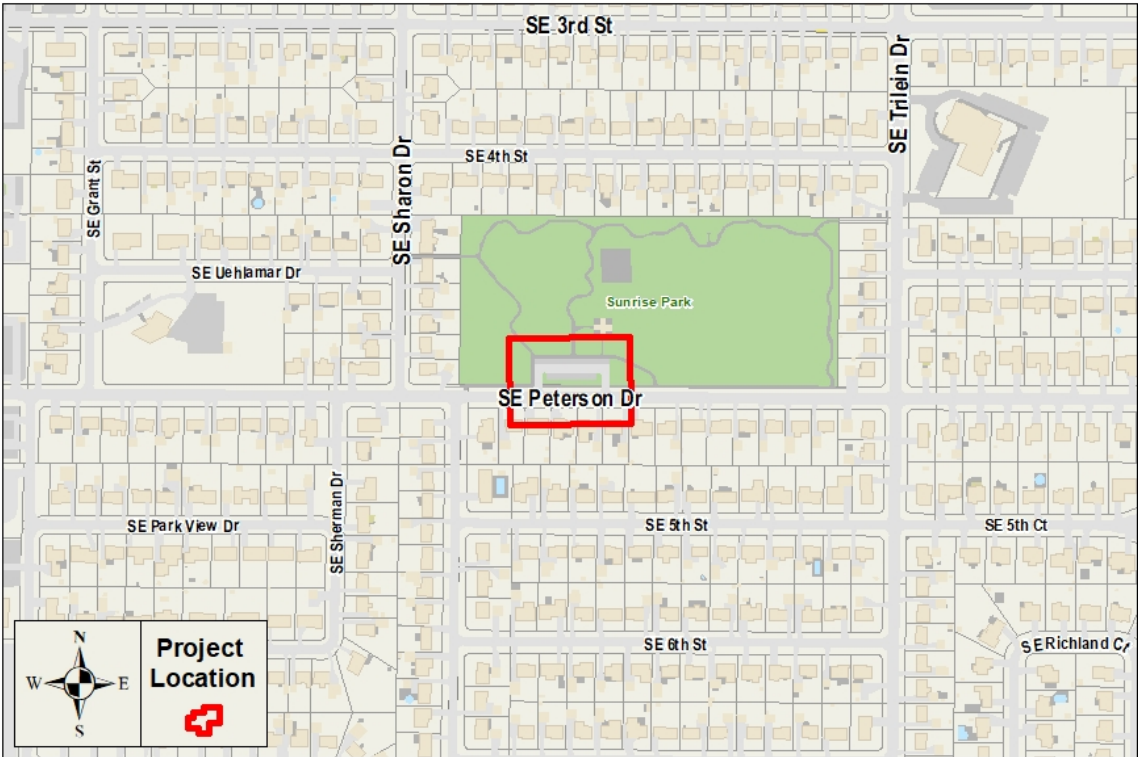
Budget Impact/Other
None, as this project renovates a current park facility.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-24-001
Project Name	Sunrise Park Parking Lot Overlay



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department

Parks and Recreation

Contact

Parks and Recreation Director

Type

Replacement

Useful Life

20 years

Category

Park Facilities

Project #

PRK-24-002

Project Name

Prairie Ridge Sports Complex N Parking Lot Overlay

Description

Asphalt overlay of the north parking lot at the Prairie Ridge Sports Complex.

Justification

The north parking lot at the Prairie Ridge Sports Complex needs a maintenance overlay because the existing surface is no longer structurally sound, well-aged and full of cracks. The project includes a 3" mill and overlay, full depth patch work in multiple locations, gutter flowlines and striping.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services			70,000			70,000
Construction Costs			1,800,000			1,800,000
Total			1,870,000			1,870,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds			1,870,000			1,870,000
Total			1,870,000			1,870,000

Budget Impact/Other

None, as this project renovates a current park facility.

City of Ankeny, Iowa

2024 *thru* 2028

Department Parks and Recreation

Contact Parks and Recreation Director

Project # **PRK-24-002**

Project Name **Prairie Ridge Sports Complex N Parking Lot Overlay**



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Sidewalks/Trails

Project #	SDW-00-001
Project Name	Annual Sidewalk/Trail Construction Program

Description

The Annual Sidewalk/Trail Construction Program includes constructing sidewalk improvements including the construction of ADA compliant pedestrian ramps within existing neighborhoods and the construction of sidewalk gaps adjacent to and within City-owned properties.

•Pedestrian Ramp Improvements for ADA Compliance:
o2024 to 2028 - \$350,000/year (construction)

•Sidewalk Gaps along City Property and 8-ft. sidewalk and 10-ft. trail panel replacements:
o2024 to 2028 - \$175,000/year (construction)

•Development Sidewalk Oversizing:
o2024 to 2028 - \$50,000/year (previous development agreements)

The projects that are constructed annually from this program are designed and inspected in-house by Public Works Engineering Division staff. Development sidewalk oversizing is funding set aside for reimbursement to developers when constructing 8-ft. sidewalks on one side of collector streets within subdivisions.

Justification

The purpose of this program is to bring existing pedestrian ramps into Americans with Disabilities Act (ADA) compliance (per requirements mandated by the Federal Government) and provide new sections and/or replace deteriorated panels of 8-ft. sidewalks and 10-ft. trails adjacent to the City’s arterial and collector streets in order to promote non-motorized travel and a corresponding healthier lifestyle within the City. These projects are often completed in conjunction with the Parks & Recreation Department to maximize the connectivity of the overall sidewalk and trail system.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	575,000	575,000	575,000	575,000	575,000	2,875,000
Total	575,000	575,000	575,000	575,000	575,000	2,875,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	225,000	225,000	225,000	225,000	225,000	1,125,000
Road Use Tax Fund	350,000	350,000	350,000	350,000	350,000	1,750,000
Total	575,000	575,000	575,000	575,000	575,000	2,875,000

Budget Impact/Other

Upgrading existing pedestrian ramps and bringing them into ADA compliance may reduce the number of complaints City staff follow up with regarding non-compliant or hazardous ramps. The additional 8-ft. sidewalks will increase maintenance costs for the City due to the additional winter maintenance that will be required. However, having a more connected trail system should make winter maintenance operations more efficient for Parks & Recreation staff.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	3,000	3,400	3,800	4,200	4,600	19,000
Total	3,000	3,400	3,800	4,200	4,600	19,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # SDW-00-001

Project Name Annual Sidewalk/Trail Construction Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility

Contact Municipal Utilities Director

Type Improvement

Useful Life 40 years

Category Sanitary Sewers

Project # SNS-00-001

Project Name Annual Sanitary Sewer Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of sanitary sewers and structures and the Sanitary Sewer Fund's portion of the neighborhood projects.

Specific projects for 2024 to 2028 include:

- Bi-annual CIPP sanitary sewer lining: 2024 to 2028 - \$500,000/year even years
- Bi-annual manhole repair project: 2024 to 2028 - \$500,000/year odd years
- Sanitary sewer spot repairs: 2024 to 2028 - \$75,000/year
- Development sanitary sewer oversizing: 2024 - \$30,000 and 2025 to 2028 - \$20,000/year
- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
 - o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
 - o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):

- o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
- o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
- o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
- o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
- o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The City's sanitary sewer system is routinely inspected and monitored by Municipal Utilities staff in order to assess the condition of the infrastructure and identify any portions that may need to be repaired or replaced. Municipal Utilities staff has determined the projects in this program by visual inspection of the sanitary sewer system, including manholes and pipes and from investigations following resident complaints. The projects in this program are justified by the need to maintain a functional sanitary sewer system, reduce inflow and infiltration, reduce long-term maintenance issues and address resident complaints. This is continuing the increased request for Cured in Place Pipe (CIPP) sanitary sewer lining bi-annually as the City has approximately 230,000 LF of Vitrified Clay Pipe (VCP) within the system and even at the newly requested rate it will take 18 years to get all of the VCP lined. CIPP lining reduces approximately 20% of the Inflow and Infiltration (I&I) in the line segment it is installed in and it also prevents root intrusion within City mains, which is a major contributor to sewer backups and service calls. This CIPP lining however, does not prevent I&I or root issues within private lines or services.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	1,205,000	1,245,000	1,295,000	1,345,000	1,395,000	6,485,000
Survey/Preliminary Analysis	100,000					100,000
Total	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	355,000	220,000	145,000	95,000	45,000	860,000
Sewer Fund	1,000,000	1,100,000	1,200,000	1,300,000	1,400,000	6,000,000
Total	1,355,000	1,320,000	1,345,000	1,395,000	1,445,000	6,860,000

Budget Impact/Other

The operating impact for this project will provide a cost savings over time due to the replacement of old and deteriorating sanitary sewer with new PVC mains, relined mains and repaired pipes. This will reduce the I&I and lower the WRA flow. These areas will be placed on the routine pipe cleaning and inspection programs at the end of the maintenance bond, reducing the maintenance cost for that period. The number of Sanitary Sewer Overflows (SSO) and basement back-ups that Municipal Utilities staff will have to respond to should be reduced in the near term, with the upgraded infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-00-001

Project Name Annual Sanitary Sewer Replacement Program



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-12-001
Project Name	Otter Creek Trunk Sewer-Phase 4

Description
Install approximately 4,000 LF of 24-inch diameter sanitary trunk sewer from the north end of Otter Creek Trunk Sewer – Phase 3 north to NE 54th Street along the creek west of NE Four Mile Drive.

Justification
The purpose of this project is to extend sanitary sewer service north to the area around NE 54th Street and NE Four Mile Drive. The timing of this project will depend upon development in the area of the NE 36th Street interchange.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction		150,000				150,000
Services						
Construction Costs		1,500,000				1,500,000
Total		1,650,000				1,650,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		1,650,000				1,650,000
Total		1,650,000				1,650,000

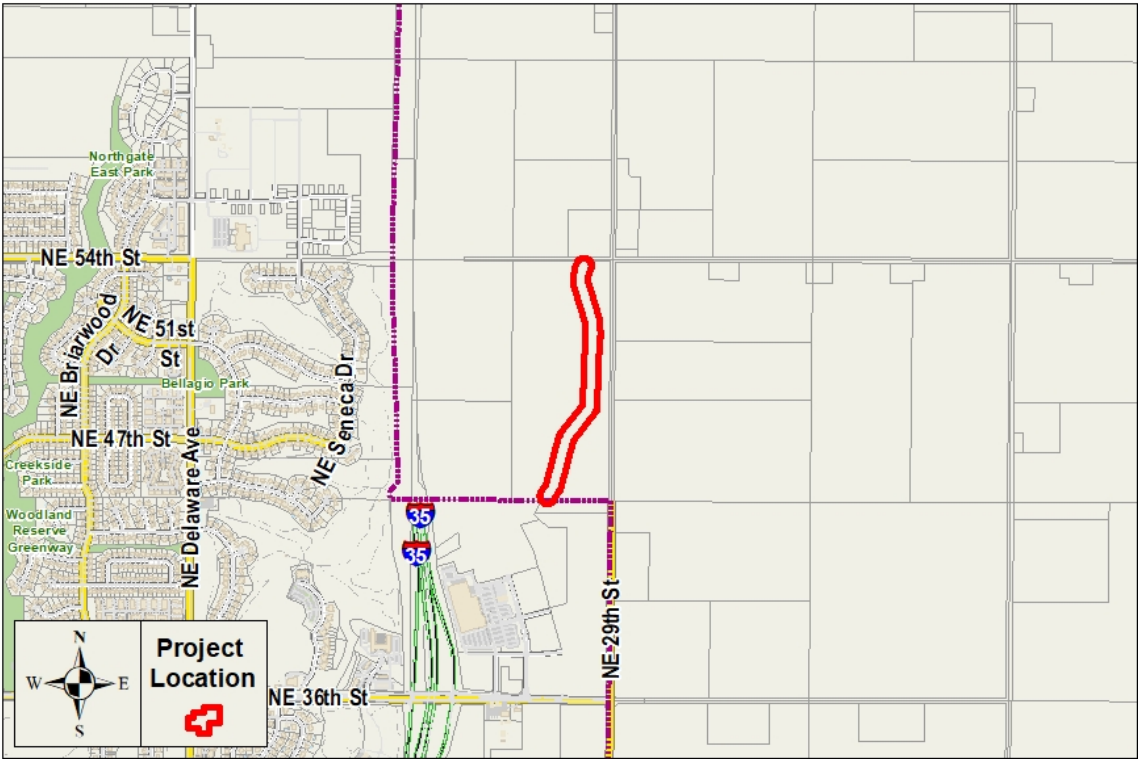
Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being a large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-12-001
Project Name	Otter Creek Trunk Sewer-Phase 4



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type Replacement
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-20-002
Project Name	SE 3rd Street Trunk Sewer Extension

Description
Installation of approximately 1,300 LF of 15” sanitary sewer along SE 3rd Street, between South Ankeny Boulevard and SE Sharon Drive. Additionally, the existing 4” water main within that same corridor will be replaced and upsized to 8” main (1,600 LF). The project will utilize open cut construction, and a temporary water supply system will be utilized to keep the existing homes within the area in service.

Justification
This project is necessary as many residences within the subject area have experienced historical basement flooding issues. Additionally, data from the June 30, 2018 rain event showed that a significant number of homes within the subject area experienced basement backups, with excess of 24” of water in the basement. With the extensive amount of disturbance needed to complete this project, it becomes more cost effective to upsize/replace the existing water main at this time as well. The proposed project will need to be coordinated with the Public Works proposed SE 3rd Street Area Trunk Storm Sewer Improvements along this corridor.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	30,000	15,000				45,000
Construction Costs	761,000	338,000				1,099,000
Total	791,000	353,000				1,144,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund	791,000	353,000				1,144,000
Total	791,000	353,000				1,144,000

Budget Impact/Other
It is anticipated that construction of this project should have an immediate benefit to the sanitary sewer within this area by increasing system capacity, and reducing the frequency of basement backups. This should result in a reduced need for inspection and maintenance. Upsizing of the water main will help to reduce friction losses within the distribution system, and provide better hydraulics to serve the demand within the area. It will take approximately 25,000 gallons to fill and flush the new water main.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	65,100	28,900				94,000
Total	65,100	28,900				94,000

City of Ankeny, Iowa

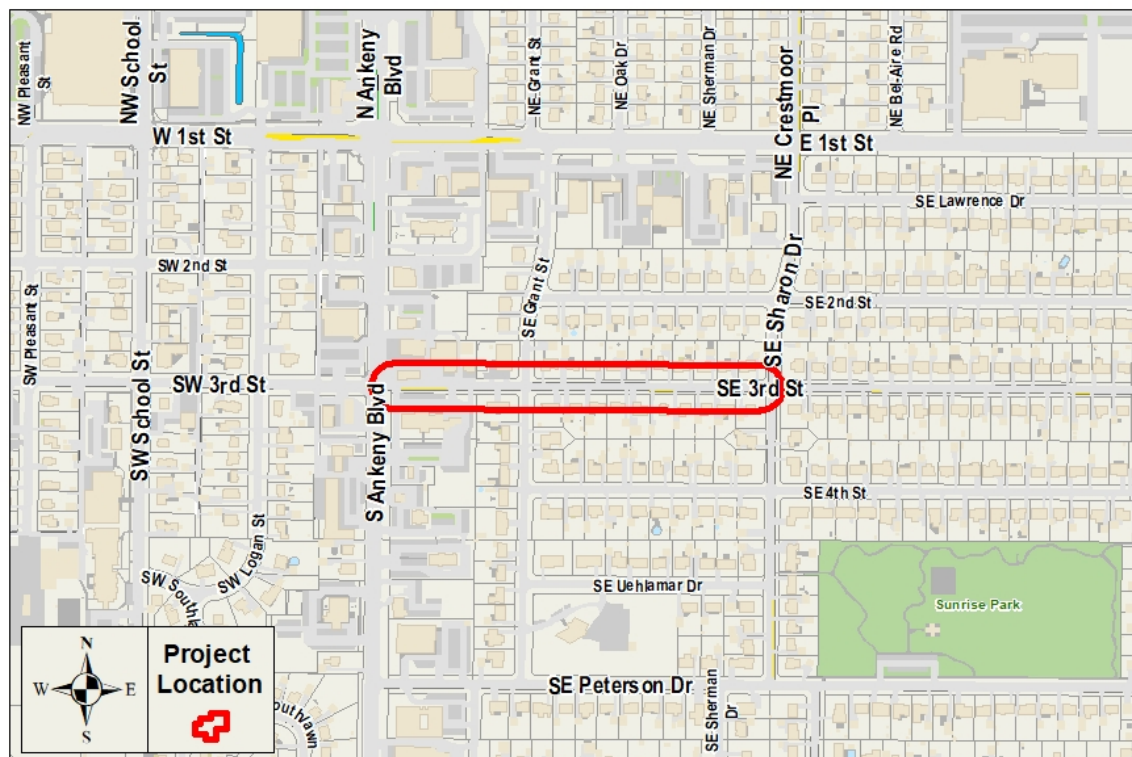
2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-20-002

Project Name SE 3rd Street Trunk Sewer Extension



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-001
Project Name	Trestle Ridge Trunk Sewer Cost Share

Description
The Trestle Ridge Trunk Sewer Cost Share project will include installation of approximately 1,600 LF of 24-inch sanitary sewer in 2024 and approximately 2,700 LF of 21-inch sanitary sewer in 2025. The Phase 1 trunk sewer will connect at an existing manhole at the northwest corner of Trestle Ridge Estates Plat 6 and continue north under NW 36th Street, terminating just north of NW 36th Street. Phase 2 will start at the north end of the Phase 1 limits to approximately 2,700 feet north of NW 36th Street and 1,400 feet west of NW Irvinedale Drive.

Justification
The Trestle Ridge Trunk Sewer Cost Share project is being proposed due to the developer planning to provide sanitary sewer to a subdivision north of NW 36 Street and west of NW Irvinedale Drive. The sanitary sewer (Phase 1 & 2) is approximately 4,300 feet short of serving this subdivision. The City will pay the cost difference of upsizing from an 8-inch line in order to avoid creating a development agreement that will result in hundreds of acres of credit due to the developer that will take an unknown amount of time to pay out. This method should be cost beneficial for both the City and developer in the long run. This project was proposed for 2023 but the development project didn't occur so this cost share is being proposed for 2024 in anticipation the development occurs next year. The project is split into two phases in 2024 and 2025 to account for the possibility that the land along this trunk line gets developed in phases similar to what we have shown.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	325,000	425,000				750,000
Total	325,000	425,000				750,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	325,000	275,000				600,000
Sewer Fund		150,000				150,000
Total	325,000	425,000				750,000

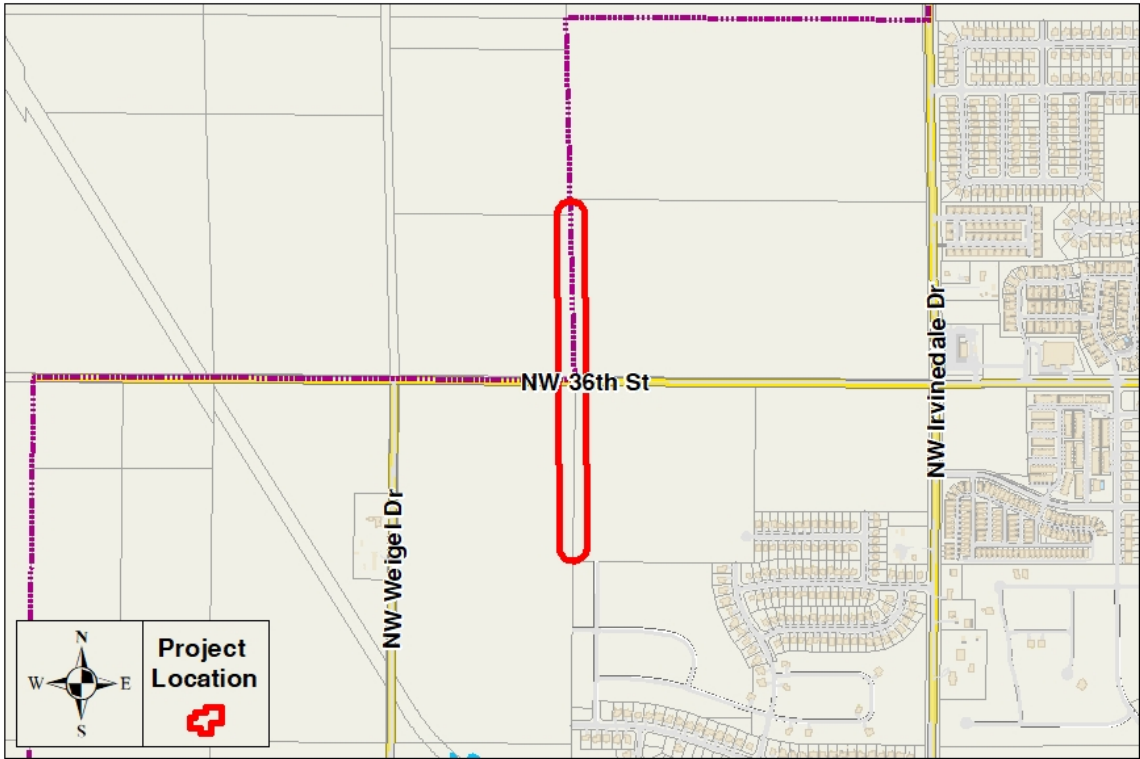
Budget Impact/Other

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-22-001
Project Name	Trestle Ridge Trunk Sewer Cost Share



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-003
Project Name	Clover Ridge Trunk Sewer Extension

Description
Install approximately 1,375 LF of 24-inch diameter sanitary trunk sewer from the existing 24-inch sanitary line at west end of SE 17th Street, north to NE 86th Avenue (NE Magazine Road). The project will primarily utilize open-cut construction, with approximately 40 LF of trenchless construction beneath the existing road (NE 86th Avenue).

Justification
This project has become a need due to recent interest in the development of land and potential annexations within the vicinity of the East 1st Street/NE 29th Street intersection. This trunk line will serve a large portion of developable land south of East 1st Street. The timing of this project is dependent upon the annexation of much of the land within this area.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		91,000				91,000
Engineering-Construction Services			76,000			76,000
Construction Costs			770,000			770,000
Land/ROW Acquisition		14,000				14,000
Total		105,000	846,000			951,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		105,000	846,000			951,000
Total		105,000	846,000			951,000

Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

City of Ankeny, Iowa

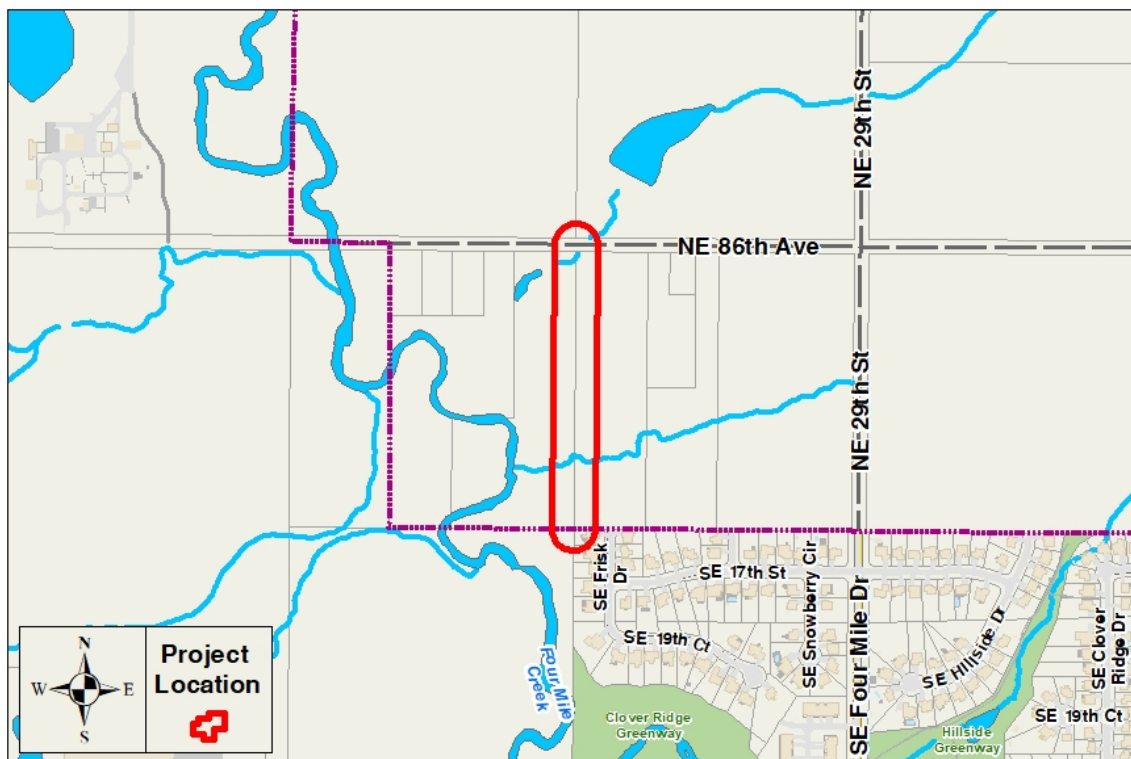
2024 *thru* 2028

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-22-003

Project Name **Clover Ridge Trunk Sewer Extension**



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-22-004
Project Name	Polk County Lift Station Decommissioning

Description
The project to decommission the Polk County Lift Station will include installation of approximately 2,850 LF of 12-inch sanitary sewer under Interstate 35 to connect existing manhole 23N 18 near the lift station to manhole 23N 3 south of SE Convenience Boulevard.

Justification
This lift station is currently owned and maintained by Polk County. The City has an agreement with the County to overtake the ownership and maintenance once the land this lift station supports is 75% or more developed within the City of Ankeny. With the growth and development that has occurred in this area, it will be the City's responsibility within the next couple of years. This project will connect an existing manhole near the lift station to an existing manhole east of Interstate 35 so the sanitary sewer will bypass the lift station via gravity flow.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		152,000				152,000
Engineering-Construction Services			152,000			152,000
Construction Costs			1,520,000			1,520,000
Land/ROW Acquisition		2,000				2,000
Total		154,000	1,672,000			1,826,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund		154,000	1,672,000			1,826,000
Total		154,000	1,672,000			1,826,000

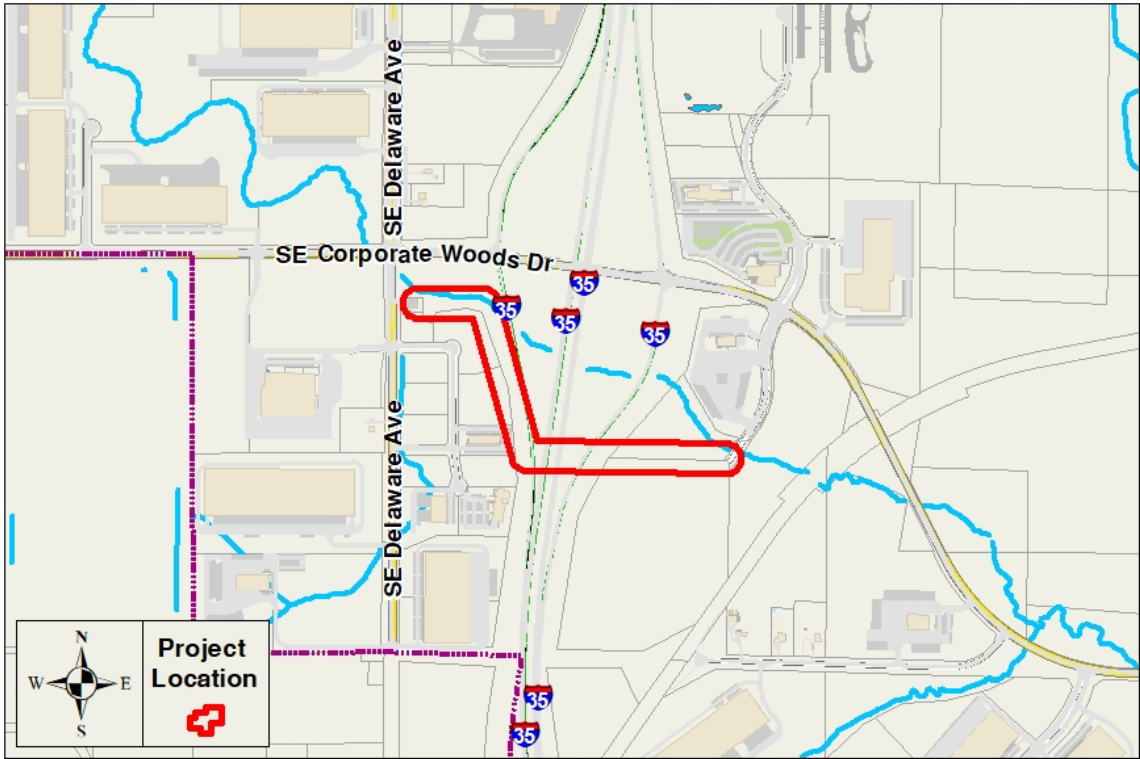
Budget Impact/Other
Since this is a new sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-22-004
Project Name	Polk County Lift Station Decommissioning



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type Replacement
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-23-002
Project Name	SW Irvinedale Drive Sanitary Sewer Replacement

Description
Installation of approximately 200 LF of 8” sanitary sewer west of SW Irvinedale Drive and south of West 1st Street. This replacement project will utilize open-cut construction.

Justification
This project is necessary due to a roughly 40% sag in the existing segment of pipe. Replacement is necessary in order to eliminate future backups and reduce the amount of maintenance the City currently performs on the line.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			12,000			12,000
Engineering-Construction Services				10,000		10,000
Construction Costs				107,000		107,000
Land/ROW Acquisition				1,000		1,000
Total			12,000	118,000		130,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund			12,000	118,000		130,000
Total			12,000	118,000		130,000

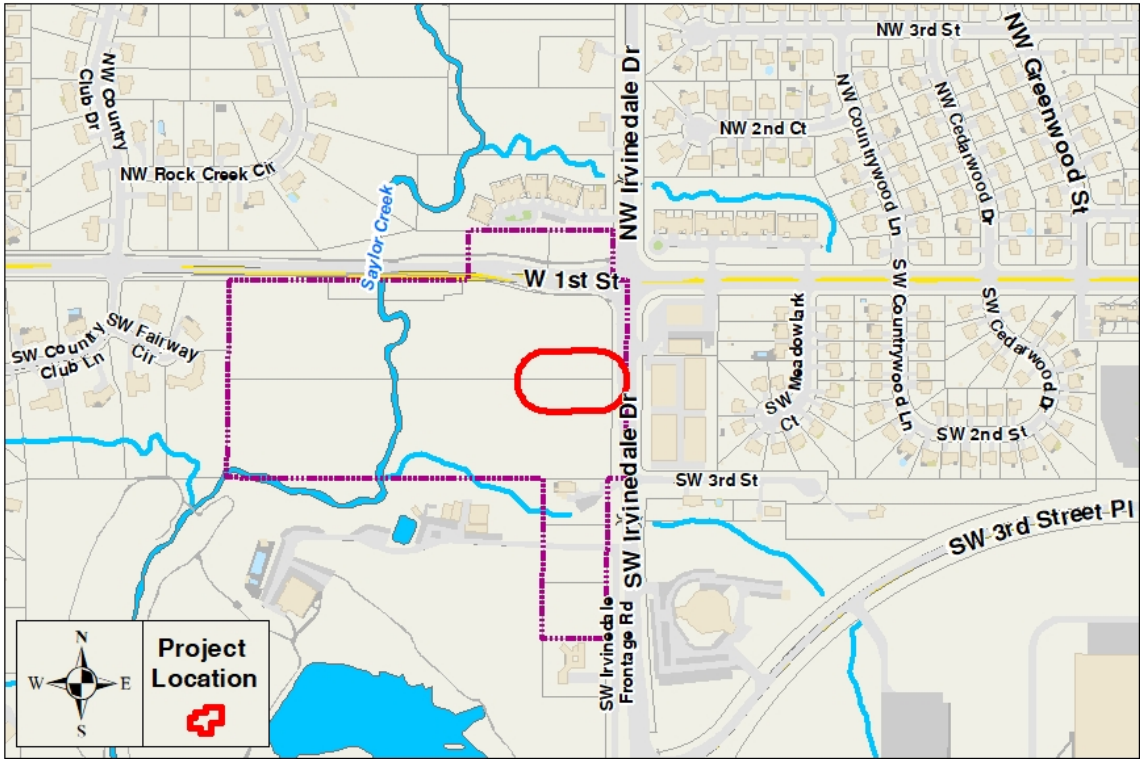
Budget Impact/Other
It is anticipated that construction of this project should have an immediate benefit to the sanitary sewer within this area by increasing system capacity, and reducing the frequency of basement backups. This should result in a reduced need for inspection and maintenance.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-23-002
Project Name	SW Irvinedale Drive Sanitary Sewer Replacement



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project # SNS-23-003

Project Name Deer Creek Trunk Sewer Extension

Description

Install approximately 2,900 LF of 30-inch diameter sanitary trunk sewer from the existing 30-inch sanitary line from the south side of NE 18th Street to about 2,800 feet north of NE 18th Street.

Justification

This project is needed for future land to be annexed and developed north of NE 18th Street. This trunk line will serve a large portion of development land north of NE 18th Street and east of NE 29th Street (county) to the City's 2040 projected growth boundary.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				216,000		216,000
Engineering-Construction Services					180,000	180,000
Construction Costs					1,805,000	1,805,000
Land/ROW Acquisition					24,000	24,000
Total				216,000	2,009,000	2,225,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund				216,000	2,009,000	2,225,000
Total				216,000	2,009,000	2,225,000

Budget Impact/Other

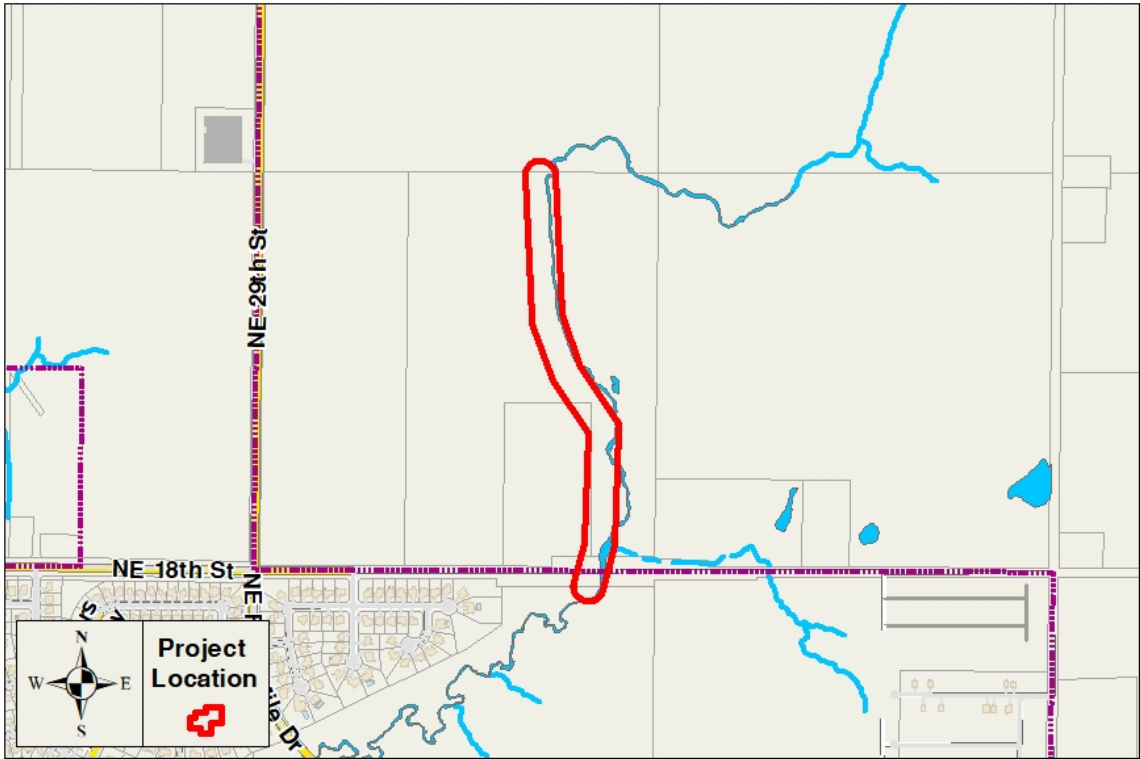
Since this is new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being large diameter trunk sewer, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have the equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-23-003
Project Name	Deer Creek Trunk Sewer Extension



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-24-001
Project Name	Fire Station No. 4 Sanitary Sewer

Description

This project will construct approximately 1,950 LF of 8-inch sanitary sewer line from the intersection of NW 18th Street and NW Savannah Drive to the southeast corner of the Fire Station No. 4 property.

Justification

This project will be necessary if Savannah Plat 1 to the south of Fire Station No. 4 doesn't develop in 2024. If constructed, Savannah Plat 1, will provide the necessary sanitary sewer to serve Fire Station No. 4. This project is proposed in the event the developer doesn't move forward with their project and the City needs to install the sewer for proper sanitary service to Fire Station No. 4.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	130,000					130,000
Construction Costs	588,000					588,000
Land/ROW Acquisition	12,000					12,000
Total	730,000					730,000
Funding Sources	2024	2025	2026	2027	2028	Total
Sewer Fund	730,000					730,000
Total	730,000					730,000

Budget Impact/Other

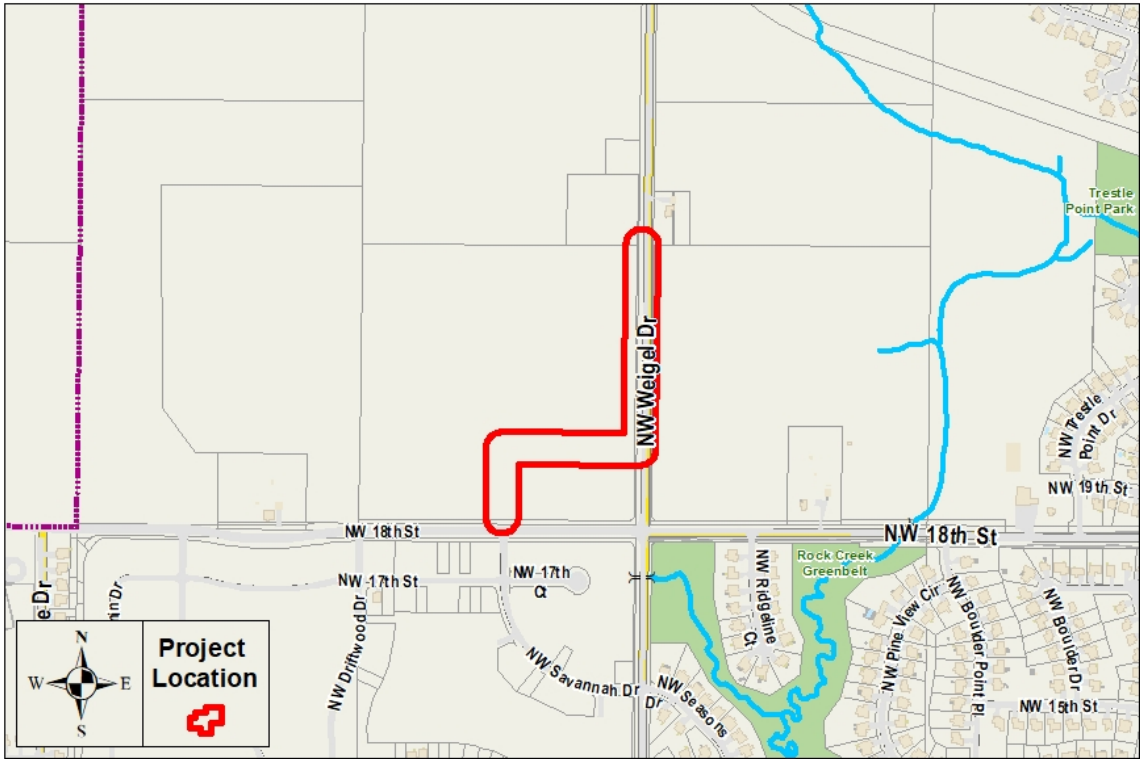
Since this is a new sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-24-001
Project Name	Fire Station No. 4 Sanitary Sewer



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Sewer Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Sanitary Sewers

Project #	SNS-24-002
Project Name	Four Mile Creek Trunk Sewer - Phase 2

Description
Install approximately 2,000 LF of 30-inch diameter sanitary trunk sewer from the Four Mile Creek Trunk Sewer – Phase 1 end limits to about 1,300 LF north of NE 62nd Street on the east side of North Ankeny Boulevard.

Justification
This project has become necessary due to recent development and annexations north of NE 54th Street. This trunk line will serve a large portion of developable land north of NE 54th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	150,000					150,000
Construction Costs	2,100,000					2,100,000
Land/ROW Acquisition	25,000					25,000
Total	2,275,000					2,275,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	500,000					500,000
Sewer Fund	1,775,000					1,775,000
Total	2,275,000					2,275,000

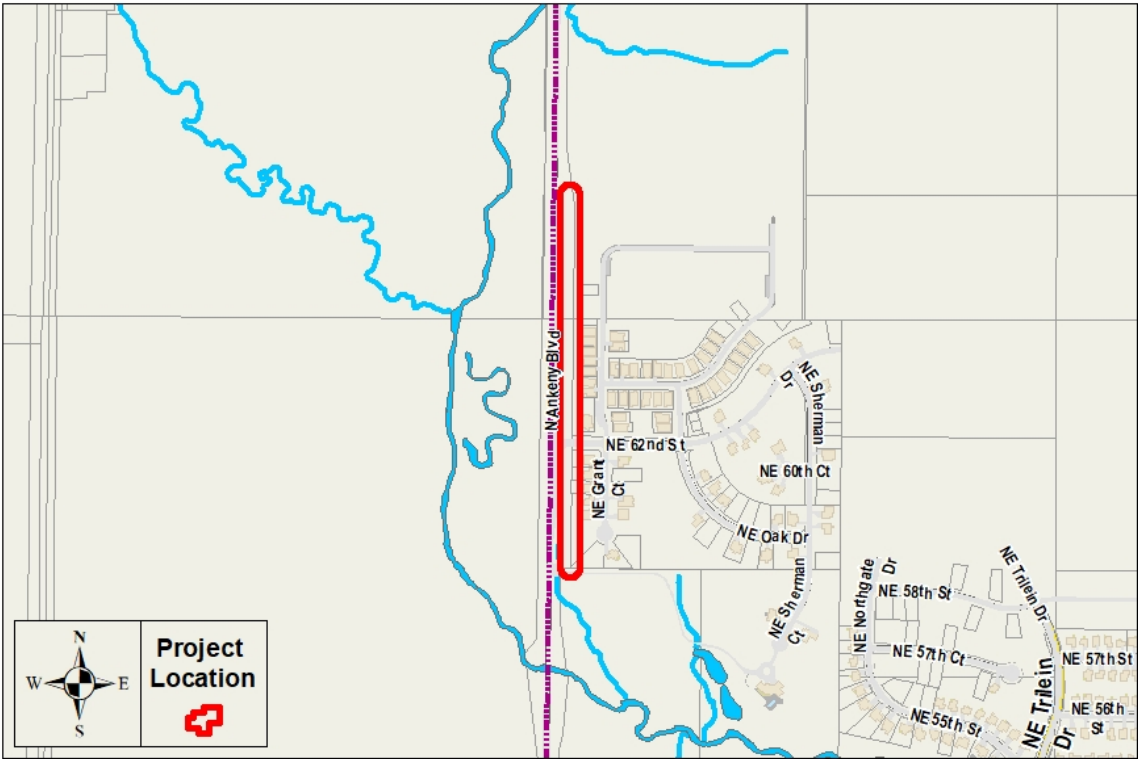
Budget Impact/Other
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to the routine pipe cleaning and inspection programs once the maintenance bond period has passed. Being a large diameter trunk sewer, however, this would have a lower frequency of maintenance and it would likely be hired out as the City does not have equipment to televise this size of active sewer.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Sewer Utility
Contact Municipal Utilities Director

Project #	SNS-24-002
Project Name	Four Mile Creek Trunk Sewer - Phase 2



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Storm Water

Project # STM-00-001

Project Name Annual Storm Water Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of storm sewer pipes, structures, channels, etc. Specific projects, listed in order of priority, for 2024 include:

1. Replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection – \$155,000
2. Drainage improvements on North Creek Trail near North Creek Park – \$20,000
3. Repairs to a storm sewer outlet to Four Mile Creek – \$30,000
4. Maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway – \$200,000
5. Storm water conservation project to be designed and constructed in 2024 – \$10,000
6. Minor storm water management and storm sewer improvements and repairs (locations TBD) – \$35,000

Justification

The purpose of these projects is to repair or improve stormwater infrastructure and associated areas to manage storm water more effectively, stabilize and repair areas of erosion or structural issues, and/or address public safety concerns. The open cut repairs will repair or replace failed or damaged storm sewers and/or structures. Storm water conservation design projects will be added on City property to provide water quality improvements and serve as a demonstration for residents. Throughout the year, additional locations for minor storm water management and storm sewer improvements and repairs will likely be identified and need to be addressed.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	20,000	60,000	60,000	60,000	70,000	270,000
Construction Costs	430,000	390,000	390,000	390,000	430,000	2,030,000
Total	450,000	450,000	450,000	450,000	500,000	2,300,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000	50,000				100,000
Storm Water Fund	400,000	400,000	450,000	450,000	500,000	2,200,000
Total	450,000	450,000	450,000	450,000	500,000	2,300,000

Budget Impact/Other

Repairing and improving the storm water management system will reduce the annual maintenance costs for the City because the Public Works Department will not have to continue regularly addressing the maintenance issues caused by deficiencies in the storm water management system.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-10,000	-10,000	-12,000	-12,000	-14,000	-58,000
Total	-10,000	-10,000	-12,000	-12,000	-14,000	-58,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility

Contact City Engineer

Project # STM-00-001

Project Name Annual Storm Water Replacement Program



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Ankeny

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2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-19-004
Project Name	Sawgrass Park Dam Improvements

Description

Improvements to address functionality, safety and associated issues with the Sawgrass Park Dam. The improvements will likely include grading to install an emergency overflow, outlet structure modification and slope armoring to reduce downstream risks.

Justification

The Sawgrass Park Dam was identified as deficient by the Iowa DNR in 2018 because the dam does not meet the Iowa DNR’s current design criteria. Due to the dam’s age, it likely did not need a permit when it was originally constructed. This project will improve the functionality of the upstream storm water detention basin by modifying the size of the outlet structure opening and providing a more efficient emergency overflow path. The downslope of the dam will likely be hard-armored to protect from slope failure if overtopping occurs in the future. These improvements will allow the dam to be in compliance with current Iowa DNR standards for low hazard dams.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	90,000					90,000
Engineering-Construction Services		30,000				30,000
Construction Costs		415,000				415,000
Total	90,000	445,000				535,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	90,000	445,000				535,000
Total	90,000	445,000				535,000

Budget Impact/Other

Improving the dam and the basin’s outlet infrastructure will reduce the annual maintenance costs for the City because the Public Works and Parks & Recreation departments should not have to repair the dam’s slope and the basin’s outlet infrastructure.

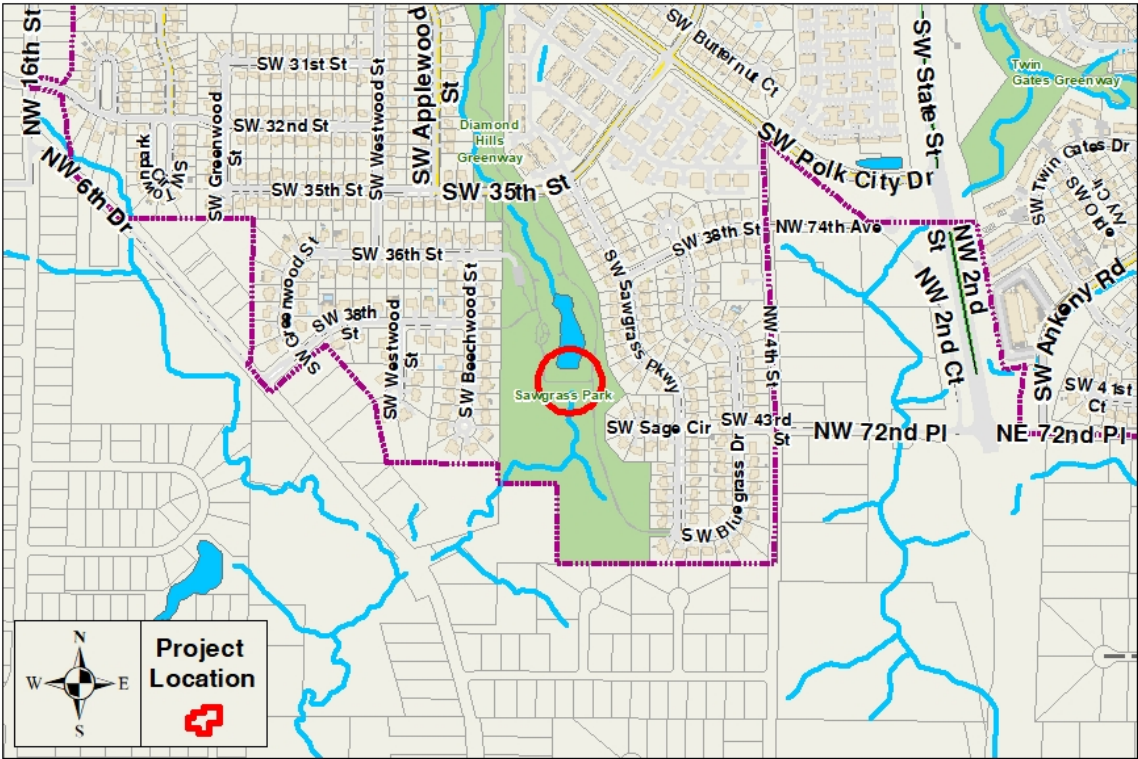
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-500	-500	-500	-1,500
Total			-500	-500	-500	-1,500

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 thru 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-19-004
Project Name	Sawgrass Park Dam Improvements



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-20-001
Project Name	Four Mile Creek and Tributary Stabilization

Description
Improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within Four Mile Creek between NE 47th Street and NE 54th Street and the tributary to Four Mile Creek east of St. James Place between NE 47th Street and NE 54th Street. The improvements may include clearing and grubbing to remove flow impediments and significant invasive tree growth; reshaping of the channel to establish stable slopes; reconnection to the floodplain; repairing and modifying an existing stormwater detention basin; repairing a horseshoe bend at risk of eroding and causing a shortened flow path; and establishing native/wetland plantings.

Justification
The purpose of this project is to stabilize the channel, repair gully erosion and a horseshoe meander, repair and modify a storm water detention basin, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the permitting and final design in 2024, and construction scheduled in 2025 and 2026. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	130,000					130,000
Engineering-Construction Services		160,000	145,000			305,000
Construction Costs		2,000,000	1,120,000			3,120,000
Total	130,000	2,160,000	1,265,000			3,555,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	130,000	1,040,000	596,300			1,766,300
Other Grants		1,120,000	668,700			1,788,700
Total	130,000	2,160,000	1,265,000			3,555,000

Budget Impact/Other
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure. Maintenance costs associated with the native vegetation however, will increase for several years after the project due to the labor and materials required to fully establish the native vegetation. The maintenance costs associated with establishing the native vegetation should reduce significantly three (3) years post construction.

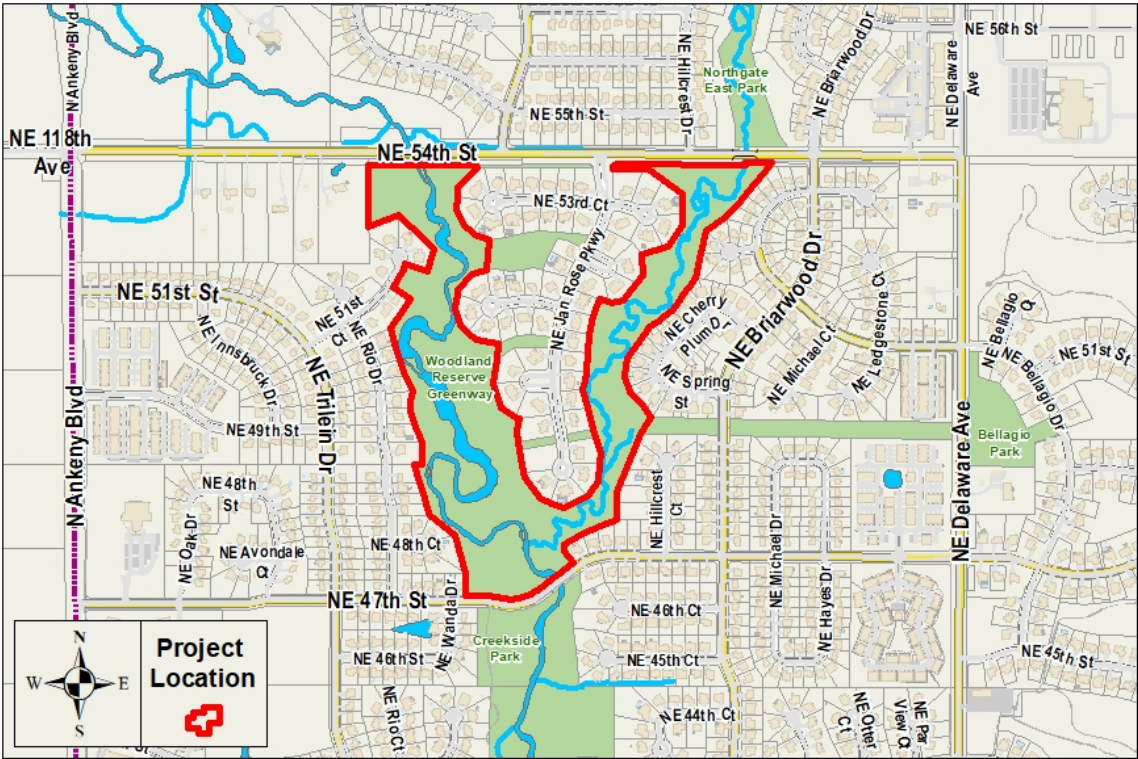
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				20,000	20,000	40,000
Total				20,000	20,000	40,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 thru 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-20-001
Project Name	Four Mile Creek and Tributary Stabilization



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-20-006
Project Name	SE 3rd Street Area Trunk Storm Sewer Improvements

Description

Construction of storm sewer infrastructure improvements in underserved sections of the SE 3rd Street area, which is located south of E 1st Street, north of SE Peterson Drive, east of South Ankeny Boulevard, and west of SE Sharon Drive. The proposed storm sewer infrastructure improvements will include footing drain/sump collector lines, storm sewer pipe, intakes, utility accesses, and related pavement removal and replacement necessary to install a trunk storm sewer along SE 3rd Street from S Ankeny Boulevard to SE Sharon Drive.

Justification

The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project’s proposed schedule includes construction in 2024 and 2025. The proposed storm sewer improvements on SE 3rd Street will need to be coordinated with the Municipal Utilities Department’s proposed SE 3rd Street Trunk Sanitary Sewer replacement, between South Ankeny Boulevard and SE Sharon Drive, and water main replacement along SE 3rd Street. The 2024 and 2025 construction costs include approximately \$160,000 of water main improvements.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	40,000	15,000				55,000
Construction Costs	900,000	400,000				1,300,000
Total	940,000	415,000				1,355,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	540,000	15,000				555,000
Storm Water Fund	400,000	400,000				800,000
Total	940,000	415,000				1,355,000

Budget Impact/Other

In the long term, adding new storm sewer infrastructure to the City’s storm water management system will reduce annual maintenance costs for the Public Works and Municipal Utilities departments, and it should reduce the amount of Storm Water Division staff time needed to address drainage issues and concerns in this area of the City.

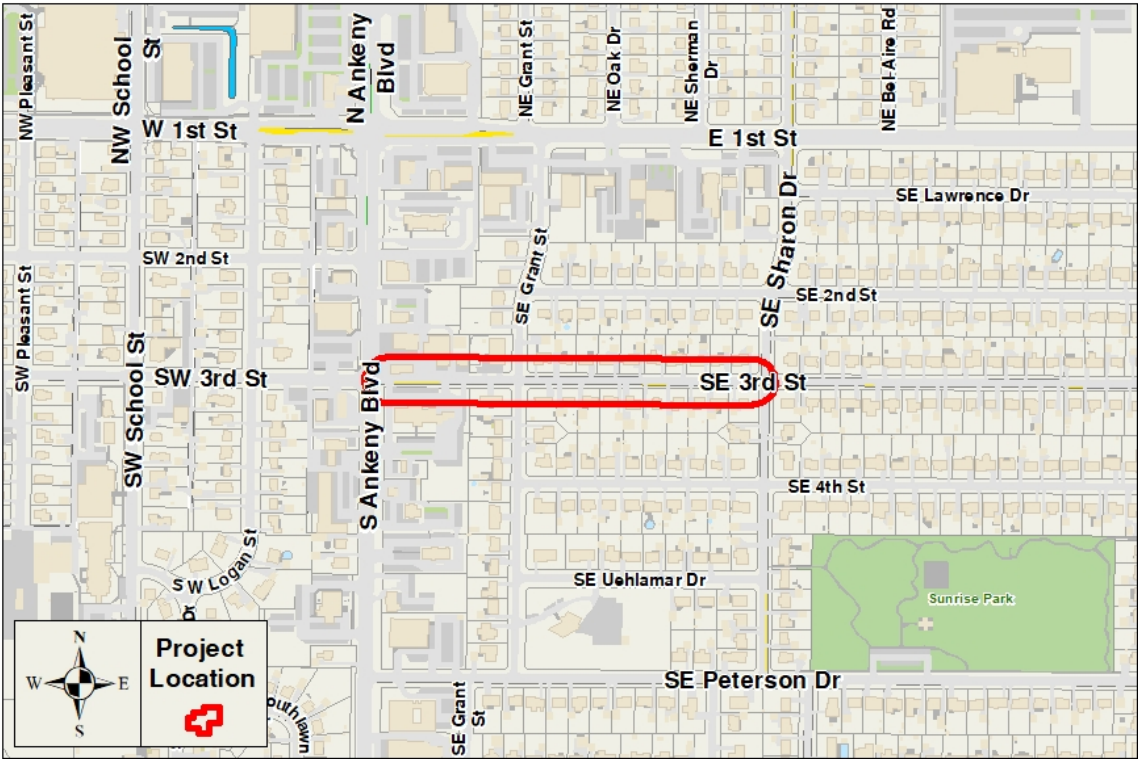
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-2,000	-2,000	-2,000	-6,000
Total			-2,000	-2,000	-2,000	-6,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-20-006
Project Name	SE 3rd Street Area Trunk Storm Sewer Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-21-001
Project Name	SE 3rd St Area Collection Storm Sewer Improvements

Description
Construction of storm sewer infrastructure improvements in underserved sections of the SE 3rd Street area, which is located south of E 1st Street, north of SE Peterson Drive, east of S Ankeny Boulevard, and west of SE Trilein Drive. The proposed storm sewer infrastructure improvements will include footing drain/sump collector lines, storm sewer pipe, and associated intakes, utility accesses, and related pavement removal and replacement necessary to install collection storm sewer in the area. The proposed improvements schedule will include constructing new storm sewer along SE 4th Street from SE Grant Street to SE Sharon Drive and along SE Lawrence Drive from SE Sharon Drive to SE Trilein Drive in 2026. New storm sewer along SE Uehlar Drive from SE Grant Street to SE Sharon Drive and along SE 2nd Street from SE Sharon Drive to SE Trilein Drive is being proposed for construction in 2027.

Justification
The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project’s proposed schedule includes survey and design work in 2025 through 2026 and construction of the projects in 2026 through 2027. The construction cost estimate for 2026 includes \$100,000 of water main replacement (upgrade existing 4-inch to new 8-inch) along SE 4th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		190,000	210,000			400,000
Construction Costs			1,210,000	1,330,000		2,540,000
Total		190,000	1,420,000	1,330,000		2,940,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated		190,000	1,020,000	930,000		2,140,000
Storm Water Fund			400,000	400,000		800,000
Total		190,000	1,420,000	1,330,000		2,940,000

Budget Impact/Other
In the long term, adding new storm sewer infrastructure to the City’s storm water management system will reduce annual maintenance costs for the Public Works and Municipal Utilities departments, and it should reduce the amount of Storm Water Division staff time needed to address drainage issues and concerns in this area of the City.

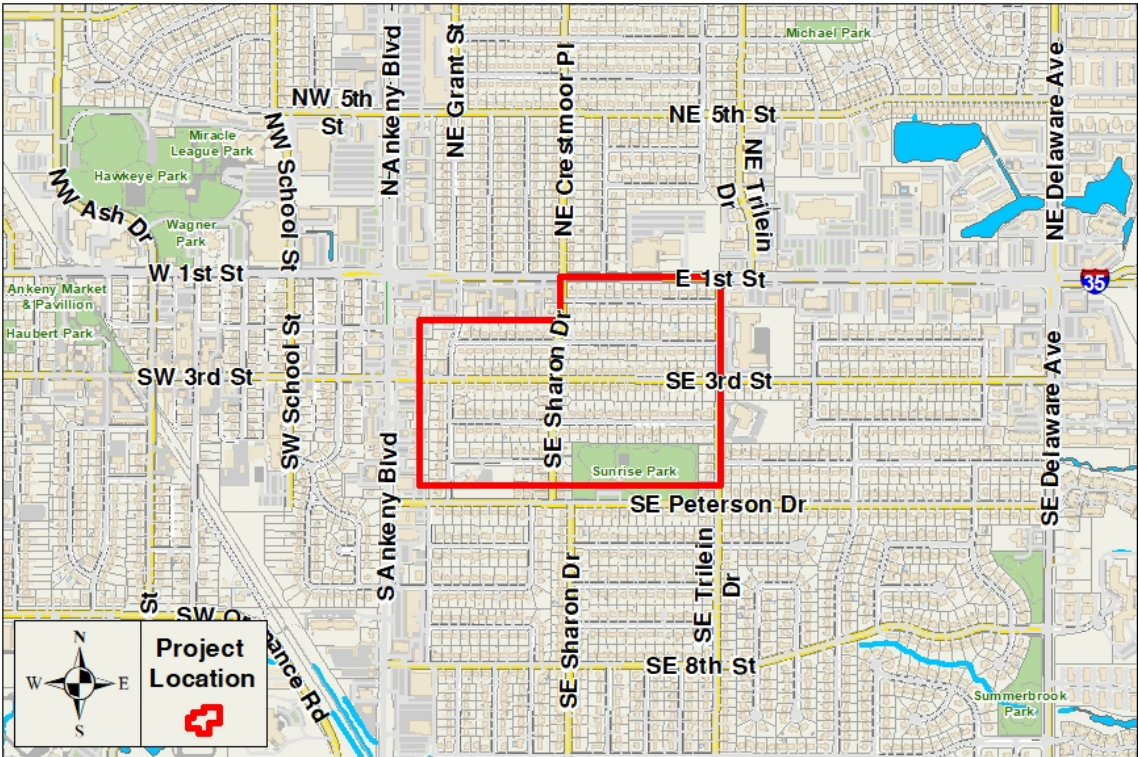
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-1,000	-2,000	-3,000
Total				-1,000	-2,000	-3,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-21-001
Project Name	SE 3rd St Area Collection Storm Sewer Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-002
Project Name	Diamond Hills Greenway Stream Stabilization

Description

Comprehensive improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within a tributary to Saylor Creek, between SW Applewood Street and Sawgrass Park. The improvements will include clearing and grubbing to remove flow impediments and provide access to culverts for maintenance; reshaping the channel to establish stable slopes; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; extending storm sewer; and where possible, establishing native/wetland plantings. Temporary easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the concept study, preliminary design, and survey in 2025, design in 2026, and construction in 2027.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		75,000	75,000			150,000
Engineering-Construction				80,000		80,000
Services						
Construction Costs				1,530,000		1,530,000
Total		75,000	75,000	1,610,000		1,760,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water		75,000	75,000	1,610,000		1,760,000
Abated						
Total		75,000	75,000	1,610,000		1,760,000

Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

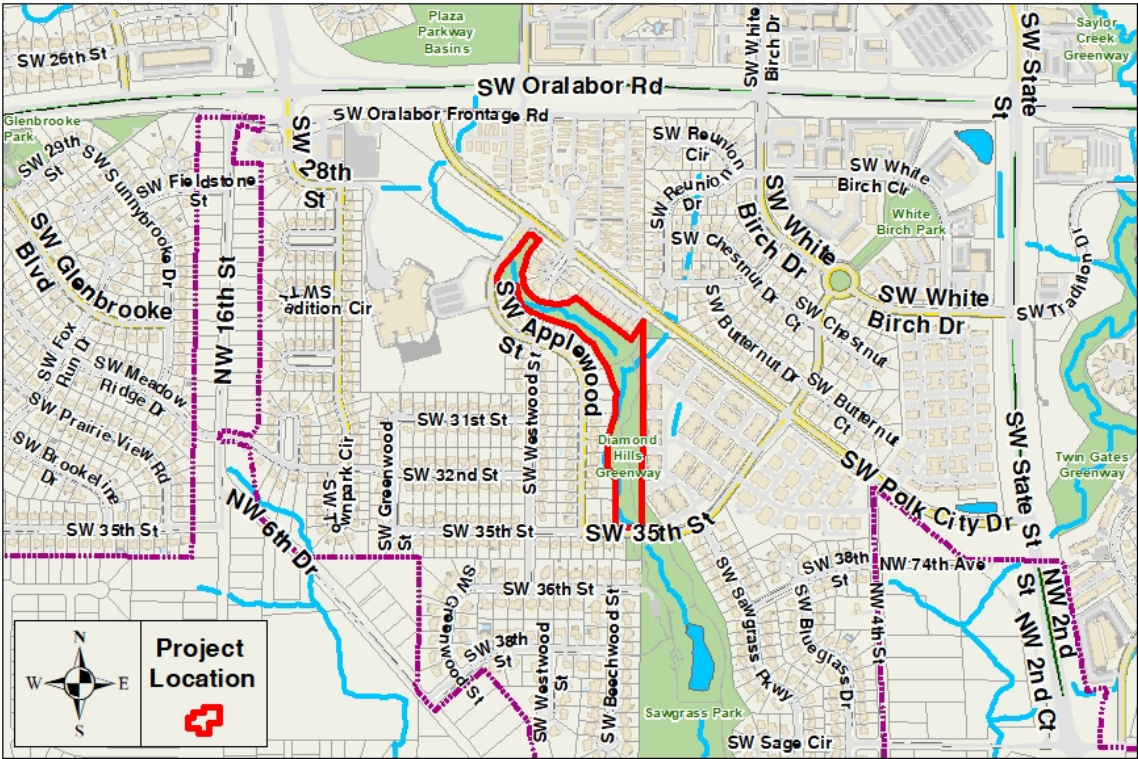
2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 thru 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-002
Project Name	Diamond Hills Greenway Stream Stabilization



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-003
Project Name	Four Mile Creek Channel Stabilization-East 1st St

Description

Improvements to address safety, functionality, sedimentation, erosion, and associated issues within Four Mile Creek, located downstream of E 1st Street for approximately one-quarter (¼) of a mile. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project. The construction cost estimate is \$1,320,000 for 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					150,000	150,000
Survey/Preliminary Analysis				160,000		160,000
Total				160,000	150,000	310,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				95,000	90,000	185,000
Abated						
Other Grants				65,000	60,000	125,000
Total				160,000	150,000	310,000

Budget Impact/Other

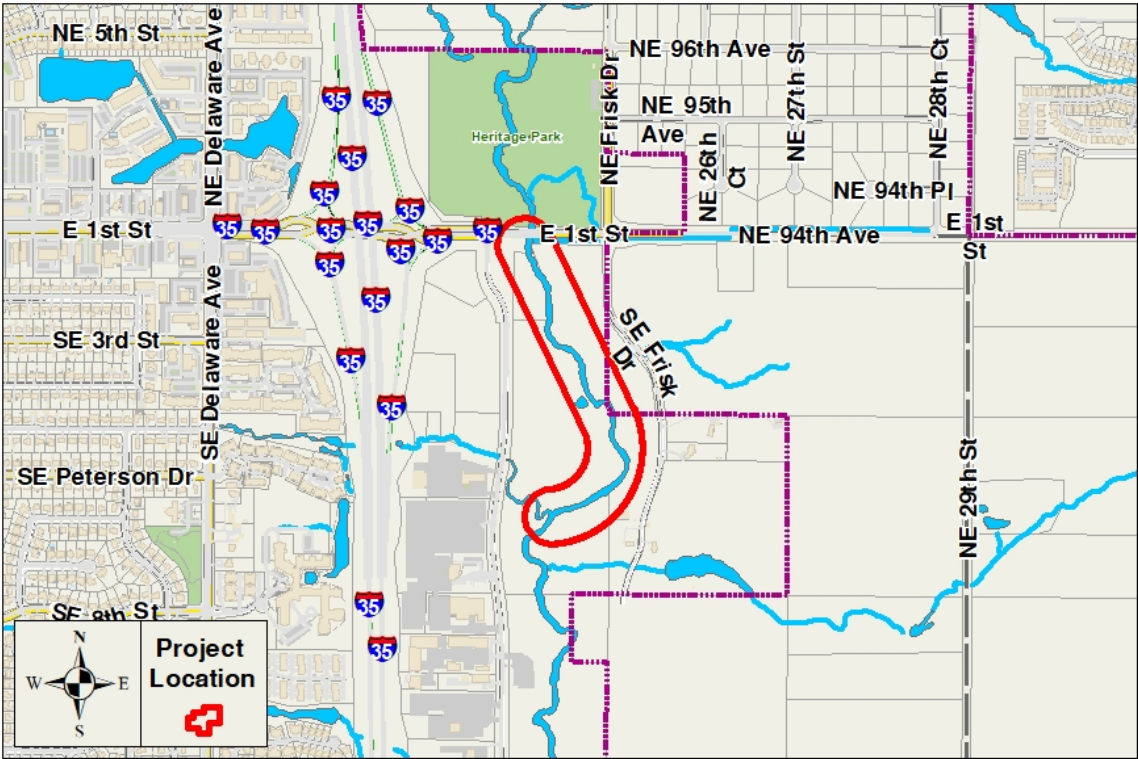
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-003
Project Name	Four Mile Creek Channel Stabilization-East 1st St



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-004
Project Name	Four Mile Creek Channel Stabilization-NE 36th St

Description

Improvements to address safety, functionality, sedimentation, erosion, and associated issues within Four Mile Creek, between NE 36th Street and NE 47th Street. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed early 2023, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation and 50% NRCS funding for construction of the project. The construction cost estimate is \$2,265,000 for 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					260,000	260,000
Survey/Preliminary Analysis				270,000		270,000
Total				270,000	260,000	530,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				165,000	155,000	320,000
Abated						
Other Grants				105,000	105,000	210,000
Total				270,000	260,000	530,000

Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

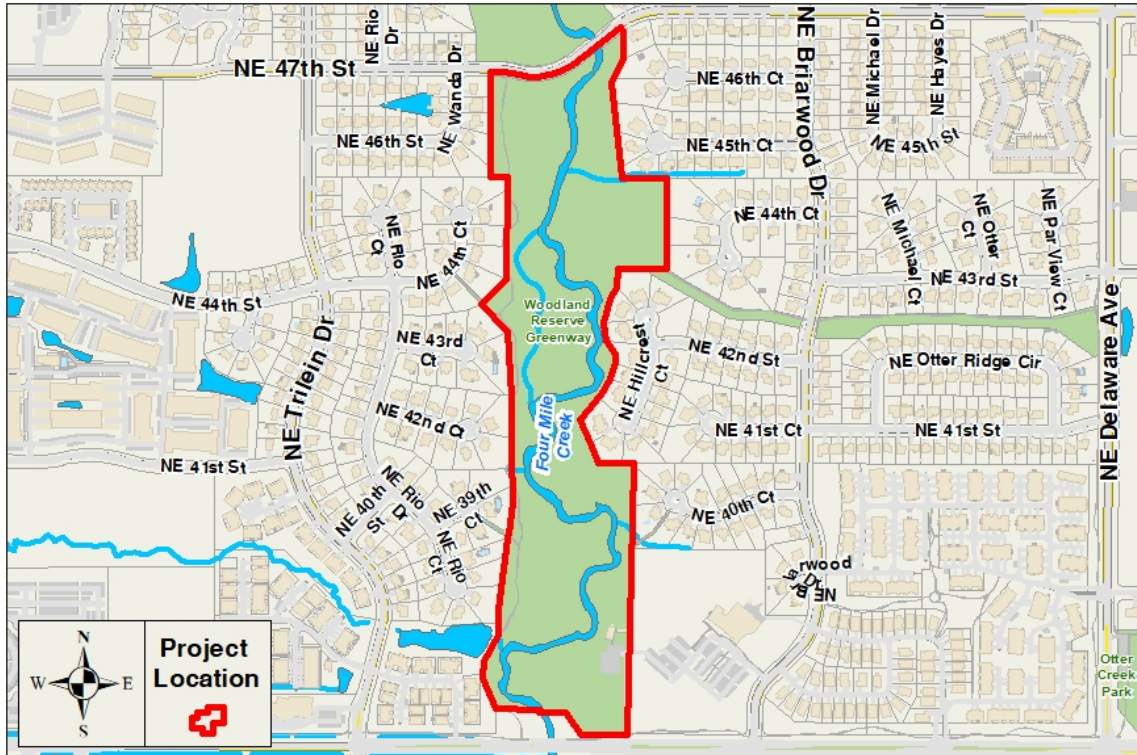
City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # STM-22-004

Project Name Four Mile Creek Channel Stabilization-NE 36th St



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-22-005
Project Name	Saylor Creek Tributary Channel Improvements

Description
Comprehensive improvements to address safety, capacity, functionality, sedimentation, erosion, and associated issues within a tributary to Saylor Creek, between SW State Street and SW Oralabor Road. The improvements may include clearing and grubbing to remove flow impediments; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification
The purpose of this project is to stabilize the channel, repair gully erosion, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the concept study, survey and preliminary design to be completed in 2026; and the final design and permitting in 2027. Construction (including construction engineering) is anticipated to occur in 2028, and the estimated construction cost is \$3,400,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				210,000		210,000
Engineering-Construction Services					400,000	400,000
Construction Costs					3,000,000	3,000,000
Survey/Preliminary Analysis			190,000			190,000
Total			190,000	210,000	3,400,000	3,800,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated			190,000	210,000	3,000,000	3,400,000
Storm Water Fund					400,000	400,000
Total			190,000	210,000	3,400,000	3,800,000

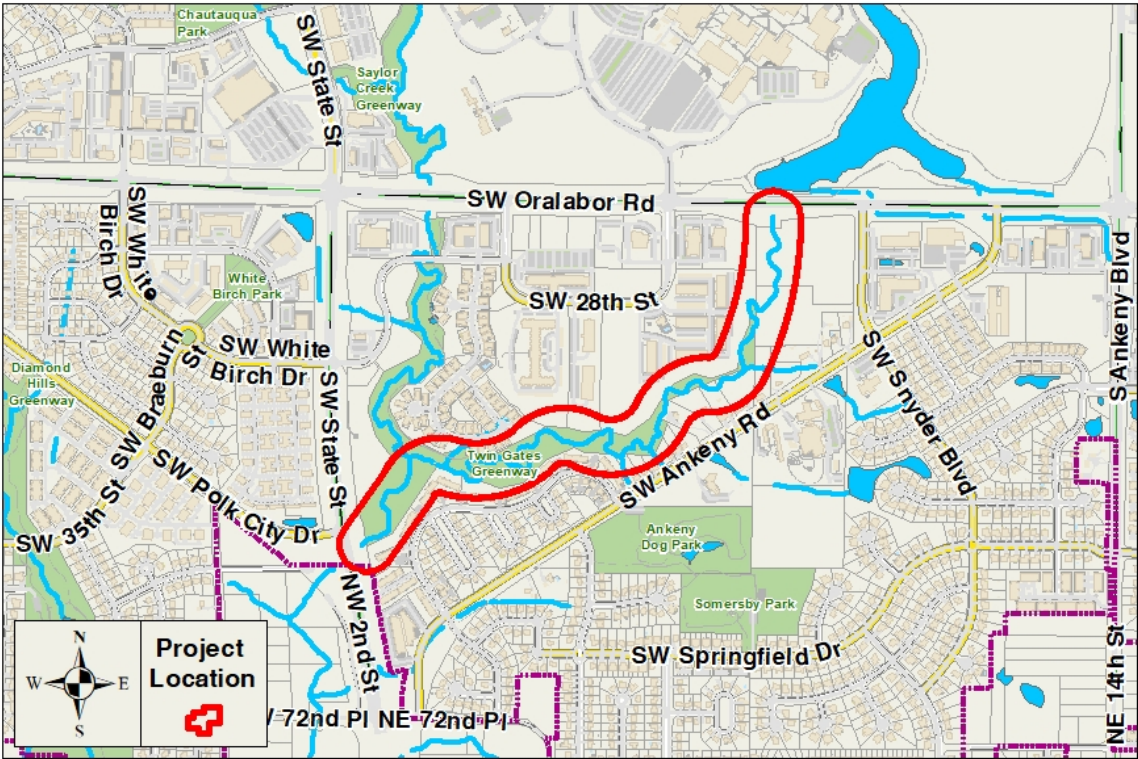
Budget Impact/Other
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-22-005
Project Name	Saylor Creek Tributary Channel Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Storm Water

Project #	STM-23-001
Project Name	Four Mile Channel Stabilization-Heritage Park

Description
Improvements to address safety, functionality, sedimentation, erosion and associated issues within Four Mile Creek, located through Heritage Park. The improvements may include clearing and grubbing; reshaping the channel to establish stable slopes; reconnection to the floodplain; re-establishing the channel bottom; providing toe protection; repairing gully erosion; repairing undermined outlet structures; and where possible, establishing native/wetland plantings. Permanent drainage easements may need to be acquired in conjunction with this project.

Justification
The purpose of this project is to stabilize the channel, repair gully erosion, extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029. This project is included in a Polk County led NRCS WFPO study to be completed in 2024, which is expected to result in 50% NRCS funding for design (not including permitting), 75% NRCS funding for construction observation, and 50% NRCS funding for construction of the project. The construction cost estimate is \$770,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					90,000	90,000
Survey/Preliminary Analysis				95,000		95,000
Total				95,000	90,000	185,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water				45,000	40,000	85,000
Abated						
Other Grants				50,000	50,000	100,000
Total				95,000	90,000	185,000

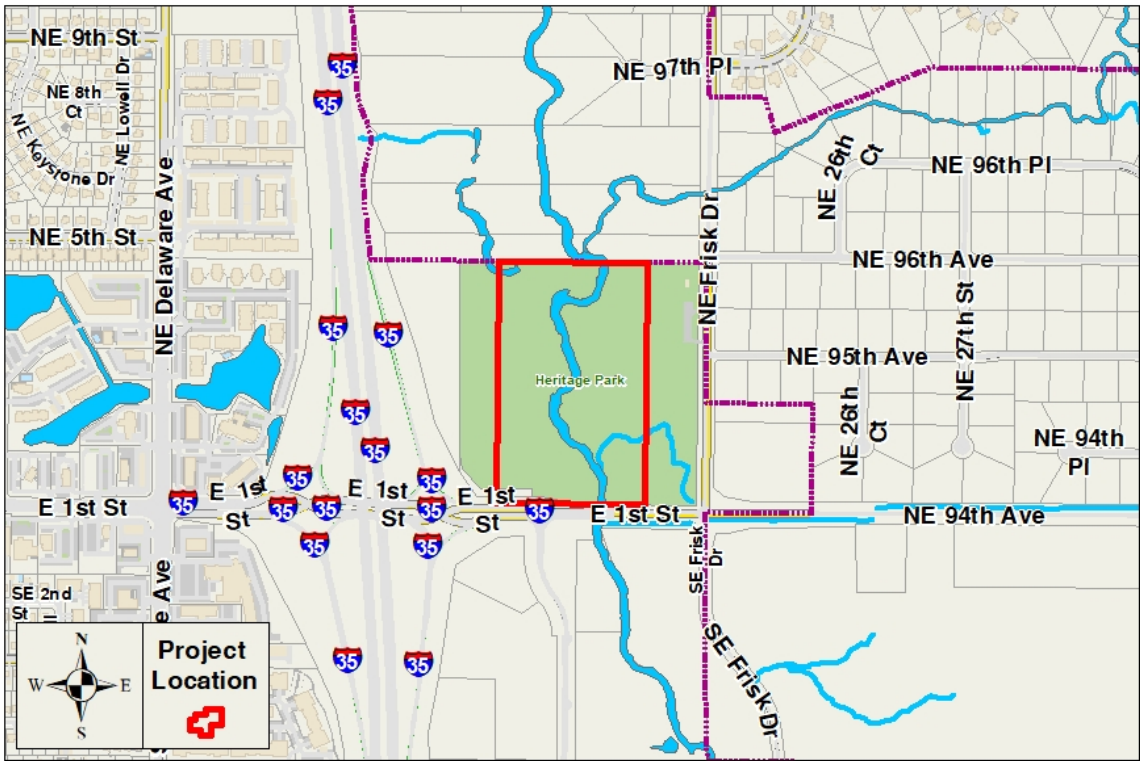
Budget Impact/Other
After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-23-001
Project Name	Four Mile Channel Stabilization-Heritage Park



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-24-001
Project Name	NW 17th St Storm Sewer and Pavement Improvements

Description
Replace deteriorated storm sewer intakes and storm sewer pipes on NW 17th Street between the 2400 block of NW 17th Street and the 1300 block of NW Linden Street. Pavement reconstruction with rock subbase and longitudinal subdrains will also be included within the limits of the storm sewer improvements.
The breakdown of the estimated project costs are as follows:
•\$390,000 (approximately 42%) of the total project cost is associated with the stormwater infrastructure improvements.
•\$530,000 (approximately 58%) of the total project cost is associated with the street pavement infrastructure improvements.

Justification
The storm sewer intake structures and storm sewer pipes within the project limits have been identified by City staff as needing to be replaced in the near term. Many of the structures have significant cracks, voids, and eroded bases. In addition, the pavement within the project limits was identified by the Iowa Pavement Management Program (IPMP) 2021 City PCI Ratings as being in “poor” condition. It is assumed the engineering design and construction inspection for the project will be primarily completed by Public Works Stormwater Division staff, with some work (such as construction surveying and staking) being completed by an engineering consultant.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs		890,000				890,000
Survey/Preliminary Analysis	20,000	10,000				30,000
Total	20,000	900,000				920,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	11,600	522,000				533,600
G.O. Bonds - Storm Water Abated	8,400	378,000				386,400
Total	20,000	900,000				920,000

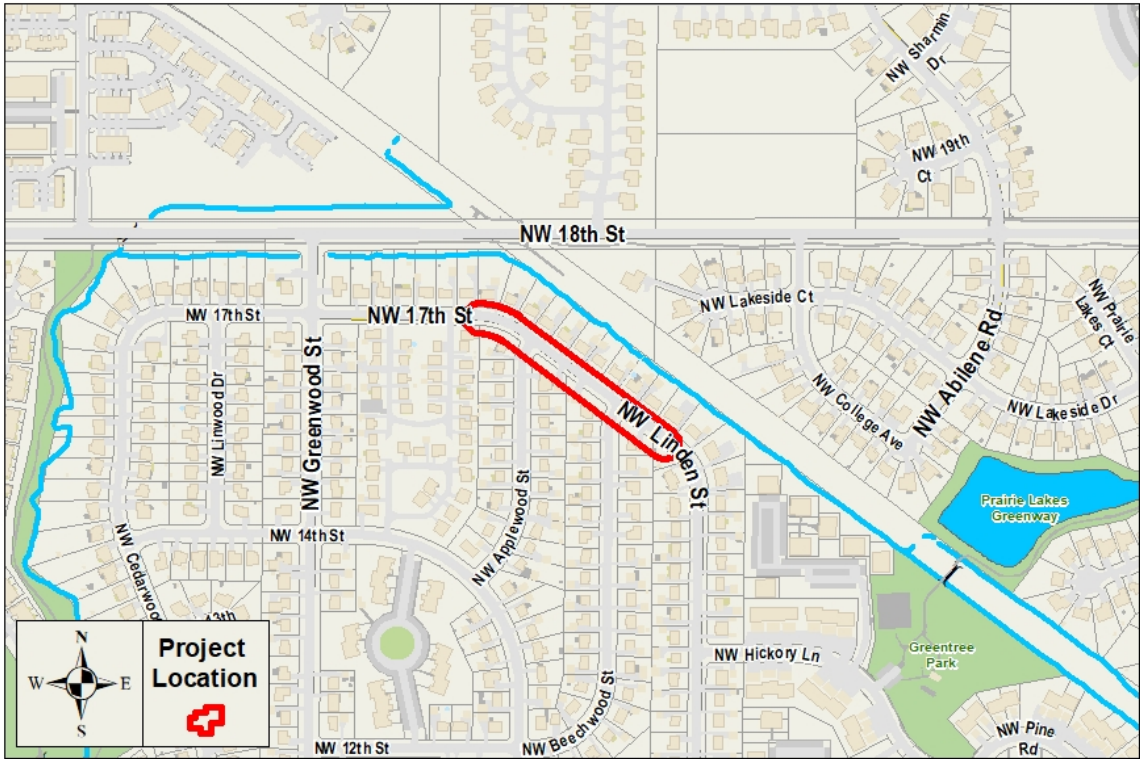
Budget Impact/Other						
The storm sewer replacement work will reduce the annual maintenance costs for the City because the Public Works Department will not have to repair existing storm sewer intakes and pipes. Also, the pavement replacement will reduce the annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavement.						
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			-6,000	-6,000	-6,000	-18,000
Total			-6,000	-6,000	-6,000	-18,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-24-001
Project Name	NW 17th St Storm Sewer and Pavement Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Storm Water Utility
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Storm Water

Project #	STM-24-002
Project Name	SW Des Moines Street Utility Improvements

Description

Construction of storm sewer infrastructure improvements along SW Des Moines Street between SW Kenworthy Drive and SW Ordinance Road. The project will include replacing the existing sanitary sewer and constructing a new sanitary sewer at a lower depth; replacing the existing 4" water main with 8" water main; constructing footing drain/sump pump collector lines; and replacing the existing 30' wide street with new 31' wide PCC pavement and associated driveway and sidewalk replacement. The proposed project will be coordinated with the Municipal Utilities Department.

Justification

The primary purpose of this project is to replace the existing storm sewer infrastructure that was constructed in the 1940's and 1950's and has significantly deteriorated. Adding sump pump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. Replacing the existing sanitary sewer at a lower depth will help reduce maintenance issues with the sanitary sewer. Replacing the existing water main with 8-inch PVC will provide adequate fire flows and help reduce maintenance issues. The existing right-of-way along the project corridor varies from 49 to 58 feet. Additional right-of-way would need to be acquired to have a uniform right-of-way width. The pavement within the project limits was identified by the Iowa Pavement Management Program (IPMP) 2021 City PCI Ratings as being in "poor" condition. The proposed project schedule includes design work in 2024, with construction in 2025 (assumed 75% of the overall) and 2026 (assumed 25% of the overall). The construction cost estimate includes approximately \$300,000 for storm sewer improvements, \$300,000 for sanitary sewer improvements, and \$300,000 for water main improvements. The estimated cost to replace the street, sidewalks, and driveways is approximately 35% of the total estimated construction cost. The funding breakdown proposed for this project is 33.33% stormwater, 33.34% sanitary sewer, and 33.33% water funds.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	190,000					190,000
Engineering-Construction Services		90,000	30,000			120,000
Construction Costs		1,425,000	475,000			1,900,000
Land/ROW Acquisition	45,000					45,000
Total	235,000	1,515,000	505,000			2,255,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - Storm Water Abated	78,333	505,000	168,333			751,666
Sewer Fund	78,334	505,000	168,334			751,668
Water Fund	78,333	505,000	168,333			751,666
Total	235,000	1,515,000	505,000			2,255,000

Budget Impact/Other

In the long term, replacing the deteriorated storm sewer infrastructure, the sanitary sewer, water main, and street pavement will reduce annual maintenance costs for the Public Works and Municipal Utilities Departments.

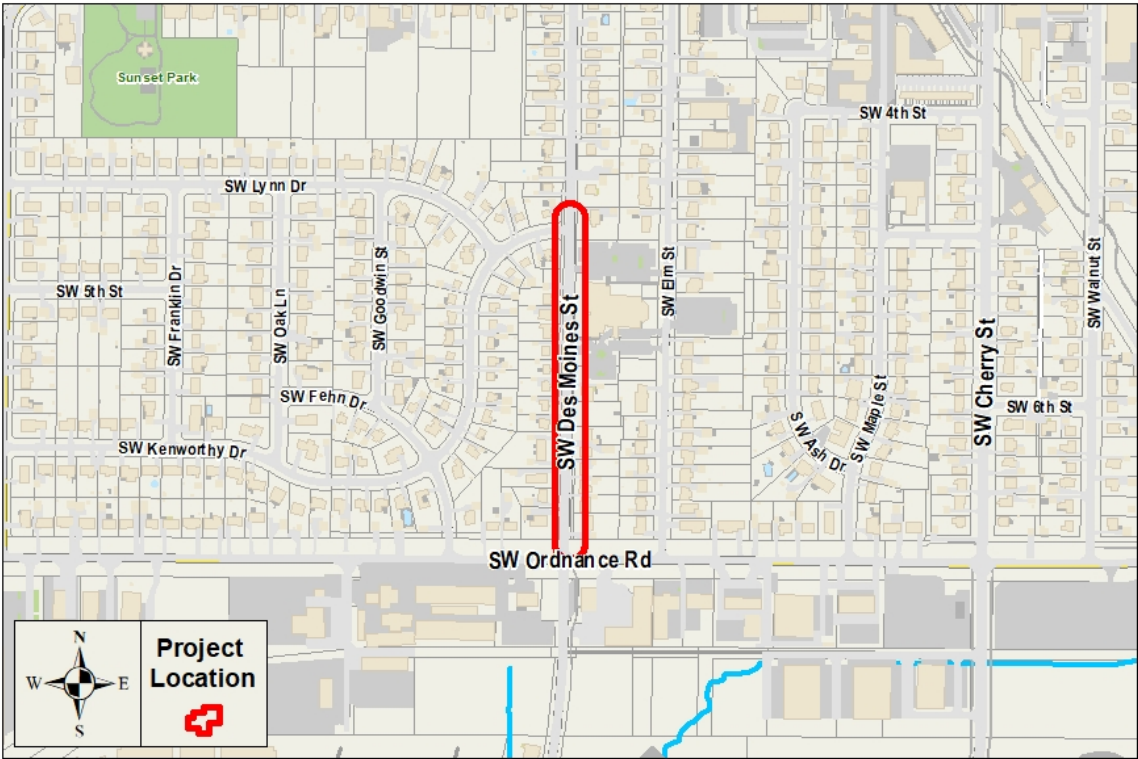
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-9,000	-9,000	-18,000
Total				-9,000	-9,000	-18,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Storm Water Utility
Contact City Engineer

Project #	STM-24-002
Project Name	SW Des Moines Street Utility Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Streets and Alleys

Project # STR-00-001

Project Name Annual PCC Street Patching Program

Description

This program includes both small-scale and large-scale PCC street patches on local, collector, and arterial streets along with manhole boxout repairs throughout the City. The Annual PCC Street Patching Program is designed and inspected in-house by Public Works Engineering Division staff. Patching locations are selected based on an annual field assessment of existing deteriorated street conditions.

The Annual PCC Street Patching Program, along with the Annual Sanitary Sewer Replacement Program and the Annual Water Main Replacement Program, also funds one-third of the annual neighborhood utility improvements projects. These include:

- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):
o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The Annual PCC Street Patching Program addresses the most critical street defects on the City's streets. Once the condition of the deteriorated streets is beyond being maintained by preventative measures such as joint preservation and partial depth repair, it becomes very important to maintain the older streets as they continue to deteriorate over time in order to delay cost-prohibitive full street reconstruction. The types of patching included with the annual patching project range from small-scale isolated patches (three panels or less) to large-scale truss screed patches (up to one city block in length). The funding allocated for the Annual PCC Street Patching Program included within the table below assumes a \$900,000 patching project in 2024 with incremental \$50,000 increases each year to \$1,100,000 in 2028.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	1,500,000	1,600,000	1,700,000	1,800,000	1,900,000	8,500,000
Survey/Preliminary Analysis	100,000					100,000
Total	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000
Total	1,650,000	1,675,000	1,750,000	1,850,000	1,950,000	8,875,000

Budget Impact/Other

The utility and pavement improvement projects will replace and upgrade existing sanitary sewer, water main, storm sewer, and pavement infrastructure which will reduce annual maintenance costs for the City's Public Works and Municipal Utilities Departments. The street patching will extend the service life of existing concrete streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective maintenance (e.g. asphalt cold patching) on the existing pavements.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-60,000	-72,000	-84,000	-96,000	-108,000	-420,000
Total	-60,000	-72,000	-84,000	-96,000	-108,000	-420,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-001

Project Name Annual PCC Street Patching Program



city of
Ankeny

bringing it all together

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Streets and Alleys

Project # STR-00-002

Project Name Annual Asphalt Street Resurfacing Program

Description

The Annual Asphalt Street Resurfacing Program historically focused on the HMA overlay of old Polk County rural roadways that were annexed within the City of Ankeny corporate limits. Recent projects have focused on overlaying existing asphalt streets within the interior of the City. These projects are typically designed and construction administered by Public Works Engineering Division staff. This program also funds cost-sharing of asphalt overlays with Polk County on roadways jointly administered by the County and the City. The 2023 Pavement Management Study and Master Plan will aid in determining future projects.

The specific projects for 2024 include:

- SW Ordinance Road from 500 feet east of SW Westview Drive to 100 feet west of SW Maple Street, HMA overlay (\$375,000 construction)
- NE Frisk Drive from East 1st Street to NE 18th Street, HMA overlay (\$100,000 cost share with Polk County)

Potential future projects:

- 2025: SW Ordinance Road from SW State Street to 500 feet east of SW Westview Drive, HMA overlay with miscellaneous PCC patching (\$300,000 construction)
- 2025: NW 54th Street from west corporate limits to U.S. Highway 69, HMA overlay (\$75,000 cost share with Polk County)
- SW Goodwin Street, HMA paving of existing granular street (\$150,000 construction)
- Public alleyways between SW Cherry Street and SW Walnut Street, from West 1st Street to SW 3rd Street, HMA overlay
- NW 5th Street from NW Weigel Drive to NW Irvinedale Drive – HMA overlay or slurry level
- NE Delaware Avenue from NE 36th Street to NE 54th Street – HMA overlay or slurry level
- SE Oralabor Road from 250 feet east of SE Four Mile Drive to bridge over Four Mile Creek – HMA overlay
- SW Polk City Drive from Oralabor Frontage Drive to SW State Street – HMA overlay

Justification

Significant progress has been made on overlaying existing asphalt rural roadways along the exterior of the City. Public Works staff has identified potential projects in the interior of the City that could benefit from the annual HMA program by overlaying existing asphalt streets.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	475,000	375,000	375,000	375,000	375,000	1,975,000
Total	475,000	375,000	375,000	375,000	375,000	1,975,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	100,000					100,000
G.O. Bonds	375,000	375,000	375,000	375,000	375,000	1,875,000
Total	475,000	375,000	375,000	375,000	375,000	1,975,000

Budget Impact/Other

This program will extend the service life of existing asphalt streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavements.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-12,000	-14,000	-16,000	-18,000	-20,000	-80,000
Total	-12,000	-14,000	-16,000	-18,000	-20,000	-80,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-002

Project Name Annual Asphalt Street Resurfacing Program



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2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Maintenance
Useful Life 20 years
Category Streets and Alleys

Project #	STR-00-003
Project Name	Annual Pavement Preservation Program

Description
The Annual Pavement Preservation Program addresses the need for routine, preventative maintenance of the existing concrete streets within Ankeny. The pavement preservation work consists of: •Pavement Crack and Joint Preservation project for sawing, cleaning, and refilling of existing cracks and joints: 2024 – \$325,000 (construction) with incremental \$25,000 increases to \$425,000 in 2028. •Partial Depth Repair (PDR) Patching project for approximately 12-inch wide concrete pavement (adjacent to and including joints) that has deteriorated beyond the point of less expensive joint repair: 2024 – \$375,000 (construction) with incremental \$25,000 increases to \$475,000 in 2028. Public Works Engineering Division staff completes the design and administers the construction for this program. Locations of the crack and joint refilling and also the partial depth repairs are determined by Engineering Division staff based on an annual field assessment of existing deteriorated street conditions throughout the City.

Justification
This program is very important in extending the useful life and improving the aesthetics of the City’s concrete streets. Public Works Engineering Division staff completes the design and administers the construction for this program. In 2024, the allocation will be used for joint and crack filling and/or partial depth repair to City streets (residential/collector/arterial) that are approximately 20 years old. These preventative maintenance measures are the primary and most economical means of extending the useful life of the City’s streets and maintaining the Pavement Condition Index (PCI), thereby reducing the need for more expensive pavement repair methods such as full depth patching and complete reconstruction. Industry standards published by the Concrete Pavement Technology Center (CP Tech Center) at Iowa State University recommend that pavement preservation be performed on existing streets every 8 to 10 years in order to extend their useful life.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	700,000	750,000	800,000	850,000	900,000	4,000,000
Total	700,000	750,000	800,000	850,000	900,000	4,000,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	700,000	750,000	800,000	850,000	900,000	4,000,000
Total	700,000	750,000	800,000	850,000	900,000	4,000,000

Budget Impact/Other
This program will extend the service life of existing concrete streets and reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. asphalt cold patching) on the existing pavements.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-11,000	-15,000	-19,000	-23,000	-27,000	-95,000
Total	-11,000	-15,000	-19,000	-23,000	-27,000	-95,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-003

Project Name Annual Pavement Preservation Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-00-004

Project Name Annual Street Replacement Program

Description

Full-depth pavement removal and replacement of concrete streets determined to be in poor to very poor condition as rated by the Pavement Condition Index (PCI). Older (1970's) streets were identified in the 2008 Pavement Management Study. However, several newer (1990's) streets have now also been identified by the updated 2023 Pavement Management Study and Master Plan. Projects include pavement reconstruction with C-SUD concrete mix, rock subbase, and longitudinal subdrain, along with spot location replacement of deteriorated storm or sanitary sewer and/or replacement of undersized water main.

Public Works Engineering Division staff coordinates with the Stormwater Division and the Municipal Utilities Department to determine whether existing public utilities within the street reconstruction corridor need any repair and/or replacement. The engineering design and construction inspection associated with this program is primarily completed by Engineering Division staff. Future projects that have been identified include:

•2024:

oNW Ash Drive - Prairie Ridge Sports Complex south access to NW 18th Street: \$950,000 (construct)

oNW Westwood Street - NW 5th Street to NW 9th Street: \$850,000 (construct)

oSW School Street and SW 16th Street and SW 18th Street Intersections: \$75,000 (cost-share)

•2025:

oSE 8th Street – SE Sharon Drive to SE Trilein Drive: \$1,100,000 (construct)

oNE Trilein Drive - East 1st Street to NE 3rd Street: \$575,000 (construct)

•2026-2028: TBD based on the Pavement Management Study and Public Works field evaluations.

Justification

The older (1970's) sections of Ankeny have streets that are deteriorating due to their advanced age. Many of these older streets have significant cracks, spalls, poor subgrade, etc. The newer (1990's) sections of Ankeny have streets that are deteriorating at an accelerated rate due to the concrete mixes utilized during that time that perform poorly when subjected to salt and brine during the winter. Many of these newer streets have significant joint failures, asphalt cold patching, lack of rock subbase and longitudinal subdrain, etc. The Public Works Engineering Division has the above locations and additional streets identified for replacement.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000
Total	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	875,000	1,675,000	1,800,000	1,900,000	2,000,000	8,250,000
Road Use Tax Fund	1,000,000					1,000,000
Total	1,875,000	1,675,000	1,800,000	1,900,000	2,000,000	9,250,000

Budget Impact/Other

This program will reduce the annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavements. Projects with proposed utility repair and/or replacement will reduce annual maintenance costs for the City because the Public Works and Municipal Utilities Departments will not have to repair existing deteriorated structures and/or pipes.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	-25,000	-30,000	-35,000	-40,000	-45,000	-175,000
Total	-25,000	-30,000	-35,000	-40,000	-45,000	-175,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-00-004

Project Name Annual Street Replacement Program



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-14-006
Project Name	NE Delaware Avenue Reconstruction-5th to 18th

Description

Reconstruction of NE Delaware Avenue from a two-lane rural roadway to a four-lane divided urban street with left turn lanes at the intersections from just north of NE 5th Street to 700 feet north of NE 18th Street. The project also includes new permanent traffic signals at the NE Delaware Avenue and NE 5th Street and NE 18th Street intersections, fiber optic interconnect from East 1st Street to NE 18th Street, and removal of the existing reinforced concrete box (RCB) culvert and replacement with a triple 12 feet x 8 feet RCB culvert for Tributary A to Four Mile Creek.

Justification

Widening and reconstructing the roadway will allow for improved traffic mobility and safety in the NE Delaware Avenue corridor, as the City continues to grow. The first year of construction occurred in 2023 and the second year of construction is scheduled for 2024; landscaping improvements are anticipated to occur in 2025. Federal STBG-Swap funding in the amount of \$3,000,000 has been obtained through the Des Moines Area MPO. Traffic Safety Improvement Program (TSIP) funding in the amount of \$500,000 has been obtained through the Iowa DOT.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	375,000	25,000				400,000
Construction Costs	5,250,000	125,000				5,375,000
Street Lighting	225,000					225,000
Total	5,850,000	150,000				6,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	250,000					250,000
G.O. Bonds	4,100,000	150,000				4,250,000
MPO/STBG Grants	1,500,000					1,500,000
Total	5,850,000	150,000				6,000,000

Budget Impact/Other

The additional public street pavement and 8-ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing street will reduce annual maintenance costs for the City because the Public Works Department will not have to do patching and crack and joint sealing on the existing pavement. The traffic signal, fiber optic interconnect, and public utility infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments. The new traffic signal and streetlights will result in additional electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	2,000	4,000	4,000	4,000	4,000	18,000
Utilities	3,500	6,000	6,000	6,000	6,000	27,500
Total	5,500	10,000	10,000	10,000	10,000	45,500

2024 - 2028 Capital Improvement Program

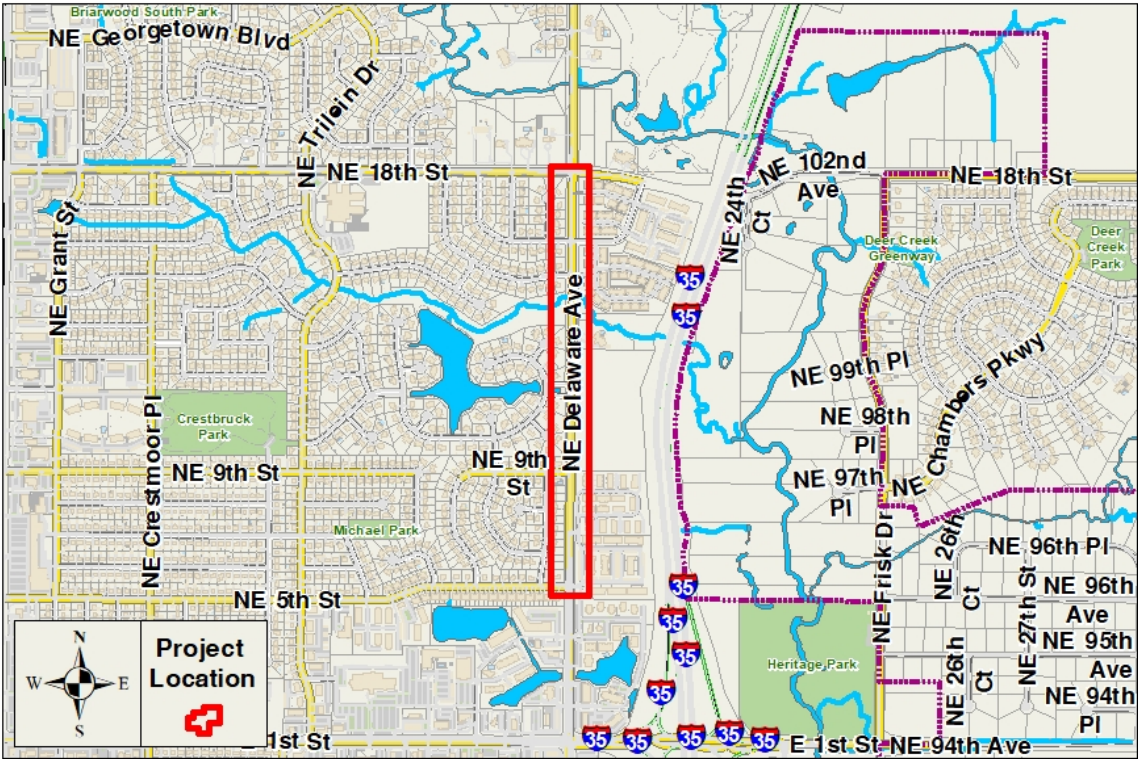
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # STR-14-006
Project Name NE Delaware Avenue Reconstruction-5th to 18th



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-16-003
Project Name	SW Oralabor Rd and SW Irvinedale Dr Intersection

Description
Reconstruction of the SW Oralabor Road (Iowa Highway 415) and SW Irvinedale Drive intersection. The project includes a traffic study, conceptual design, and surveying in 2025; design engineering services, right-of-way acquisition, and utility relocations in 2026; and construction engineering services and project construction in 2027. Due to SW Oralabor Road (Iowa Highway 415) being a joint jurisdictional roadway, the proposed improvements would need to be coordinated with the Iowa DOT. The SW Oralabor Frontage Road and SW 28th Street intersection located directly south of the main intersection would also be included as a part of the traffic study, and may be improved with the project.

Justification
The purpose of this project is to improve traffic safety and mobility at the SW Oralabor Road and SW Irvinedale Drive intersection. This project will modify the configuration of the traffic lanes to achieve better traffic operations and mobility and improve safety at the intersection. From 2017-2021, there were more than 50 crashes at this intersection. It is anticipated that the City would apply for Traffic Safety Improvement Program (TSIP), Urban-State Traffic Engineering Program (U-STEP), and Iowa Clean Air Attainment Program (ICAAP) funding through the Iowa DOT. In addition, it is anticipated that the Iowa DOT would contribute Resurfacing, Restoration, or Rehabilitation (3R) funds to this project due to SW Oralabor Road being a State highway.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		200,000	450,000			650,000
Engineering-Construction Services				425,000		425,000
Construction Costs				4,225,000		4,225,000
Street Lighting				50,000		50,000
Land/ROW Acquisition			50,000			50,000
Total		200,000	500,000	4,700,000		5,400,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund		200,000	500,000	1,519,000		2,219,000
FHWA/IDOT Grants				1,250,000		1,250,000
G.O. Bonds - TIF Abated				1,931,000		1,931,000
Total		200,000	500,000	4,700,000		5,400,000

Budget Impact/Other
In the long-term, the City’s maintenance costs should not increase because no additional traffic lanes on SW Irvinedale Drive are anticipated at the intersection, and the pavement and traffic signal infrastructure will be improved. The Iowa DOT maintains SW Oralabor Road (Iowa Highway 415).

2024 - 2028 Capital Improvement Program

2024 *thru* 2028

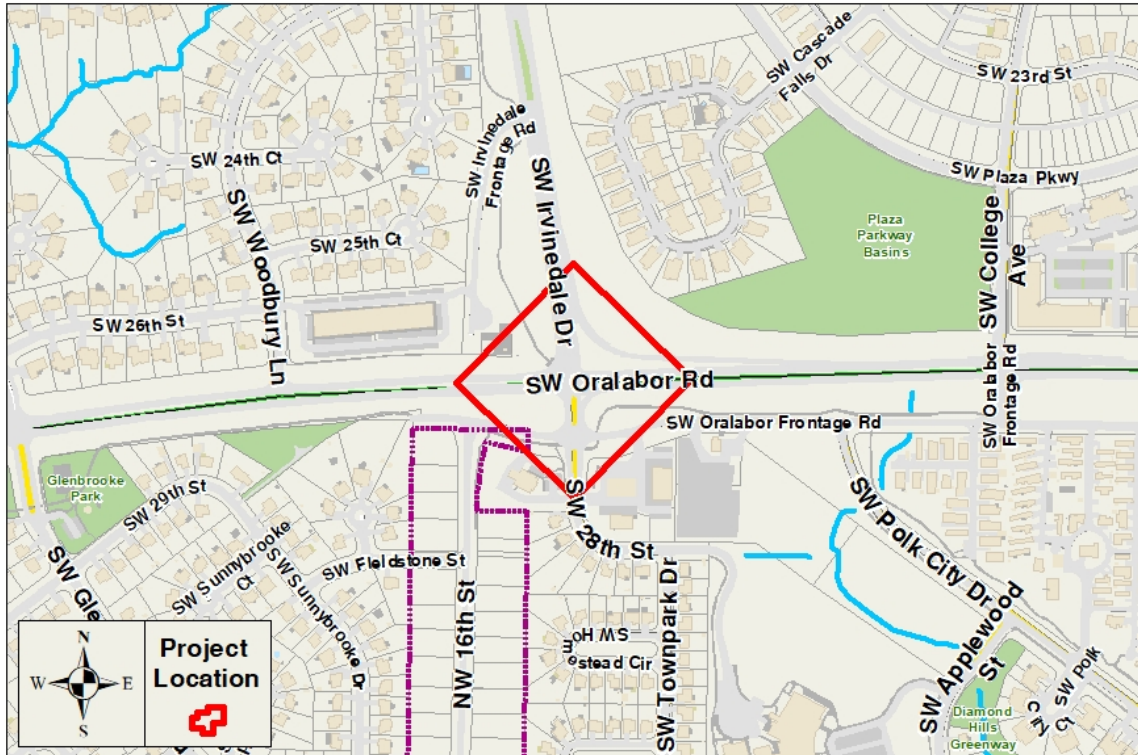
City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # STR-16-003

Project Name SW Oralabor Rd and SW Irvinedale Dr Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-18-003

Project Name NW 36th St Reconstruction-Irvinedale to Abilene

Description

Reconstruction of NW 36th Street from NW Irvinedale Drive to NW Abilene Road. The project includes construction of a new two-lane concrete urban street that will serve as the eastbound lanes when the four-lane divided street is constructed in the future. Storm sewer improvements to accommodate the future four-lane divided street are also included. Sanitary sewer and water main are assumed to be constructed with development along the corridor in advance of the roadway reconstruction. This project includes the reconstruction at the NW 36th Street and NW Irvinedale Drive intersection, along with adding a traffic signal and left and right turn lanes at all four legs of the intersection. The project also includes adding a traffic signal, left turn lanes, and a westbound right turn lane at the NW 36th Street and NW Abilene Road intersection. The existing 5-ft. wide sidewalk along the majority of the south side of NW 36th Street from NW Irvinedale Drive to NW Abilene Road will be replaced with an 8-ft. wide sidewalk..

Justification

It is anticipated that traffic volumes will necessitate reconstructing NW 36th Street from NW Irvinedale Drive to NW Abilene Road within the next five years. This segment of NW 36th Street received an asphalt overlay in 2015; however, traffic is expected to continue increasing due to the adjacent development to the west and east of NW Irvinedale Drive. Survey and preliminary design are planned for 2026; final design, right-of-way acquisition, and utility relocations are planned for 2027; construction and consultant inspection are planned for 2028; and landscaping improvements are planned for 2029. It is estimated that approximately \$1,500,000 of the \$7,325,000 construction cost estimate will be financed by special assessments to the adjacent property owners, similar to previous projects along NW 36th Street.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			200,000	600,000		800,000
Engineering-Construction Services					525,000	525,000
Construction Costs					6,650,000	6,650,000
Street Lighting					150,000	150,000
Land/ROW Acquisition				100,000		100,000
Total			200,000	700,000	7,325,000	8,225,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				410,000	7,325,000	7,735,000
Special Assessments			200,000	290,000		490,000
Total			200,000	700,000	7,325,000	8,225,000

Budget Impact/Other

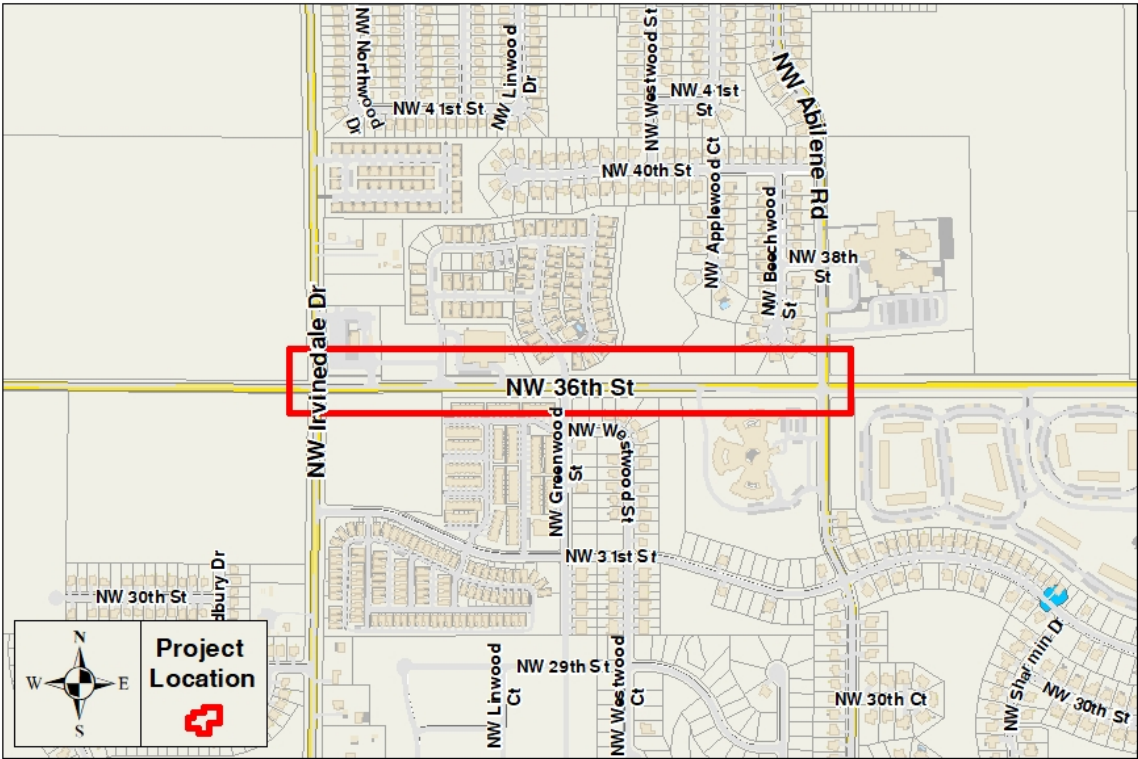
The additional public street pavement and 8 ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing asphalt roadway with a concrete street will reduce annual maintenance costs for the City because the Public Works Department will not have to do pavement preservation on the existing asphalt. The additional storm sewer infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments, and the new traffic signals and streetlights will result in additional electric power costs to the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-18-003
Project Name	NW 36th St Reconstruction-Irvinedale to Abilene



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys

Project #	STR-18-004
Project Name	NW 18th Street Extension-Spruce to Highway 415

Description
Extension of NW 18th Street from NW Spruce Drive west approximately 2,700 feet to Iowa Highway 415. It is proposed to be a 41-ft. wide concrete street with a two-way left turn lane and curb and gutter. The project will also include 8-ft. wide sidewalk on the south side, sanitary sewer, storm sewer, water main, street lighting, fiber optic and conduit, signing, and street trees. In addition, the proposed project includes traffic signals at the intersection of NW 18th Street and Iowa Highway 415, and northbound and southbound turn lanes from Iowa Highway 415 onto NW 18th Street. Approximately \$2,100,000 of the estimated \$7,950,000 total construction cost is associated with the construction work on Iowa Highway 415. It is anticipated that the engineering and construction work on Iowa Highway 415 would be cost-shared with Polk County and the Iowa DOT. The proposed project schedule assumes consultant survey and preliminary design in 2027; right-of-way acquisition and final design in 2028; construction, consultant inspection, and street lighting in 2029 and 2030; and street trees in 2031.

Justification
This street extension will improve traffic mobility and support the current and anticipated future development in the northwest quadrant of Ankeny. The west portion of this project, where it ties into Iowa Highway 415, is currently outside the existing City limits.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				250,000	700,000	950,000
Land/ROW Acquisition					100,000	100,000
Total				250,000	800,000	1,050,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds				250,000	800,000	1,050,000
Total				250,000	800,000	1,050,000

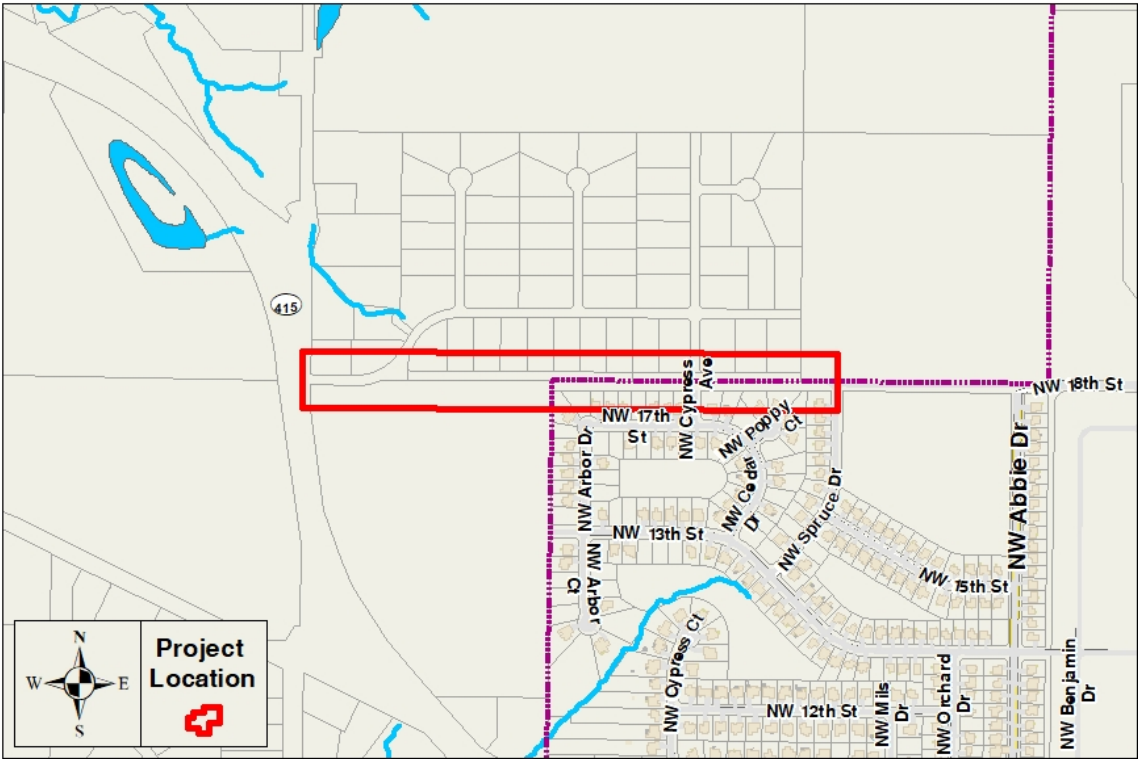
Budget Impact/Other
The added public street pavement and 8-ft. sidewalk will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional sanitary sewer, storm sewer and water main infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments. The new street lights will result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-18-004
Project Name	NW 18th Street Extension-Spruce to Highway 415



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Streets and Alleys

Project #	STR-19-004
Project Name	NW 36th St and NW Weigel Dr Asphalt Overlay

Description

This project involves Hot Mix Asphalt (HMA) resurfacing on NW 36th Street from NW Weigel Drive to NW Irvinedale Drive and on NW Weigel Drive from just north of NW 18th Street to NW 36th Street. Both of these streets are existing gravel roadways. The proposed surface for NW 36th Street is 24-ft. wide and 8-inch thick HMA with 1.5-ft. wide HMA shoulders. The proposed surface for NW Weigel Drive is 24-ft. wide and 7-inch thick HMA with 1.5-ft. wide HMA shoulders. This project also includes construction engineering services and construction.

Justification

This project will improve the driving surface of the existing gravel roadway, reduce the amount of dust coming from the roadway, reduce the maintenance associated with gravel roads, and help support the existing and future development occurring in this area. Approximately 1,300 feet of NW 36th Street from NW Weigel Drive to the east is joint-jurisdictional with Polk County (the north side of the roadway is currently outside Ankeny’s corporate limits). Cost-sharing for this section of the project was discussed with Polk County in September 2023, and the estimated cost-share amount is \$150,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	175,000					175,000
Construction Costs	2,275,000					2,275,000
Total	2,450,000					2,450,000

Funding Sources	2024	2025	2026	2027	2028	Total
County Contributions	150,000					150,000
G.O. Bonds	2,300,000					2,300,000
Total	2,450,000					2,450,000

Budget Impact/Other

This project will reduce annual maintenance costs for the City because the Public Works Department will not have to regularly maintain the existing gravel roadway.

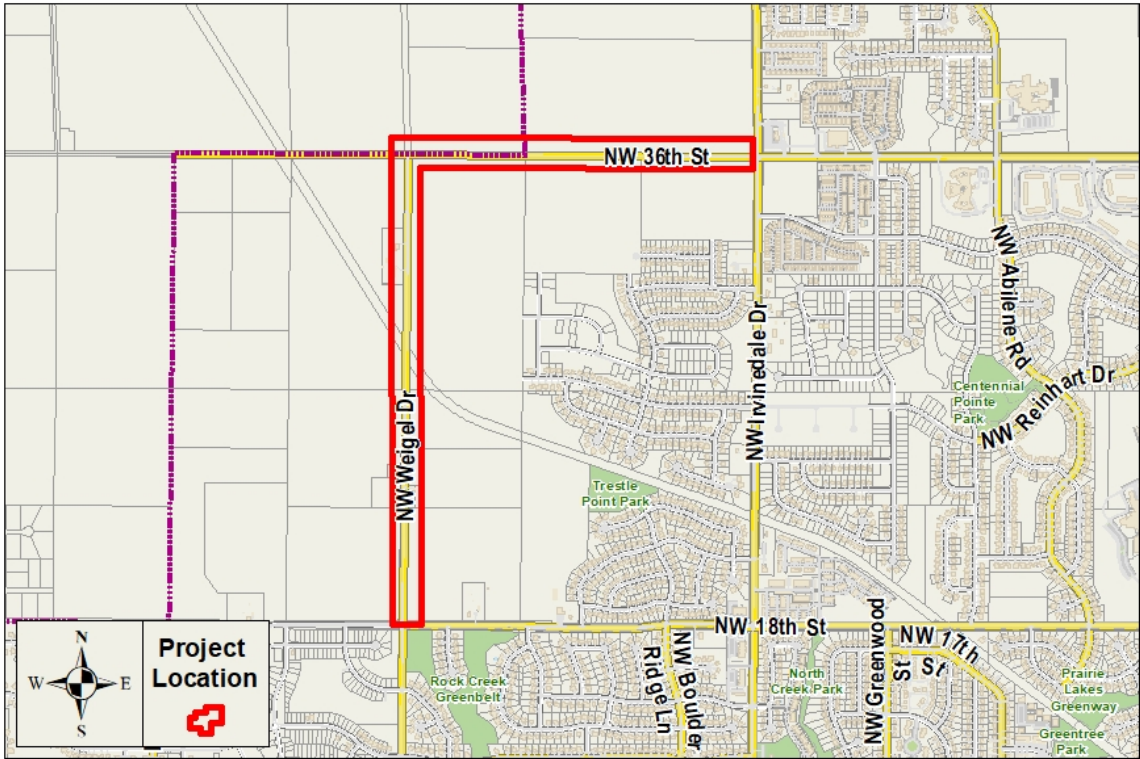
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		-30,000	-30,000	-30,000	-30,000	-120,000
Total		-30,000	-30,000	-30,000	-30,000	-120,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-19-004
Project Name	NW 36th St and NW Weigel Dr Asphalt Overlay



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

DepartmentPublic Works

ContactCity Engineer

TypeImprovement

Useful Life40 years

CategoryStreets and Alleys

Project #	STR-19-006
Project Name	SW Oralabor Rd and SW Edgewood Ln Intersection

Description

Add eastbound and westbound left turn lanes on SW Oralabor Road at the SW Edgewood Lane/SW Stonehaven Lane intersection. Since SW Oralabor Road is also Iowa Highway 415, the project is being coordinated with the Iowa DOT. Public Works Engineering Division staff surveyed and designed the project in 2023, and anticipate inspecting this project in-house in 2024

Justification

The SW Oralabor Road (Iowa Highway 415) and SW Edgewood Lane/SW Stonehaven Lane intersection is the only intersection along SW Oralabor Road that does not have dedicated left turn lanes for westbound and eastbound traffic. Traffic volumes will likely continue to increase on SW Oralabor Road, and the speed limit in this section is 50 MPH. Therefore, adding left turn lanes at this intersection should improve traffic safety and mobility. The Iowa DOT supports the proposed project and has approved U-STEP funding for the project.

Expenditures	2024	2025	2026	2027	2028	Total
Construction Costs	250,000					250,000
Total	250,000					250,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	50,000					50,000
FHWA/IDOT Grants	150,000					150,000
G.O. Bonds	50,000					50,000
Total	250,000					250,000

Budget Impact/Other

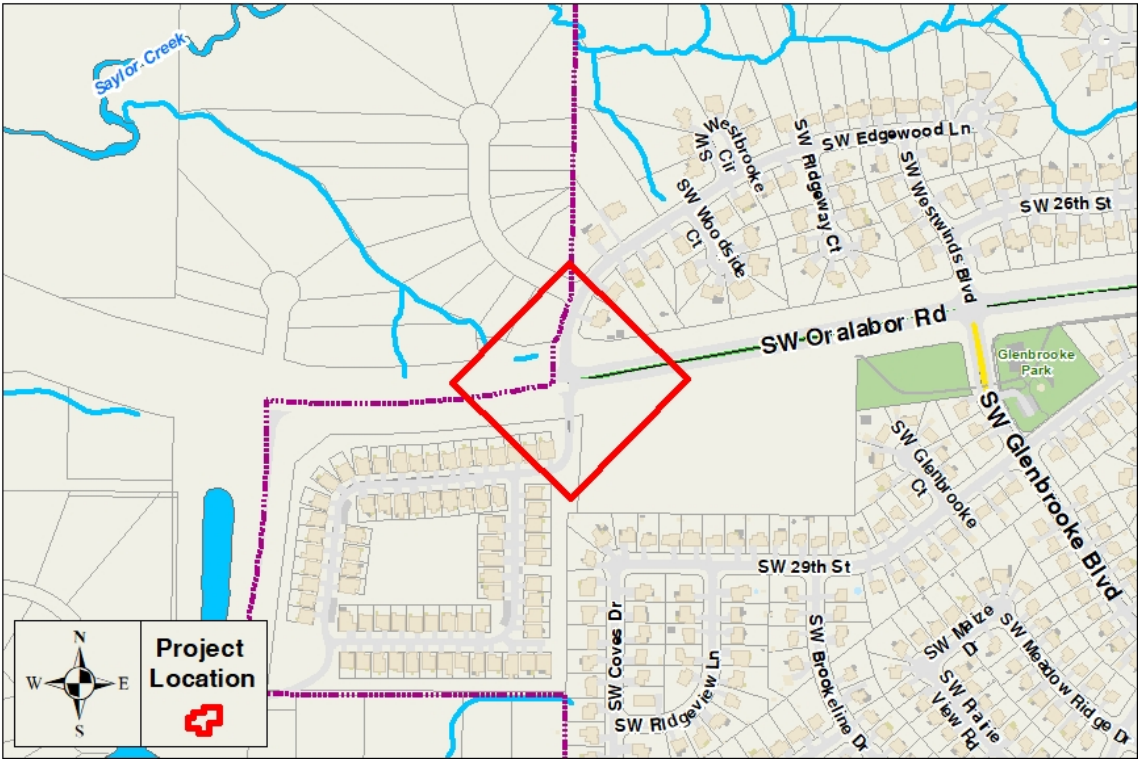
The Iowa DOT maintains SW Oralabor Road (Iowa Highway 415), so this project would not have an operating impact on the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-19-006
Project Name	SW Oralabor Rd and SW Edgewood Ln Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Streets and Alleys

Project #	STR-20-008
Project Name	SW Oralabor Rd and SW State St Intersection

Description

The proposed project will widen all legs of the intersection to provide right-turn lanes and dual left-turn lanes on all approaches. The project also includes traffic signal and pedestrian ramp upgrades.

Justification

The SW Oralabor Road and SW State Street intersection was listed in the 2019 Iowa Department of Transportation’s (DOT) Top 20 Safety Improvement Location Candidates at #6. The City’s safety study found that traffic demand on the intersection exceeds its capacity during peak periods and identified a pattern of correctable congestion-related crashes. The project will address the safety issues by providing additional capacity. The Oralabor Gateway Trail is a regional trail connection between the Neal Smith Trail system (to the west) and the Gay Lea Wilson Trail and High Trestle Trail systems (to the east) that runs along the south side of SW/SE Oralabor Road. The current at-grade crossing at SW State Street is very wide due to the rural roadway and granular shoulders on SW State Street. The street approach and the intersection as a whole carries an extremely large traffic volume. This includes a high number of right-turning vehicles and results in an at-grade trail crossing that is difficult to maneuver and has a higher probability of accidents between vehicles and pedestrians. A grade-separated crossing at this location would eliminate this situation. SW State Street and SW Oralabor Road (Iowa Highways 415 and 160) are joint jurisdictional streets with the Iowa DOT, so the project involved an Iowa DOT bid letting and continued coordination during the construction phase. The first year of construction occurred in 2023 and the second year of construction is scheduled for 2024. Federal STBG-TAP funding in the amount of \$1,050,000 and ICAAP funding in the amount of \$529,161 was obtained from the Des Moines Area MPO. U-STEP funding in the amount of \$400,000 and 3R funding in the amount of \$775,000 was obtained from the Iowa DOT. Approximately \$425,000 of the construction cost is associated with water main relocations.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	175,000					175,000
Construction Costs	3,250,000					3,250,000
Total	3,425,000					3,425,000
Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	2,598,752					2,598,752
FHWA/IDOT Grants	352,500					352,500
MPO/STBG Grants	473,748					473,748
Total	3,425,000					3,425,000

Budget Impact/Other

The additional public street pavement on SW State Street, at the intersection’s north approach, will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. The Iowa DOT maintains Iowa Highways 415 and 160, so they would be responsible for maintaining the additional public street pavement at the intersection’s south, west and east approaches. The traffic signal improvements will replace existing City-owned infrastructure, so impacts to utility and maintenance costs will be negligible, or may be reduced with use of low-voltage equipment. After completion, the new grade-separated structure should require only a minor amount of maintenance each year. The Parks & Recreation Department would be required to maintain the tunnel during the winter months when plowing snow for the Oralabor Gateway Trail.

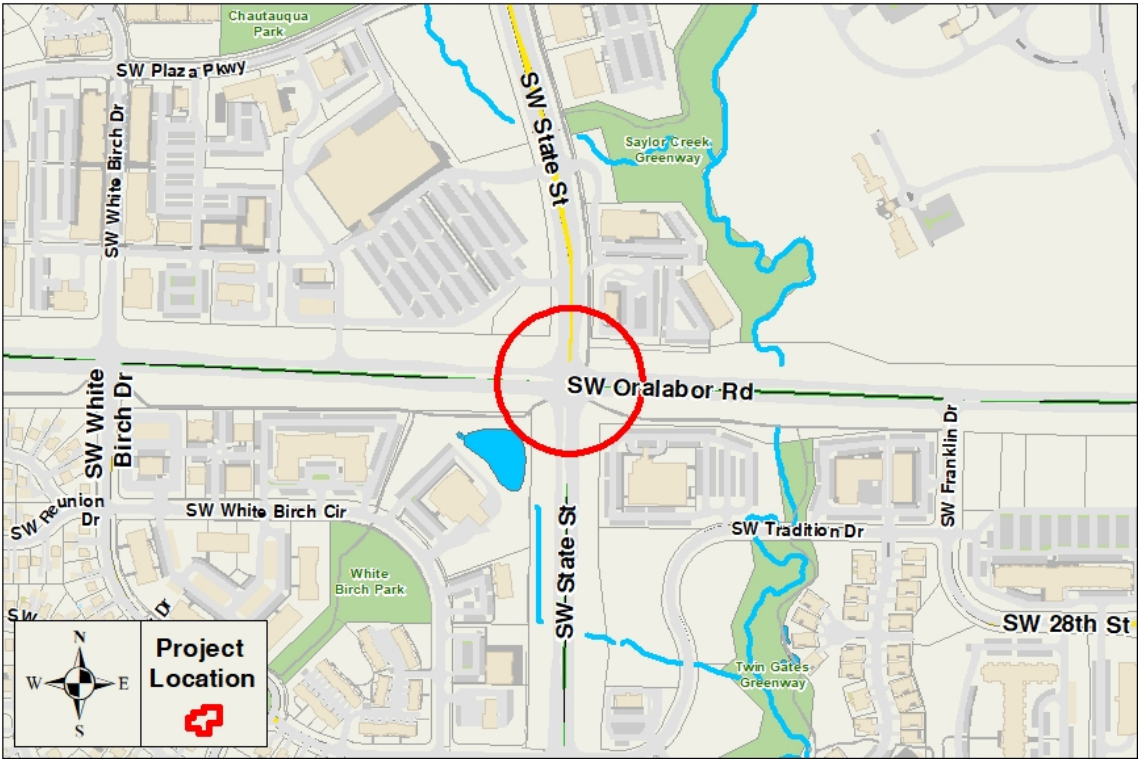
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs	500	500	500	500	500	2,500
Total	500	500	500	500	500	2,500

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-20-008
Project Name	SW Oralabor Rd and SW State St Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-21-004
Project Name	NW Irvinedale Dr and NW 18th St Intersection

Description

Reconstruction of the NW Irvinedale Drive and NW 18th Street intersection to improve traffic capacity, mobility and safety. The reconstruction will provide an urban cross section on all legs of the intersection. Storm sewer infrastructure and subdrain are also included with the proposed improvements. The City and the engineering consultant are studying the intersection to determine if improvements include traffic signalization with dedicated left and right turn lanes or a roundabout. The engineering consultant will complete the traffic study in 2023 to determine which intersection will provide more safety and capacity.

Justification

NW Irvinedale Drive and NW 18th Street are arterial streets that serve a large portion of the traffic in the northwest part of the City. The intersection’s current geometry creates bottlenecks due to the lack of left and right turn lanes. Additionally, there are locations along NW Irvinedale Drive with steep side slopes that are considered potential safety issues should a driver errantly leave the road.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	375,000					375,000
Engineering-Construction Services		320,000				320,000
Construction Costs		3,535,000				3,535,000
Street Lighting		150,000				150,000
Land/ROW Acquisition		20,000				20,000
Total	375,000	4,025,000				4,400,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	375,000	4,025,000				4,400,000
Total	375,000	4,025,000				4,400,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional pavement and storm sewer infrastructure will add annual maintenance costs for the City’s Public Works Department. The additional streetlights will increase electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			500	500	500	1,500
Utilities			1,000	1,000	1,000	3,000
Total			1,500	1,500	1,500	4,500

City of Ankeny, Iowa

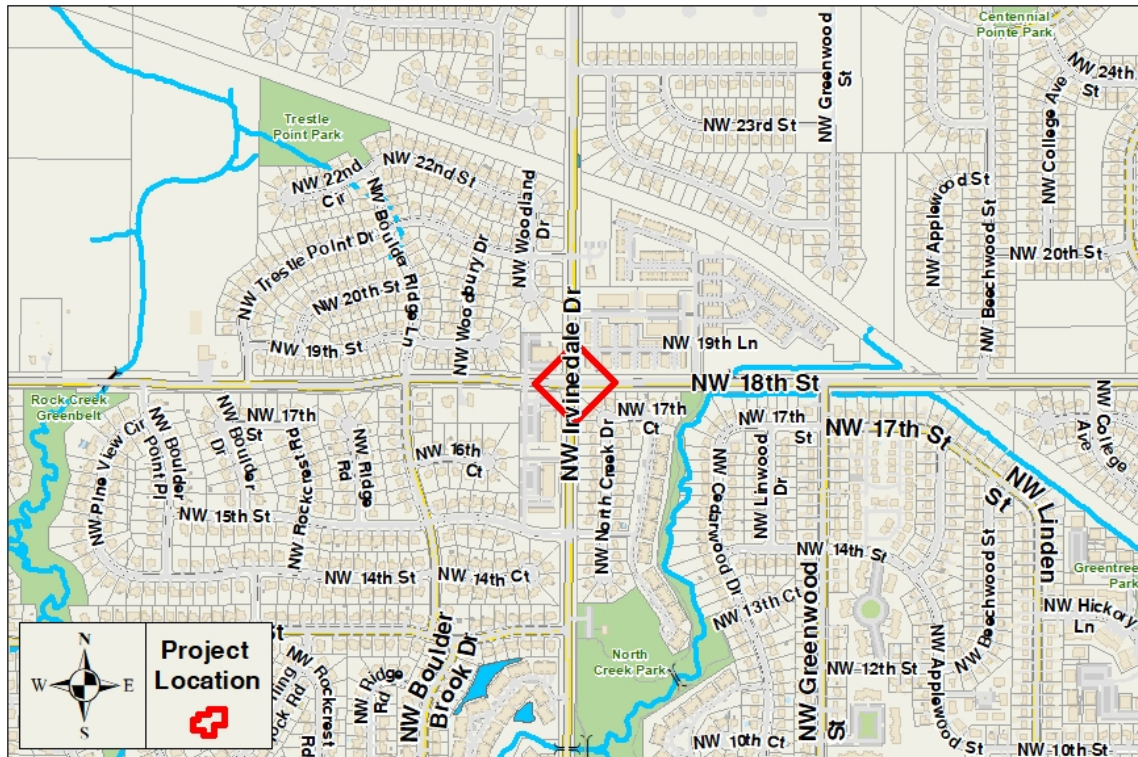
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-21-004**

Project Name NW Irvinedale Dr and NW 18th St Intersection



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-21-005

Project Name South Ankeny Blvd and SE Oralabor Rd Safety Impr

Description

The proposed project concept will add much-needed capacity to the intersection. A concept study will review the benefits and costs of non-traditional intersection configuration versus a traditional widening project (which the construction cost estimate in this request reflects). The project includes construction of a grade-separated crossing at the south leg of the intersection for the Oralabor Gateway Trail.

Justification

The South Ankeny Boulevard and SE Oralabor Road intersection was listed in the Iowa Department of Transportation's (DOT) Top 200 Safety Improvement Location Candidates in recent consecutive years. The City's safety study in 2020 found that the traffic demand on the intersection exceeds its capacity during peak periods and identified a pattern of correctable congestion-related crashes. The project will address the safety issues by providing additional capacity. These roads are joint jurisdictional with the Iowa DOT as U.S. Highway 69 and Iowa Highway 160, and Iowa DOT concurs with the study findings. Additional study proposed in 2025 will evaluate non-traditional intersection configurations. Funding applications to the Iowa Clean Air Attainment Program (ICAAP), Traffic Safety Improvement Program (TSIP), and Urban-State Traffic Engineering Program (U-STEP) are anticipated. The Oralabor Gateway Trail is a regional trail connection between the Neal Smith Trail system (to the west) and the Gay Lea Wilson Trail system (to the east). The trail is a 10-ft. wide PCC trail that runs along the south side of Oralabor Road and is popular with recreational users and commuters. The intersection carries high traffic volumes at high speeds, and the current at-grade trail crossing is wide, difficult to maneuver and has a higher probability of conflicts between vehicles and pedestrians. A grade-separated crossing at this location would improve safety for trail users and improve traffic flow for drivers. The grade-separated crossing has received \$440,000 of STBG-TAP funding from the Des Moines Area MPO, and additional funding will be requested. The proposed project schedule has concept study and funding application(s) in 2025; consultant survey and preliminary design in 2026; final design, right-of-way acquisition and utility relocations in 2027; and construction with consultant inspection in 2028 and 2029.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		125,000	250,000	175,000		550,000
Engineering-Construction Services					225,000	225,000
Construction Costs					3,500,000	3,500,000
Land/ROW Acquisition				200,000		200,000
Total		125,000	250,000	375,000	3,725,000	4,475,000
Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants					1,000,000	1,000,000
G.O. Bonds - TIF Abated		125,000	250,000	375,000	2,285,000	3,035,000
MPO/STBG Grants					440,000	440,000
Total		125,000	250,000	375,000	3,725,000	4,475,000

Budget Impact/Other

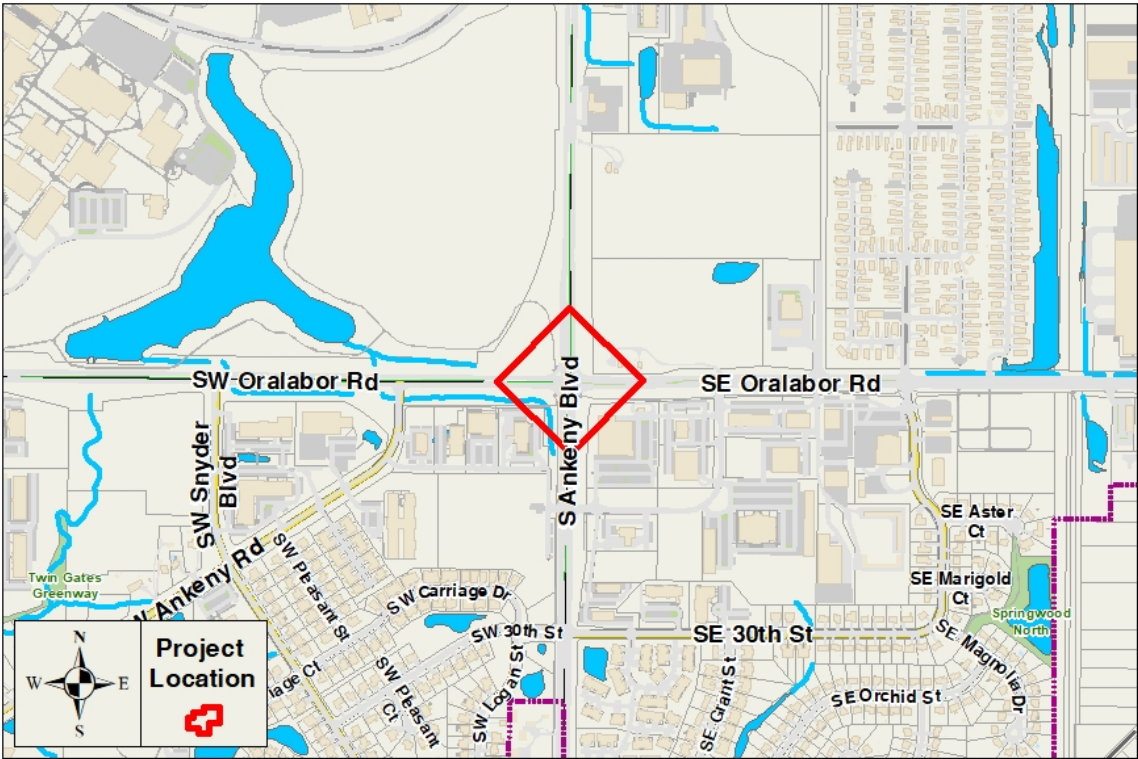
Iowa DOT maintains U.S. Highway 69 and Iowa Highway 160, so they would be responsible for snow removal and maintenance of the additional public street pavement at all of the intersection's approaches. The traffic signal improvements will replace existing City-owned infrastructure, so impacts to utility and maintenance costs will be negligible, or may be reduced with use of low-voltage equipment. The new grade-separated structure should require only a minor amount of maintenance each year. The Parks & Recreation Department would be required to maintain the structure during the winter months when plowing snow for the Oralabor Gateway Trail. If a tunnel is used, electricity and maintenance for lighting will be the City's responsibility.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-21-005
Project Name	South Ankeny Blvd and SE Oralabor Rd Safety Impr



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-22-003

Project Name West 1st Street Widening and Improvements-Phase 2

Description

Reconstruction of W 1st Street from just east of NW Greenwood Street to just west of NW/SW State Street. The existing four-lane street is only 41-ft. wide and is proposed to be removed and replaced with a new five-lane street that is a minimum of 60-ft. wide and includes a center two-way left turn lane. Additional improvements include water main and storm sewer upgrades to replace the 50-year-old underground infrastructure; the addition of a new traffic signal at the W 1st Street and NW/SW Linden Street intersection; and the addition of approximately 20 streetlights. Unlike the W 1st Street Widening and Improvements – Phase 1 project which was completed in 2022, it is anticipated that a joint utility trench will not be constructed in advance of this project. It is assumed that the existing overhead electric on wood poles would remain in their current locations and that any underground utilities that are in conflict with construction would be relocated within the City's right-of-way. Construction is currently scheduled to occur in 2026 and 2027 with an Iowa Department of Transportation (DOT) letting date currently programmed for November 2025.

Justification

The existing four-lane undivided street has operational and safety issues because the left-turning vehicles block the inside through traffic lanes. This results in traffic backups and increased accident potential along the corridor. W 1st Street carries heavy daily traffic, and the pavement requires regular concrete patching and asphalt cold patching and at 50 years old is at the end of its service life. In addition, the existing 10-ft. wide lanes do not meet the minimum acceptable widths per SUDAS design standards. It is anticipated that the project's construction will be completed over the course of two years due to the overall duration needed to reconstruct ½-mile of urban arterial street and the time constraints necessitated by maintaining a minimum two lanes of traffic flow at all times along the major arterial corridor. The topographic survey, stormwater study, and preliminary design are scheduled to occur in 2024; and the final design, property acquisitions, and utility relocations are planned for 2025. The City has been awarded \$1,151,500 in Federal Fiscal Year 2026 STBG funding and \$1,195,000 in Federal Fiscal Year 2027 STBG funding through the Des Moines Area MPO. In addition, the City was awarded an extra \$500,000 in excess funding from Federal Fiscal Year 2022.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	400,000	775,000				1,175,000
Engineering-Construction Services			375,000	400,000		775,000
Construction Costs			3,800,000	4,000,000		7,800,000
Street Lighting			75,000	75,000		150,000
Land/ROW Acquisition		100,000				100,000
Total	400,000	875,000	4,250,000	4,475,000		10,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated	400,000	875,000	2,826,750	3,051,750		7,153,500
MPO/STBG Grants			1,423,250	1,423,250		2,846,500
Total	400,000	875,000	4,250,000	4,475,000		10,000,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the mid-term and long-term, replacing the existing street will reduce annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavement. In addition, replacing the deteriorating underground infrastructure will reduce annual maintenance costs for the City because the Municipal Utilities Department will not have to perform as much water maintenance and repairs (e.g. water main breaks on existing ductile iron water pipe). The new traffic signal and streetlights will result in additional electric power costs to the City

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs					1,000	1,000
Utilities				1,500	3,250	4,750
Total				1,500	4,250	5,750

City of Ankeny, Iowa

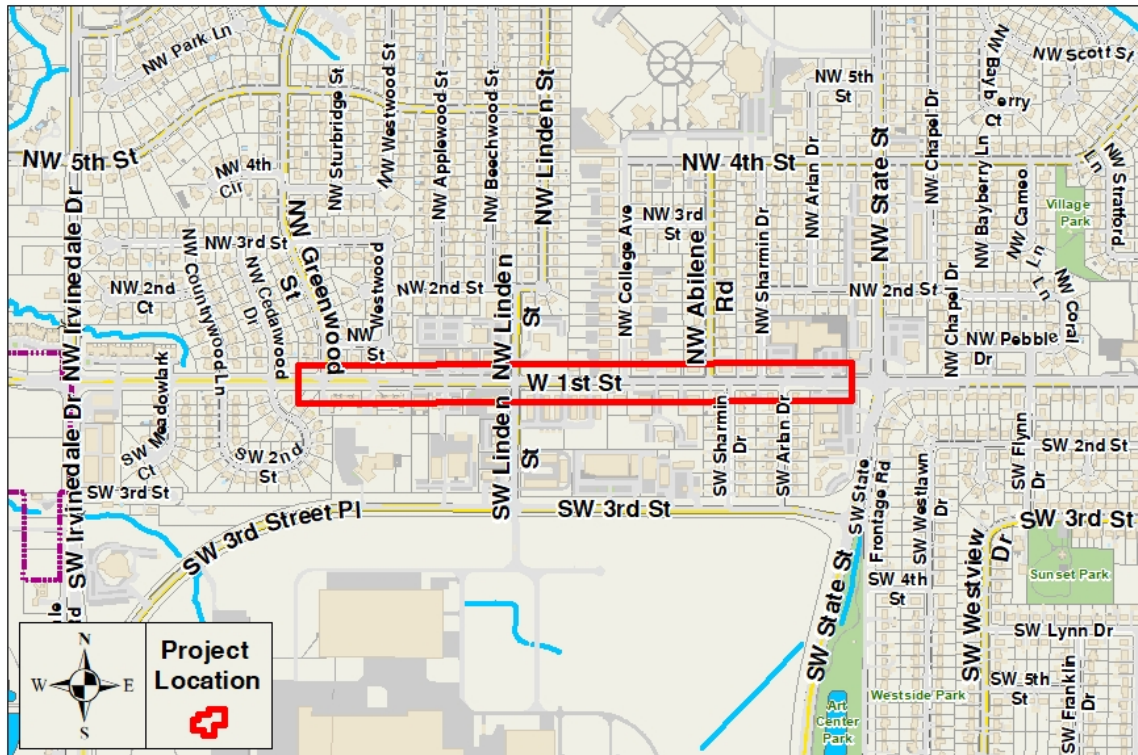
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-22-003**

Project Name West 1st Street Widening and Improvements-Phase 2



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-22-004

Project Name NW 18th St Reconstruction-NW State St to NW Ash Dr

Description

This project includes the reconstruction of the existing street pavement on NW 18th Street from approximately 450 feet west of NW State Street to approximately 350 feet west of NW Ash Drive. The project will include removing and replacing existing pavement, storm sewer intakes, and some sidewalk. New PCC pavement, modified subbase, subdrains, pavement markings, and left and right turn lanes will be constructed. The project also includes a new traffic signal on NW 18th Street at the football/baseball parking lot access for the Prairie Ridge Sports Complex (PRSC). The traffic study will determine the proposed cross-section and geometry for the street. The project also includes consultant survey, design, and construction services.

Justification

The purpose of the project is to replace the deteriorated pavement along the NW 18th Street corridor from west of NW State Street to west of NW Ash Drive, along with providing additional turning capacity to improve traffic safety and mobility at the intersections. The project will also improve mobility for ingress and egress traffic using the PRSC football/baseball parking lot at its access point on NW 18th Street. The concept study completed in 2021 identified the preferred improvements as adding an eastbound right turn lane on NW 18th Street, a northbound right turn lane on the PRSC football/baseball access, and a traffic signal at the intersection of NW 18th Street and the PRSC football/baseball access. The traffic signal will operate in coordination with the existing traffic signals on NW 18th Street at the NW State Street and NW Ash Drive intersections. The anticipated project schedule includes consultant survey and conceptual design in 2025; preliminary and final design in 2026; and construction and consultant inspection in 2027. An estimated \$100,000 is anticipated for aesthetic enhancements at the PRSC football/baseball access (e.g. landscaping and a monument sign) in 2028.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		100,000	390,000			490,000
Engineering-Construction Services				325,000	25,000	350,000
Construction Costs				4,075,000	75,000	4,150,000
Street Lighting				100,000		100,000
Land/ROW Acquisition			10,000			10,000
Total		100,000	400,000	4,500,000	100,000	5,100,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		100,000	400,000	4,500,000	100,000	5,100,000
Total		100,000	400,000	4,500,000	100,000	5,100,000

Budget Impact/Other

The project will reduce the annual maintenance costs for the City because the Public Works Department will not have to do frequent preventative maintenance (e.g. cold patching) on the existing pavement. Widening the PRSC football/baseball access will add pavement maintenance costs for the Parks & Recreation Department. Adding turn lanes on NW 18th Street will increase snow removal costs for the Public Works Department, and the new traffic signal will increase maintenance costs in the long-term. The new traffic signal and street lights will increase electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs					-7,500	-7,500
Utilities					1,750	1,750
Total					-5,750	-5,750

City of Ankeny, Iowa

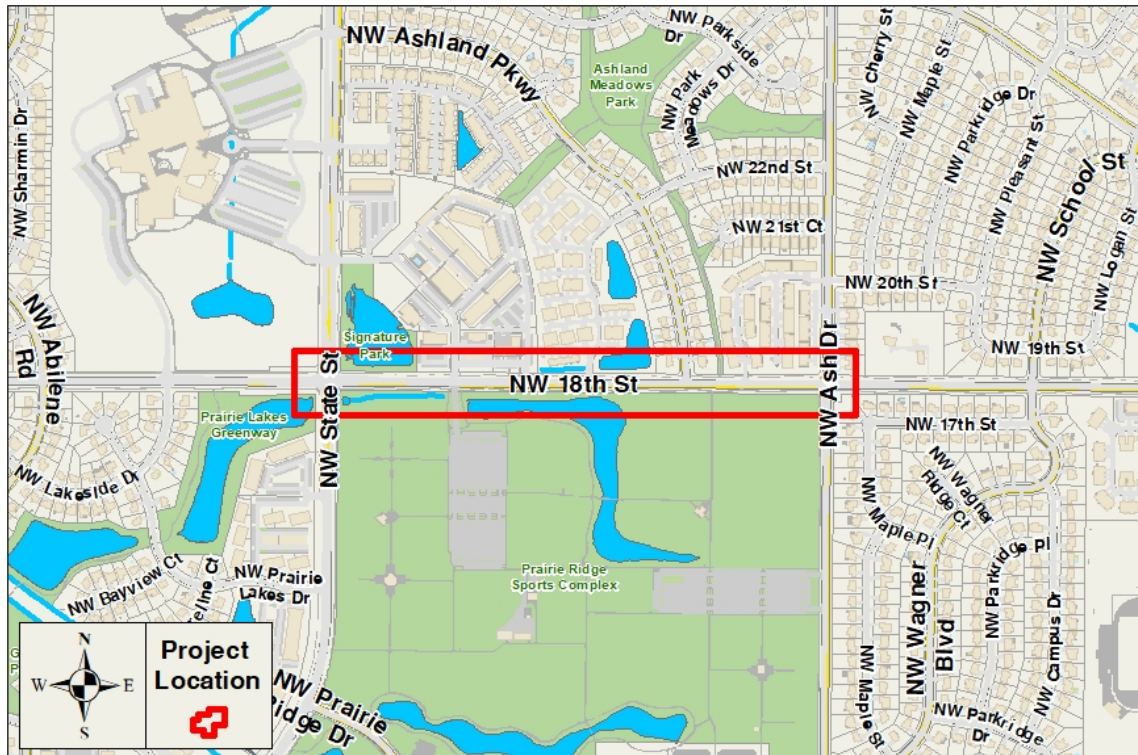
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-22-004**

Project Name NW 18th St Reconstruction-NW State St to NW Ash Dr



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-23-001

Project Name N Ankeny Boulevard Improvements-1st St to 11th St

Description

This is a joint project with the Iowa Department of Transportation (DOT) to add right-turn lanes, repair failing pavement, replace aged traffic signal infrastructure, upgrade pedestrian ramps, and replace existing landscaping in the medians and at the intersections with low maintenance plantings on N Ankeny Boulevard, between 1st Street and 11th Street.

Justification

The Iowa DOT has already planned for a PCC inlay of northbound N Ankeny Boulevard between 1st Street and 5th Street along with a PCC inlay of southbound N Ankeny Boulevard between 1st Street and 11th Street in 2025. The Iowa DOT agreed to expand the scope of their project to include right-turn lanes on N Ankeny Boulevard and the side streets, in conjunction with the City's streetscaping and traffic signal improvements at the 5th, 9th, and 11th Street intersections and in the medians. The Iowa DOT will be responsible for the costs associated with designing and constructing the PCC inlays and right-turn lanes on N Ankeny Boulevard. The City will be responsible for the costs associated with designing and constructing the right-turn lanes on the side streets and the landscaping and traffic signal improvements at the intersections and in the medians. The Iowa DOT and City improvements, minus the landscaping, will be bid as one project with an Iowa DOT letting utilizing separate divisions for construction staging efficiency and economy of scale. The landscaping improvements at the intersections and in the medians would be completed as a separate City project in 2026. The Iowa DOT is contributing \$35,000 in design costs for the inlay portion of the project, along with \$1,750,000 in Resurfacing, Rehabilitation, and Restoration (3R) funding, and \$400,000 in Urban-State Traffic Engineering Program (U-STEP) funding. The City has applied for \$1,400,000 in Iowa Clear Air Attainment Program (ICAAP) funding and will apply for \$200,000 in Pedestrian Curb Ramp Construction funding from the Iowa DOT.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	300,000					300,000
Engineering-Construction Services		300,000	25,000			325,000
Construction Costs		5,400,000	250,000			5,650,000
Land/ROW Acquisition	200,000					200,000
Total	500,000	5,700,000	275,000			6,475,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	35,000	3,750,000				3,785,000
G.O. Bonds	465,000	1,950,000	275,000			2,690,000
Total	500,000	5,700,000	275,000			6,475,000

Budget Impact/Other

The Iowa DOT is responsible for maintenance and snow removal on N Ankeny Boulevard, so additional pavement maintenance and snow removal costs for the City will be limited to the new right-turn lanes on the side streets. Replacing the traffic signal equipment with more energy-efficient equipment may reduce maintenance and electric utility costs in the long term. The existing landscaping in the medians is difficult to maintain, and the proposed landscaping is low maintenance. Therefore, the additional landscape maintenance cost for the Public Works Operations Division is considered negligible. The new irrigation system will require normal maintenance, and irrigating the landscaped medians and intersection corners will result in additional water usage by the City during the spring and summer months.

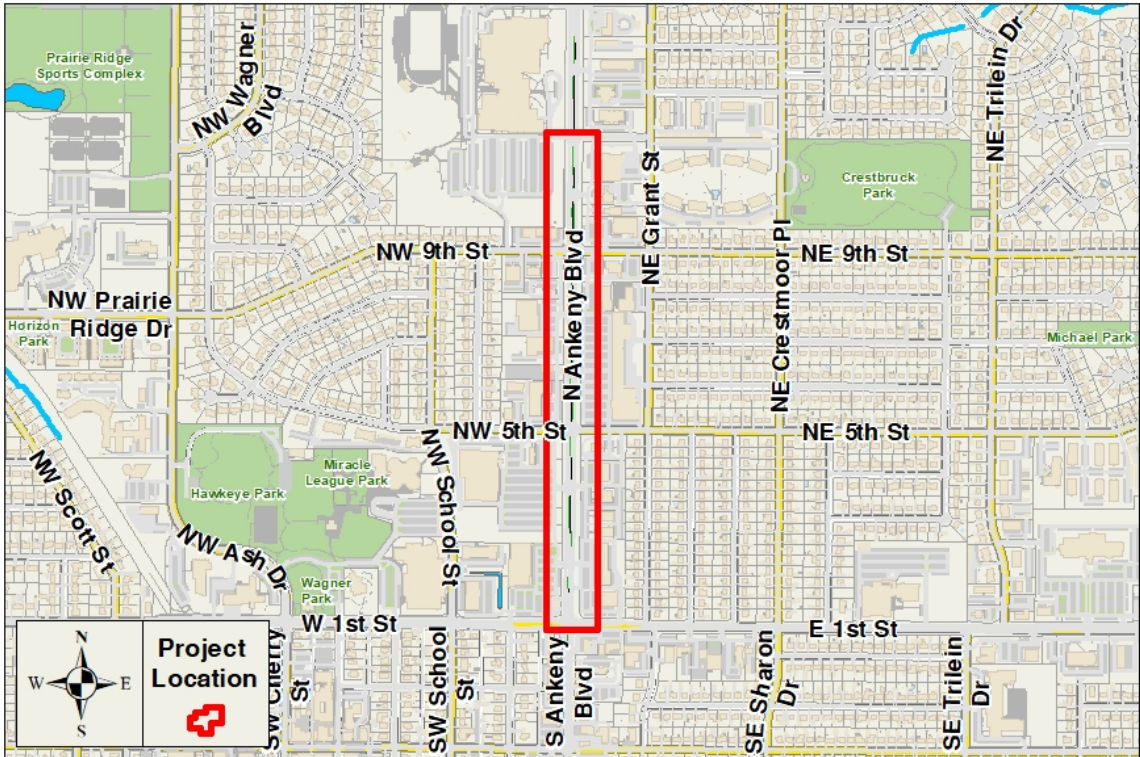
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs			250	750	750	1,750
Utilities				1,000	1,000	2,000
Total			250	1,750	1,750	3,750

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-23-001
Project Name	N Ankeny Boulevard Improvements-1st St to 11th St



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-23-002
Project Name	NE Delaware Reconstruction-Four Mile to NE 36th

Description
Reconstruction of NE Delaware Avenue from a two-lane rural roadway to an urban section (either three-lane or five-lane) with two-way left turn lanes from Four Mile Creek to NE 36th Street, depending upon the results of a consultant-prepared traffic study in conjunction with the conceptual design of the project.
The project may also include either a new Rectangular Rapid Flashing Beacon (RRFB) or a High Intensity Activated Crosswalk (HAWK) signal at the NE Delaware Avenue and NE 28th Street intersection. It is currently assumed that the existing traffic signal at the NE Delaware Avenue and NE 36th Street intersection would not be modified or replaced, and that no other signals would be necessary along the corridor as a part of the planned improvements. Other construction improvements are expected to include storm sewer and subdrain. It is anticipated that sanitary sewer and water main improvements would be minimal.

Justification
The previous traffic study completed by Snyder & Associates, Inc. in 2013 did not show a need to widen this street based on then-current traffic volumes. However, having this street widened with two-way left turn lanes will allow for improved traffic safety and mobility as the City continues to grow both to the north of NE 36th Street and also to the east of Interstate 35. The project is planned for the traffic study, conceptual design, and survey to occur in 2028; preliminary design, final design, and utility relocations in 2029; construction in 2030 and 2031; and landscaping improvements in 2032. Property acquisitions are assumed to be limited to temporary construction easements only for a three-lane section, and would also include fee title acquisitions for a five-lane section. The City will likely apply for Federal-aid STBG funding through the Des Moines Area MPO to assist with funding the construction of the roadway project.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					500,000	500,000
Total					500,000	500,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds					500,000	500,000
Total					500,000	500,000

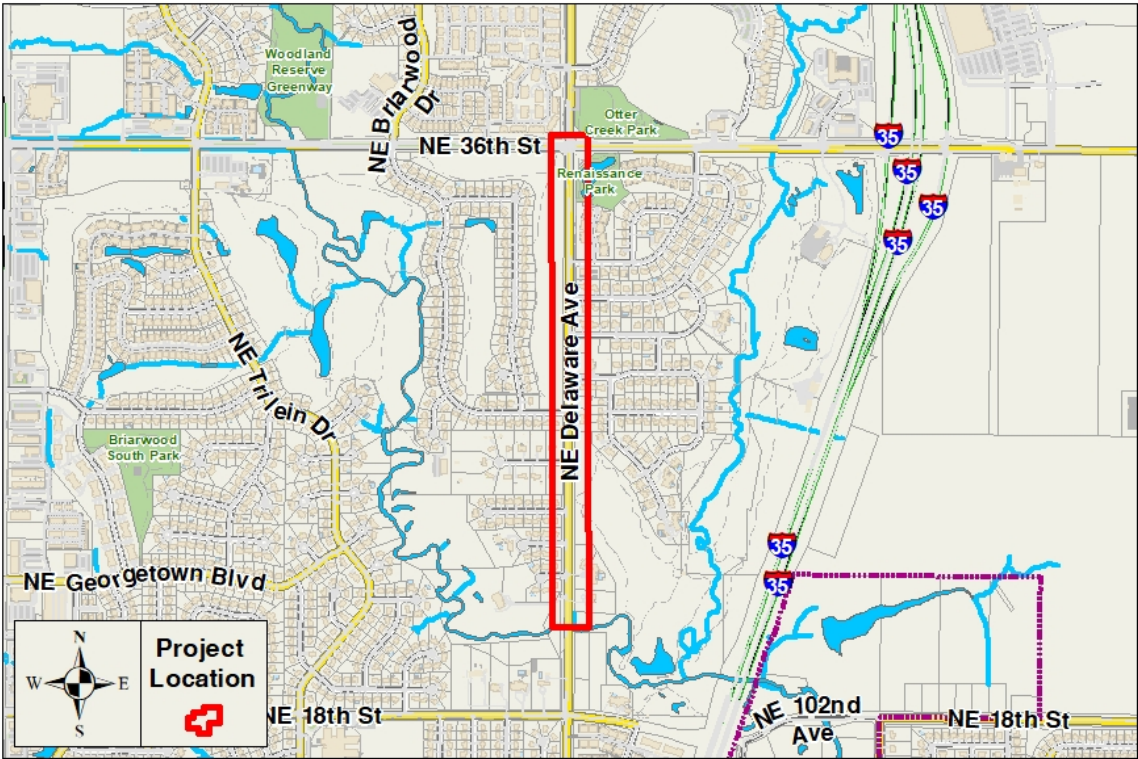
Budget Impact/Other
The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, replacing the existing pavement will reduce annual maintenance costs for the City because the Public Works Department will not have to do patching and crack and joint sealing. The new pedestrian signal and public utility infrastructure will add annual maintenance costs for the City's Public Works and Municipal Utilities departments. The new pedestrian signal and streetlights will also result in additional electric power costs for the City.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-23-002
Project Name	NE Delaware Reconstruction-Four Mile to NE 36th



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-23-005

Project Name S Ankeny Blvd Improvements-SE Peterson to 1st St

Description

This is a joint project with the Iowa Department of Transportation (DOT) to reconstruct S Ankeny Boulevard (U.S. Highway 69) from SE Peterson Drive to 1st Street. The anticipated work will include the replacement of the aging 4-lane undivided urban section with a 5-lane divided urban section and right turn lanes where applicable. The project will include the replacement of pavement, sidewalk, water main, sanitary sewer, and storm sewer along with the traffic signal at SE 3rd Street and subsequent fiber optic interconnect.

Consultant-led survey, design, and utility relocation coordination is scheduled to occur from 2023 to 2025. Joint utility trench (JUT) construction and associated easements for the relocation of private utilities is anticipated to occur during the last half of 2025 and the first half of 2026. City water main and sanitary sewer construction is anticipated to occur during the last half of 2026. Iowa DOT roadway construction is anticipated to occur during all of 2027 and 2028.

Based on the Predesign Agreement between the Iowa DOT and the City for the project, the Iowa DOT has identified the following funding sources to be used for the roadway construction: 3R, U-STEP, HSIPX, TSIP, and NR. It is also anticipated that a portion of the JUT's total construction and easement costs will be funded by the Iowa DOT. Lastly, it is undetermined whether MidAmerican Energy Company's (MEC) – electric facilities will be converted from overhead to underground. If conversion is needed, it is anticipated that the conversion would be at MEC's expense, including construction and associated easements.

Justification

A study was completed in 2020 documenting the traffic operations and safety issues and recommended improvements to S Ankeny Boulevard from SW Ordinance Road to 1st Street. The study also recommended improving access management and safety along the corridor due to the frequency of access points to adjacent properties. The Iowa DOT and the City of Ankeny have agreed that the City would manage and pay for the consultant-led survey, design, and utility relocation coordination, and the Iowa DOT would manage and pay for the right-of-way acquisition, construction, and construction engineering services. This project is the first phase of improvements to S Ankeny Boulevard. It is anticipated that there will be a future improvement project on S Ankeny Boulevard from SW Ordinance Road to SE Peterson Drive.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	150,000	175,000				325,000
Engineering-Construction Services			75,000	50,000	75,000	200,000
Construction Costs		550,000	2,050,000	3,450,000	4,975,000	11,025,000
Street Lighting					250,000	250,000
Land/ROW Acquisition		200,000				200,000
Total	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000

Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants		200,000	300,000	2,850,000	4,300,000	7,650,000
G.O. Bonds	150,000	725,000		650,000	1,000,000	2,525,000
Sewer Fund			912,500			912,500
Water Fund			912,500			912,500
Total	150,000	925,000	2,125,000	3,500,000	5,300,000	12,000,000

Budget Impact/Other

The Iowa DOT maintains S Ankeny Boulevard/U.S. Highway 69; therefore, it is anticipated that the project will not have an operating impact to the City. Due to the potential for City utility relocations and/or improvements being needed as part of the project, the operating impact to the City will be reviewed further after the preliminary design has been completed.

City of Ankeny, Iowa

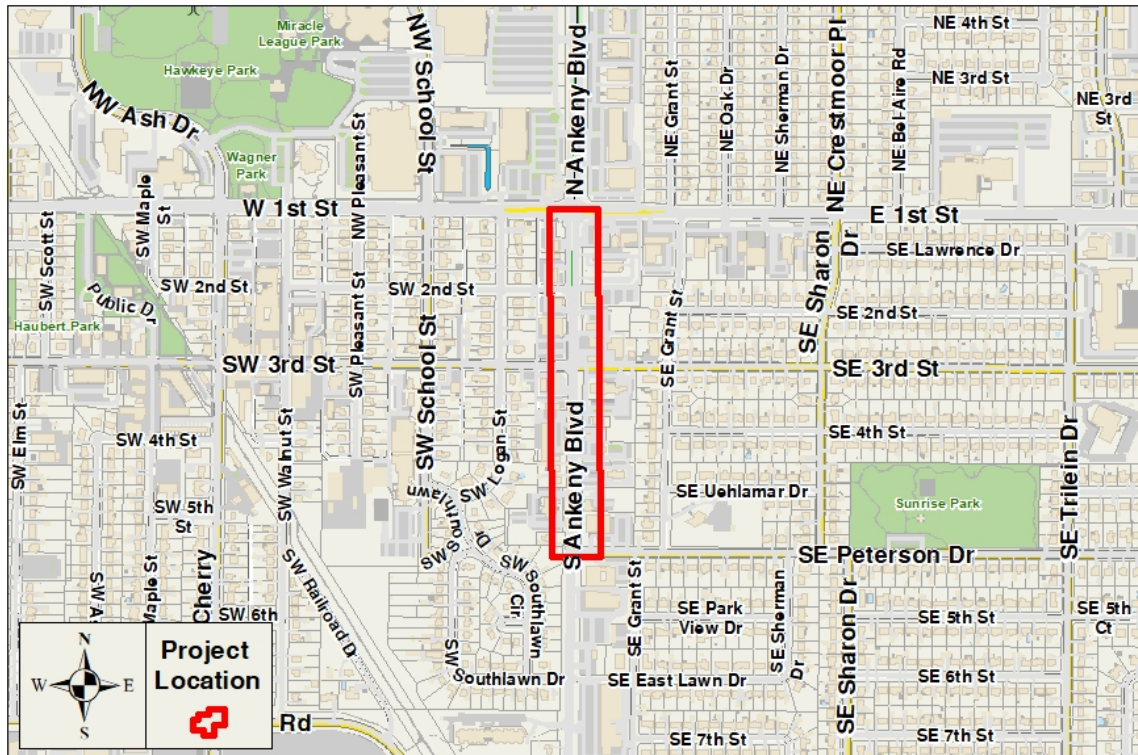
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-23-005**

Project Name S Ankeny Blvd Improvements-SE Peterson to 1st St



2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-23-006
Project Name	SW Magazine & State St Intersection Improvements

Description

The project will widen SW Magazine Road to provide a second eastbound through lane on the west leg approach to the intersection with SW State Street. The widening will be on the south side of SW Magazine Road, for approximately 400 feet, and will align with the two existing eastbound receiving lanes on the east side of SW State Street. The median in the west leg will be modified and extended to provide additional left-turn storage, and it will convert the accesses immediately west of SW State Street to right-in/right-out-only operation.

Justification

With the traffic impact study completed to analyze increased traffic volumes associated with proposed developments in Prairie Trail west of the project intersection, an existing capacity issue was identified for eastbound traffic during peak hours. The existing short left-turn lane and single shared thru/right-turn lane do not provide sufficient capacity: long delays and queues are common for eastbound drivers on the west leg. Adding a second thru lane and increasing the length of the left-turn lane will support the overall intersection operation and reduce eastbound delays significantly.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	40,000					40,000
Construction Costs	425,000					425,000
Land/ROW Acquisition	10,000					10,000
Total	475,000					475,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	475,000					475,000
Total	475,000					475,000

Budget Impact/Other

The new pavement area will be relatively small, but it will result in additional pavement and sign maintenance and snow removal costs.

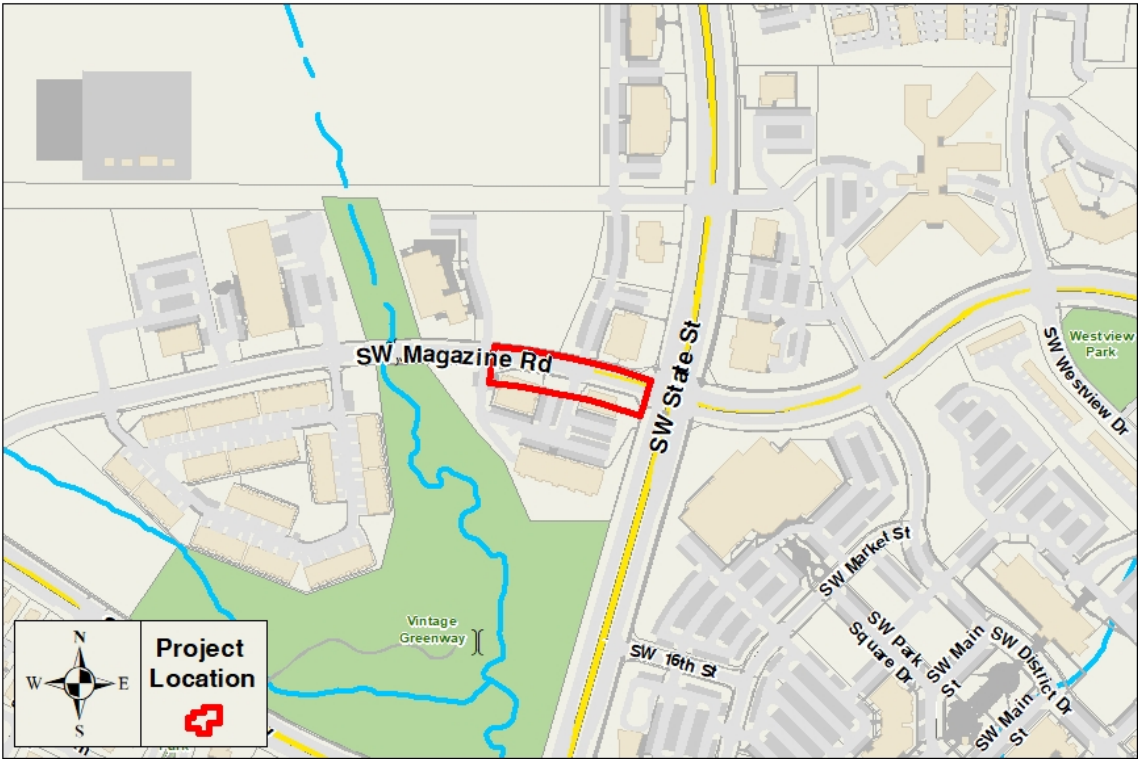
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		150	150	150	150	600
Total		150	150	150	150	600

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-23-006
Project Name	SW Magazine & State St Intersection Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-001
Project Name	NW Prairie Ridge Dr/9th St & Ash Dr Intersection

Description

This project will reconstruct and widen the intersection of NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive. The intersection will include left-turn lanes on all legs; right-turn lanes on all legs except the east leg; a new traffic signal to replace all-way stop control; converting NW Maple Street into a right-in/right-out at NW 9th Street; pedestrian improvements and drainage improvements.

Justification

This intersection serves a large volume of traffic in the northwest part of the City given its proximity to schools, commercial properties, and City facilities. During peak hours, each leg of the intersection has long queues, and traffic volumes at the intersection are projected to increase in the future. Also, NW Maple Street is approximately 200-ft. east of this intersection, and it contributes to the queueing issues. This project will improve traffic capacity, mobility and safety. City staff and the engineering consultant have been studying the intersection in 2023 to determine the recommended improvements. Survey and preliminary design are planned for 2024; final design, right-of-way acquisition, and utility relocations are planned for 2025; and construction is planned for 2026.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	200,000	165,000				365,000
Engineering-Construction Services			385,000			385,000
Construction Costs			3,700,000			3,700,000
Street Lighting			75,000			75,000
Land/ROW Acquisition		50,000				50,000
Total	200,000	215,000	4,160,000			4,575,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	200,000	215,000	4,160,000			4,575,000
Total	200,000	215,000	4,160,000			4,575,000

Budget Impact/Other

The additional public street pavement will increase maintenance costs for the City due to the additional winter maintenance and street sweeping that will be required. In the long-term, the additional pavement and storm sewer infrastructure will add annual maintenance costs for the City's Public Works Department. The additional streetlights and traffic signal will increase electric power costs for the City.

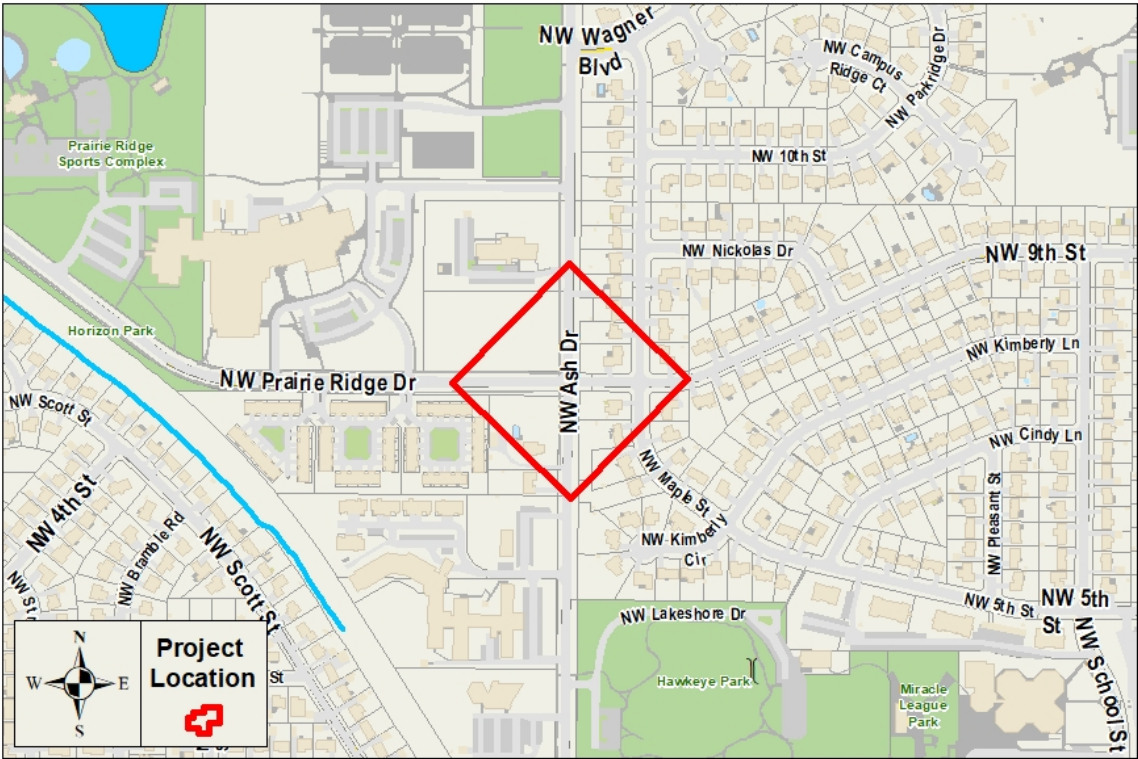
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				500	500	1,000
Utilities				1,300	1,300	2,600
Total				1,800	1,800	3,600

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-24-001
Project Name	NW Prairie Ridge Dr/9th St & Ash Dr Intersection



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-002
Project Name	NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv

Description

The project includes the reconstruction of street pavement and pedestrian ramps along NE Chambers Parkway from 200-ft. south of NE Williamsburg Drive to NE 16th Street. The project will include removing and replacing existing pavement, sidewalk, and pedestrian ramps. New PCC pavement will be constructed with geogrid and modified subbase. The project includes consultant survey, design, and construction services.

Justification

The purpose of the project is to replace significantly deteriorated pavement, which was likely caused by poor soil conditions, along the NE Chambers Parkway corridor. The project also includes bringing existing pedestrian ramps into American with Disabilities Act (ADA) compliance.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		150,000				150,000
Engineering-Construction Services			75,000			75,000
Construction Costs			975,000			975,000
Total		150,000	1,050,000			1,200,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds		150,000	1,050,000			1,200,000
Total		150,000	1,050,000			1,200,000

Budget Impact/Other

The project will reduce the annual maintenance costs for the City as the Public Works Department will not have to do frequent preventative maintenance to the deteriorated sections of NE Chambers Parkway. The impact will not be realized until after construction, beginning in 2027. Upgrading existing pedestrian ramps and bringing them into ADA compliance may reduce the number of complaints City staff follow up with regarding non-compliant ramps.

Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs				-3,500	-3,500	-7,000
Total				-3,500	-3,500	-7,000

City of Ankeny, Iowa

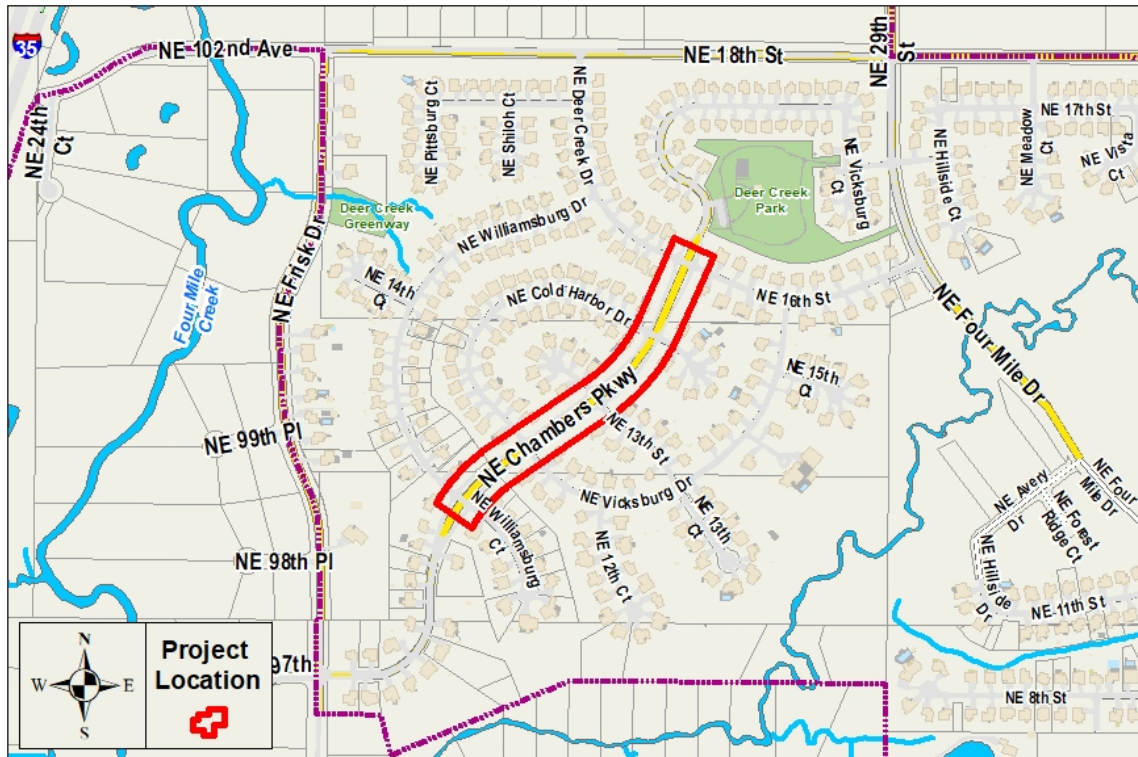
2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # **STR-24-002**

Project Name NE Chambers Pkwy Pavement & Pedestrian Ramp Imprv



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys

Project #	STR-24-003
Project Name	SE Creekview Drive Extension

Description
This project will extend SE Creekview Drive from the current existing north limit near Tones to approximately 1,400 feet north. Proposed improvements include two-lane PCC curb-and-gutter paving, storm sewers, sidewalks, and streetlights.

Justification
This project is being proposed to help stimulate potential business growth along SE Creekview Drive. The tax base and new jobs generated by these developments will be substantial. Elwell Company and Civil Design Advantage will be applying for an Iowa DOT Revitalize Iowa’s Sound Economy (RISE) grant. The City will oversee the design and construction of the project in accordance with the RISE eligibility requirements, but a portion of the street project costs will be funded by the Iowa DOT RISE grant and the remaining will be funded by Elwell Company.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	325,000					325,000
Construction Costs	1,700,000					1,700,000
Total	2,025,000					2,025,000
Funding Sources	2024	2025	2026	2027	2028	Total
FHWA/IDOT Grants	925,000					925,000
Private Contributions	1,100,000					1,100,000
Total	2,025,000					2,025,000

Budget Impact/Other
After completion, the added streets and utilities will be the responsibility of the City to maintain. The annual maintenance costs will be the responsibility of the Public Works Department. The additional street lights along the roadway will also be an additional annual City expense for electric power.

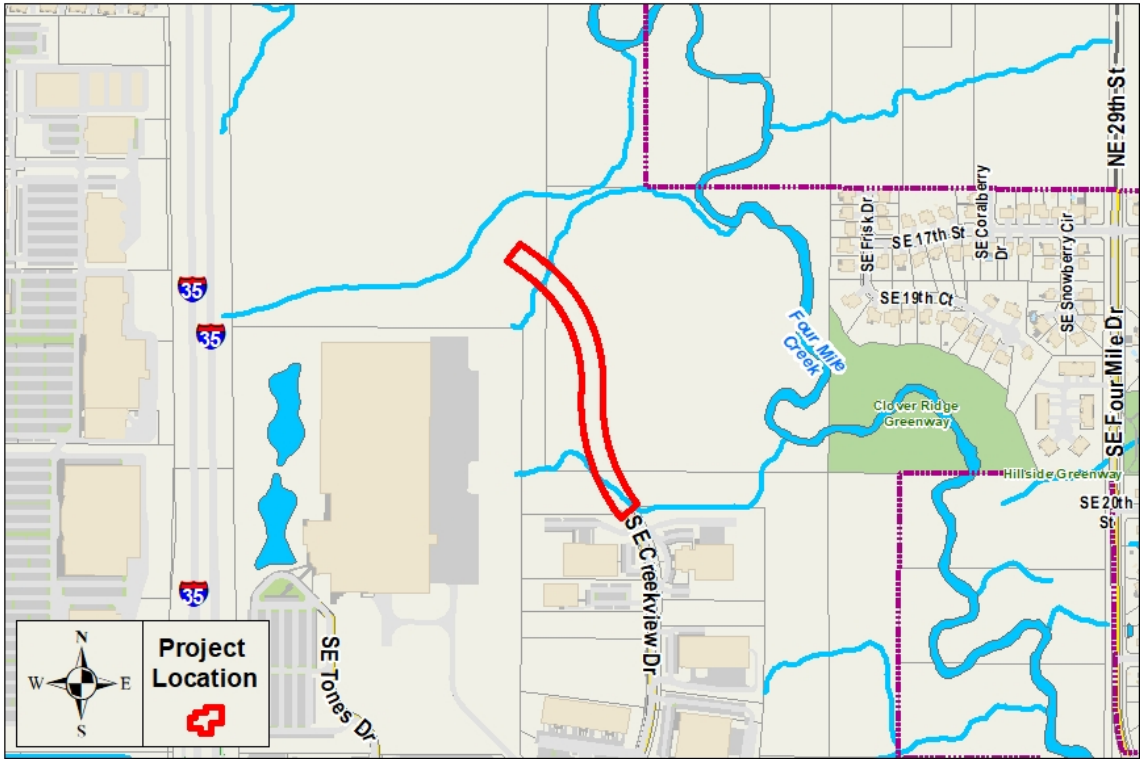
Budget Items	2024	2025	2026	2027	2028	Total
Maintenance Costs		1,000	1,000	1,000	1,000	4,000
Utilities		2,500	2,500	2,500	2,500	10,000
Total		3,500	3,500	3,500	3,500	14,000

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	STR-24-003
Project Name	SE Creekview Drive Extension



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Traffic Control

Project # TRF-00-001

Project Name Annual Traffic Signal Improvement Program

Description

Proposed locations for new traffic signals and minor fiber optic upgrades (listed in order of priority):

2024 – SE Delaware Avenue signal equipment upgrades: SE National Drive to SE Magazine Road - \$400,000

2024 – SE Delaware Avenue and SE 54th Street traffic signal - \$662,000

2024 – SE Delaware Avenue and private drive traffic signal cost share - \$195,000

2024 – East 1st Street and Four Mile Drive traffic signal and left turn lanes cost share - \$307,000

2024 – Miscellaneous traffic control upgrades: anticipated – South Ankeny Boulevard and SE Oralabor Road pan-tilt-zoom (PTZ) camera installation and NW 5th Street and NW School Street rectangular rapid flashing beacons installation - \$40,000

2025 – SE Oralabor Road and SE Four Mile Drive traffic signal - \$140,000

2025 – SW State Street and NW 72nd Place westbound right-turn lane and signal upgrade - \$330,000

2025 – South Ankeny Boulevard and SE 8th Street traffic signal - \$325,000

2026 – SE Oralabor Road and SE Four Mile Drive traffic signal - \$570,000

2026 – South Ankeny Boulevard and SE Lorenz Drive traffic signal replacement - \$325,000

2025 – 2028 – Concept studies - \$40,000 per year

2025 – 2028 – Miscellaneous traffic control upgrades - \$40,000 per year

2025 – 2028 – Cost-sharing for traffic signal improvements constructed by developer - \$150,000 per year

2026 – 2028 – Traffic signal and fiber optic projects, TBD - \$710,000 per year

2027 – 2028 – Traffic signal replacements, TBD – \$330,000 per year

2027 – 2028 – Fiber optic upgrades, TBD - \$220,000 per year

Justification

An effective and efficient transportation system improves traffic safety and mobility, reduces energy costs and enhances the quality of life for residents. A robust and dependable communication system is key to management of the street network. The proposed locations of traffic signals and fiber optic upgrades are reviewed annually and planning level costs are used. The City's partial reimbursements for traffic signals designed and constructed by developers are included in this form. Traffic counts in September 2023, review of crash experience, and concept studies will identify intersections for signalization or other improvement in year 2026 and beyond. There is potential to obtain federal and/or state funding for traffic signals proposed at intersections with state highways.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	54,000	100,000	125,000	150,000	150,000	579,000
Construction Costs	1,300,000	810,000	910,000	1,240,000	1,240,000	5,500,000
Other Costs	250,000	115,000	150,000	100,000	100,000	715,000
Total	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000

Funding Sources	2024	2025	2026	2027	2028	Total
County Contributions		50,000				50,000
G.O. Bonds	1,514,000	975,000	1,185,000	1,490,000	1,490,000	6,654,000
Private Contributions	90,000					90,000
Total	1,604,000	1,025,000	1,185,000	1,490,000	1,490,000	6,794,000

Budget Impact/Other

In the long-term, additional traffic signal infrastructure will add annual maintenance costs for the City's Public Works Department. Industry standards recommend one FTE signal technician per 30-35 traffic signals, plus one FTE fiber optic technician per 100 devices. New traffic signals will result in additional electric power costs for the City.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	5,500	6,200	6,900	7,600	8,300	34,500
Total	5,500	6,200	6,900	7,600	8,300	34,500

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works

Contact City Engineer

Project # TRF-00-001

Project Name Annual Traffic Signal Improvement Program



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2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 20 years
Category Traffic Control

Project #	TRF-23-001
Project Name	Fiber Optic Network Upgrade

Description

This project implements the master fiber optic redundancy needed for both the traffic signal communication network utilized by the Public Works Department and the overall City operations network managed by the Information Technology (IT) Department. The project will place approximately 180,000 feet of fiber optic cable and 100 splice enclosures to implement efficient path-diverse fiber optic rings for primary and secondary communications between traffic signals and between City facilities.

Justification

The Fiber Optic Network Upgrade will implement Phase 1 of the ultimate fiber optic network build-out identified in the Fiber Optic Network Master Plan. The Plan’s purpose is to provide a more reliable and maintainable network while allowing flexibility and scalability to support future growth and expanded use of technology. Completing the improvements as a nearly-single project will reduce the “lost” costs associated with completing multiple smaller segments, and it will result in a more robust system overall. This project will also replace much of the fiber optic infrastructure construction or relocation included with other future capital improvement projects, except as needed for expansion to new areas or facilities. At this time, the planning-level cost estimates are broad and conservative, and it is expected that the preliminary design underway in 2023 will provide numerous opportunities for value engineering. The proposed schedule includes final design and purchase of fiber optic cable and conduit in 2024, with construction of the conduit system in 2025 and 2026 including infrastructure to planned Fire Station No. 4 in fall 2025, followed by the remainder of fiber optic cable placement, splicing, terminating, and testing of the fiber in 2027. Applying for Iowa Clean Air Attainment Program (ICAAP) funding for the project will be considered.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	225,000					225,000
Engineering-Construction Services		40,000	30,000	50,000		120,000
Construction Costs		765,000	470,000	560,000		1,795,000
Other Costs	425,000					425,000
Total	650,000	805,000	500,000	610,000		2,565,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	650,000	805,000	500,000	610,000		2,565,000
Total	650,000	805,000	500,000	610,000		2,565,000

Budget Impact/Other

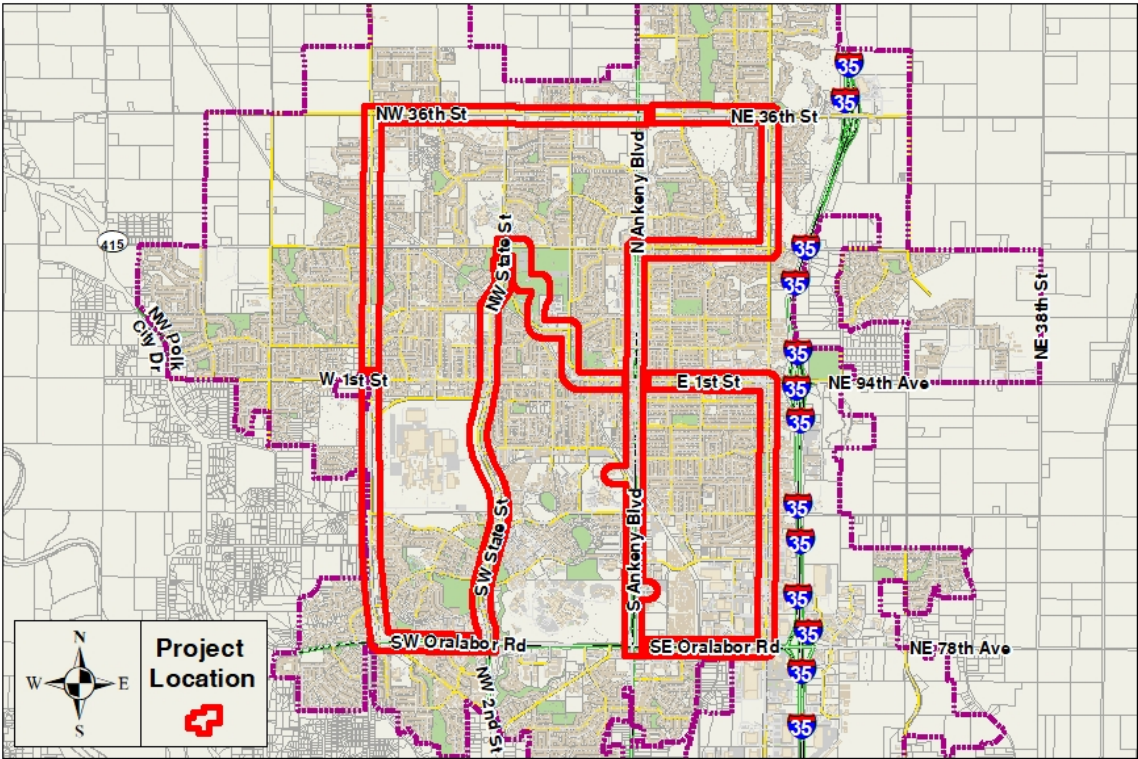
The project upgrades the City’s existing fiber optic system to provide more reliable service and reduce outages, so a minimal impact to operating costs is expected.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	TRF-23-001
Project Name	Fiber Optic Network Upgrade



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

DepartmentPublic Works

ContactCity Engineer

TypeNew Construction

Useful Life20 years

CategoryTraffic Control

Project #	TRF-23-002
Project Name	SE Corporate Woods and Crosswinds Traffic Signal

Description
The project includes design and construction of a traffic signal at the SE Corporate Woods Drive and SE Crosswinds Drive intersection in 2024.

Justification
The project will fulfill the City’s commitment established in the development agreement with Crosswinds Business Park Building I, LLC (developer) in March 2021, to construct a traffic signal at the intersection of SE Corporate Woods Drive and SE Crosswinds Drive when needed and warranted. The developer agreed to provide any right-of-way and/or easements needed for the project at no cost to the City and to reimburse the City for 25% of the traffic signal construction cost. The maximum reimbursement amount is adjusted for inflation over ten years.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	5,000					5,000
Construction Costs	380,000					380,000
Other Costs	100,000					100,000
Total	485,000					485,000
Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds	405,000					405,000
Private Contributions	80,000					80,000
Total	485,000					485,000

Budget Impact/Other
In the long-term, the additional traffic signal infrastructure will add annual maintenance costs for the City’s Public Works Department. Industry standards recommend one FTE signal technician per 30-35 traffic signals, plus one FTE fiber optic technician per 100 devices. The new traffic signal will result in additional electric power costs for the City.

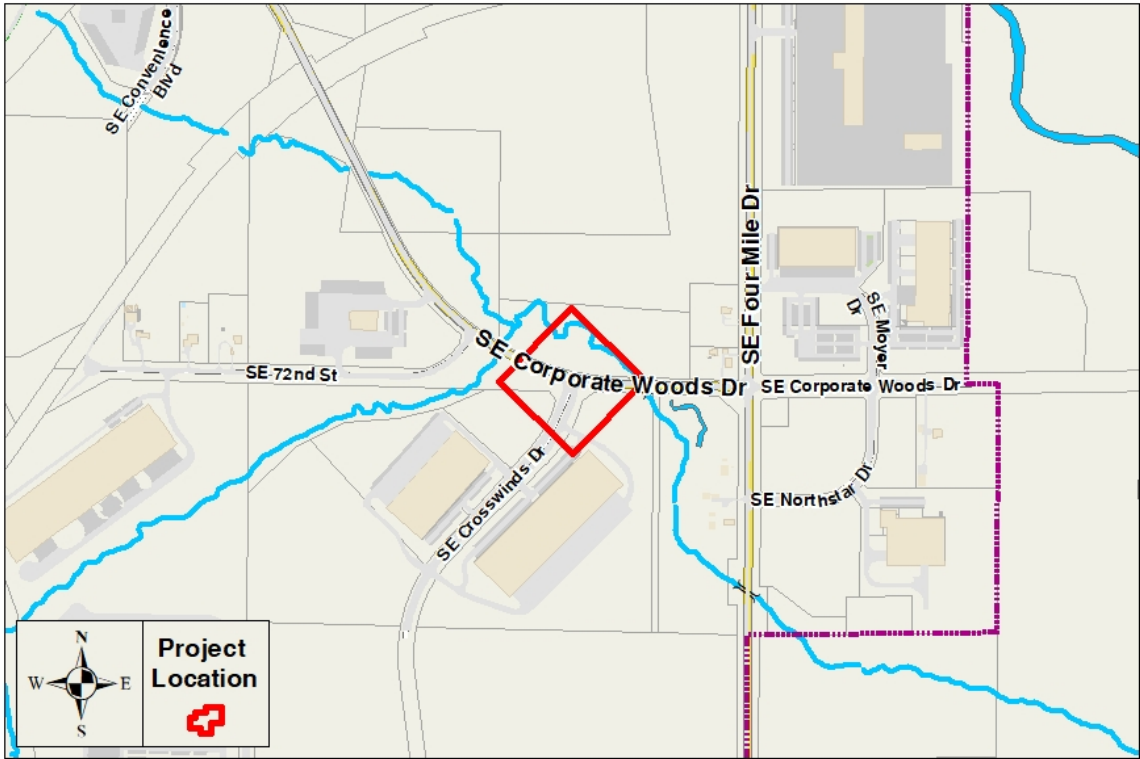
Budget Items	2024	2025	2026	2027	2028	Total
Utilities		300	300	300	300	1,200
Total		300	300	300	300	1,200

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Public Works
Contact City Engineer

Project #	TRF-23-002
Project Name	SE Corporate Woods and Crosswinds Traffic Signal



City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Type Improvement

Useful Life 40 years

Category Water Mains

Project # **WTM-00-001**

Project Name Annual Water Main Replacement Program

Description

Annual allocation of capital improvement funds for repair and replacement of water utility infrastructure and the Water Fund's portion of the neighborhood projects.

Specific projects for 2024 to 2028 include the following:

- Development water main oversizing: 2024 to 2028 – \$75,000
- 1/3 NW Northlawn Area Utility Improvements (2 of 4 phases remaining):
 - o2024 - \$600,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)
 - o2025 - \$650,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

- 1/3 Westlawn Place Area Utility Improvements (number of phases TBD, potentially 6 to 8):
o2024 - \$100,000 (stormwater study, survey, and preliminary conceptual design)
o2025 - \$50,000 (final conceptual design and Phase 1 design engineering)
o2026 - \$700,000 (Phase 1 construction) and \$25,000 (Phase 1 construction engineering) and \$25,000 (Phase 2 design engineering)
o2027 - \$750,000 (Phase 2 construction) and \$25,000 (Phase 2 construction engineering) and \$25,000 (Phase 3 design engineering)
o2028 - \$800,000 (Phase 3 construction) and \$25,000 (Phase 3 construction engineering) and \$25,000 (Phase 4 design engineering)

Justification

The water main proposed for replacement are primarily 4-inch iron pipe prioritized based upon their history of water main breaks. They are inadequate for supplying fire flows based on industry and SUDAS standards and require additional O&M to maintain water quality. Development Engineering staff will be used for the design and construction observation whenever possible; however, the full reconstruction and utility replacement projects (NW Northlawn and Westlawn Place projects) anticipate the use of a consulting engineer for design and construction management. The water main oversizing has increased due to the use of 16-inch main that will be cost shared for several upcoming projects along major corridors.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	25,000	50,000	25,000	25,000	25,000	150,000
Engineering-Construction Services	25,000	25,000	25,000	25,000	25,000	125,000
Construction Costs	675,000	725,000	775,000	825,000	875,000	3,875,000
Survey/Preliminary Analysis	100,000					100,000
Total	825,000	800,000	825,000	875,000	925,000	4,250,000

Funding Sources	2024	2025	2026	2027	2028	Total
Capital Project Fund	125,000	75,000	75,000	100,000	125,000	500,000
Water Fund	700,000	725,000	750,000	775,000	800,000	3,750,000
Total	825,000	800,000	825,000	875,000	925,000	4,250,000

Budget Impact/Other

The operating impact for this project will be negligible from the maintenance aspect due to the replacement of old and deteriorating water main with new PVC main. There will be staff hours during design and engineering for administration personnel, and field services personnel during construction. Researching old plans, field verifications, contract and plan reviews, operating valves, locating, and on-site observations. Water will be needed for testing, flushing, and filling the various mains.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities	400	400	400	400	400	2,000
Total	400	400	400	400	400	2,000

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # WTM-00-001

Project Name Annual Water Main Replacement Program



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2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

2024 thru 2028

Department Water Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Water Mains

Project #	WTM-17-008
Project Name	Saylorville Feeder Main Purchase Capacity

Description
Purchase the remaining capacity in the Saylorville Water Treatment Plant north feeder main, which is an existing 24-inch transmission main that extends north along NW 26th Street from NW 66th Avenue through our meter pit to SW Oralabor Road. Des Moines Water Works (DMWW) has extended a new 20-inch water main to provide water to Polk City allowing all of the 24-inch main to be used to supply water to the City of Ankeny.

Justification
The purpose of this purchase is to provide additional transmission pipe capacity to support future water needs in Ankeny.

Expenditures	2024	2025	2026	2027	2028	Total
Other Costs	604,000					604,000
Total	604,000					604,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	604,000					604,000
Total	604,000					604,000

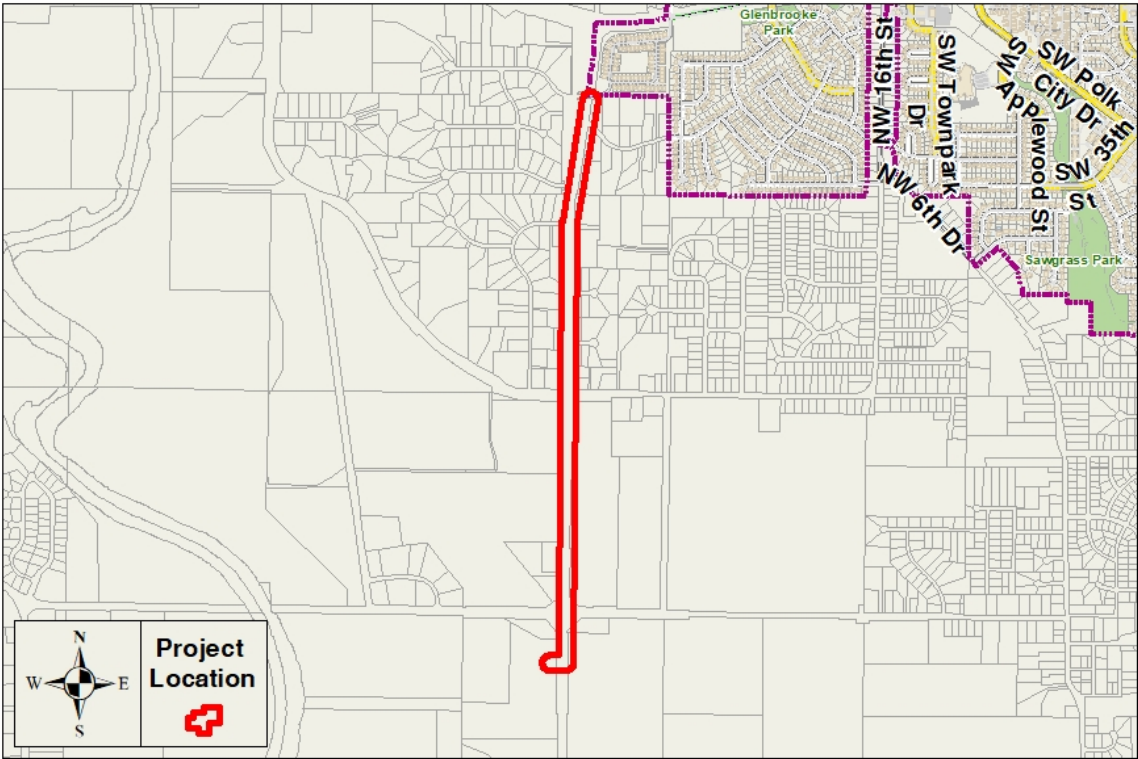
Budget Impact/Other
Additional source capacity for future growth and water demands. Since the City is purchasing the remaining capacity within the existing 24-inch water main, there are no expected costs from an operational impact.

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-17-008
Project Name	Saylorville Feeder Main Purchase Capacity



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-19-001
Project Name	South Ankeny Boulevard Water Main Improvements

Description

Install approximately 1,850 LF of 16" water main extension along the west side of South Ankeny Boulevard from just north of SW Ordinance Road to SE Peterson Street. This project will provide increased reliability within the transmission/distribution system within this area of the City. The project will utilize both open-cut and trenchless construction, in order to minimize disruption to the existing businesses along South Ankeny Boulevard.

Justification

Existing waterlines within the subject area have experienced frequent breaks due to age and are undersized. Construction of this transmission main will help maintain system pressure and reduce maintenance issues within the service area and provide a more reliable water source to area residents.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design			128,000			128,000
Engineering-Construction Services				100,000		100,000
Construction Costs				1,072,000		1,072,000
Total			128,000	1,172,000		1,300,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds			128,000	1,172,000		1,300,000
Total			128,000	1,172,000		1,300,000

Budget Impact/Other

This project can reduce the frequency of maintenance of the pumps at the Magazine Pump Station as they will not have to work as hard to get water into our distribution system. Less friction loss in larger diameter pipes means pumps will not have to work at higher internal pressures, reducing wear and tear and possibly lowering electrical costs due to lower amp draw. It will take about 197,500 gallons to fill and flush the new main.

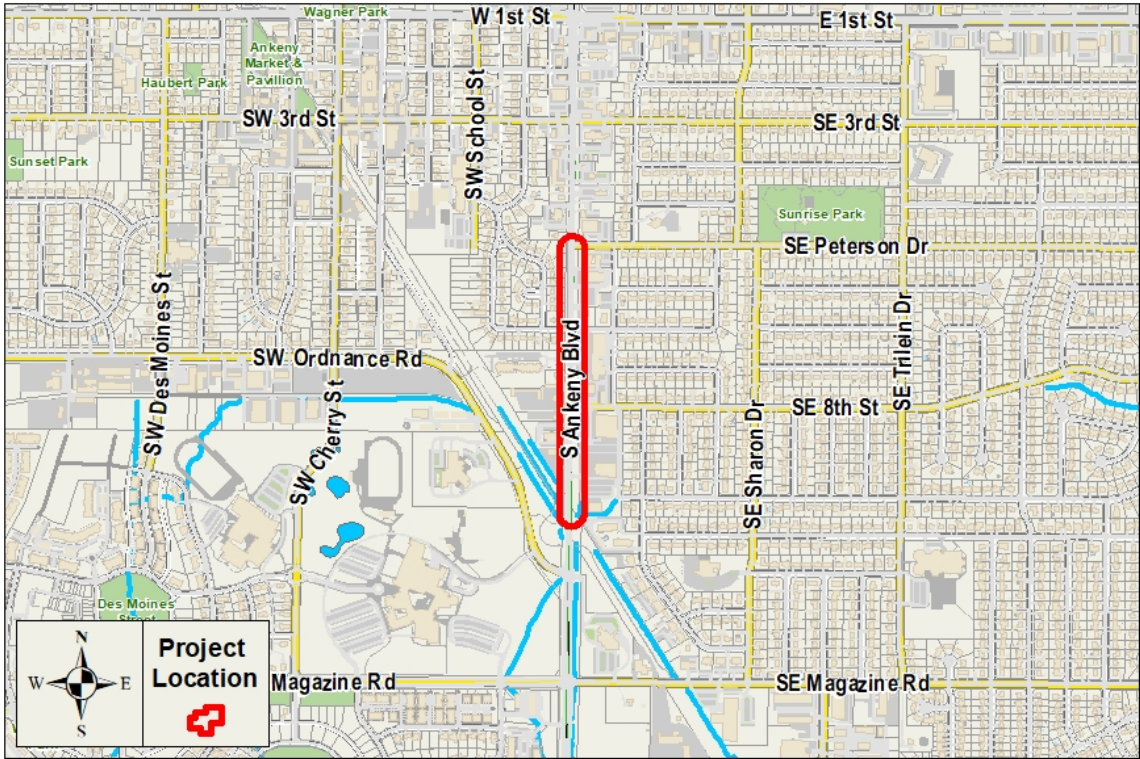
Budget Items	2024	2025	2026	2027	2028	Total
Utilities				980		980
Total				980		980

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-19-001
Project Name	South Ankeny Boulevard Water Main Improvements



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-20-002
Project Name	SW Walnut Street and SW Ordnance Road Water Main

Description

Install approximately 3,600 LF of 8" water main along the west side of SW Walnut Street from SW 3rd Street to the north side of SW Ordnance Road, and along SW Ordnance Road from SW Cherry Street to an existing main adjacent to the police station. The project will provide increased reliability of the distribution system within this area, as the main will be upsized from 4" to 8". The project will utilize open cut construction, and a temporary water supply system will be utilized to keep the existing homes within the area in service.

Justification

The existing 4" water main within the area is undersized by current standards. Installation of the larger water main, along with connection to surrounding main(s) provides a reliable looped system and helps to maintain better distribution system pressures and fire flows within the area. This project will be coupled with a parking improvement project within the Uptown area which includes improvements along SW Walnut Street. The cost for these improvements is estimated at \$320,000.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design	295,000					295,000
Engineering-Construction Services		196,000				196,000
Construction Costs		1,984,000				1,984,000
Total	295,000	2,180,000				2,475,000

Funding Sources	2024	2025	2026	2027	2028	Total
G.O. Bonds - TIF Abated		320,000				320,000
Water Revenue Bonds	295,000	1,860,000				2,155,000
Total	295,000	2,180,000				2,475,000

Budget Impact/Other

The operating impact will have negligible cost implications as it will primarily help the fire flows in the area. It will take about 56,500 gallons to fill and flush the new main.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities			255			255
Total			255			255

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-20-002
Project Name	SW Walnut Street and SW Ordnance Road Water Main



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Mains

Project #	WTM-21-009
Project Name	NE 36th St and NE 38th St Water Main Loop

Description
The NE 36th Street and County NE 38th Street Water Main Loop project will include installation of approximately 11,500 LF of 16-inch water main on the south side of NE 36th Street and the west side of County NE 38th Street to create a loop between the 16-inch water main that ends north of NE 18th Street along County NE 38th Street and the 16-inch water main along NE 36th Street.

Justification
This project will connect the 16-inch distribution main near the intersection of NE 36th Street and NE Four Mile Drive to the 16-inch distribution main near the intersection of NE 18th Street and County NE 38th Street. This will improve fire flows and provide a redundant water main connection that will allow future repairs to be done with minimal impact to the surrounding properties.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	200,000					200,000
Construction Costs	2,000,000					2,000,000
Land/ROW Acquisition	100,000					100,000
Total	2,300,000					2,300,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	2,300,000					2,300,000
Total	2,300,000					2,300,000

Budget Impact/Other
It will require about 720,000 gallons of water to fill and flush the new main.

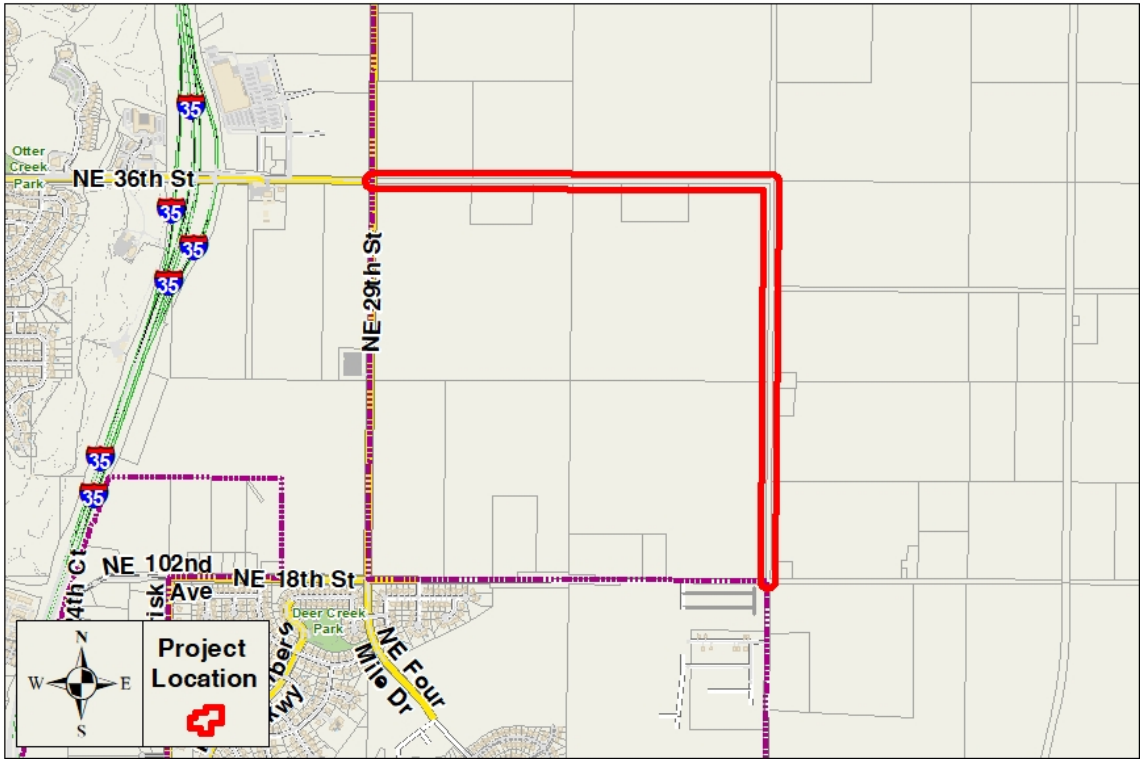
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	2,700					2,700
Total	2,700					2,700

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTM-21-009
Project Name	NE 36th St and NE 38th St Water Main Loop



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Water Mains

Project #	WTM-24-001
Project Name	SW Linden and SW Sharmin Water Main Improvements

Description
Install approximately 1,300 LF of 8" water main between SW Linden Street and SW Sharmin Drive, located north of SW 3rd Street. By upsizing from 6" to 8" diameter pipe, the installation of this water main will provide increased reliability for the distribution system within this area. The project will utilize both open-cut and trenchless construction methods, and will require reconnection of approximately 15 existing services. Construction for this project will be in 2029. It will have a cost of \$50,000 for engineering and \$515,000 for construction for a total of \$565,000.

Justification
The existing 6" water main within the area is undersized by current standards. Installation of the larger water main, along with connection to surrounding main(s) provides a reliable looped system and helps to maintain better distribution system pressures and fire flows within the area. This existing water main has experienced frequent breaks due to age, and portions of the landscape in this section make it difficult to find the break.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design					60,000	60,000
Total					60,000	60,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds					60,000	60,000
Total					60,000	60,000

Budget Impact/Other
The operating impact will have negligible cost implications as it will primarily help the fire flows in the area. It will take about 21,000 gallons to fill and flush the new main.

City of Ankeny, Iowa

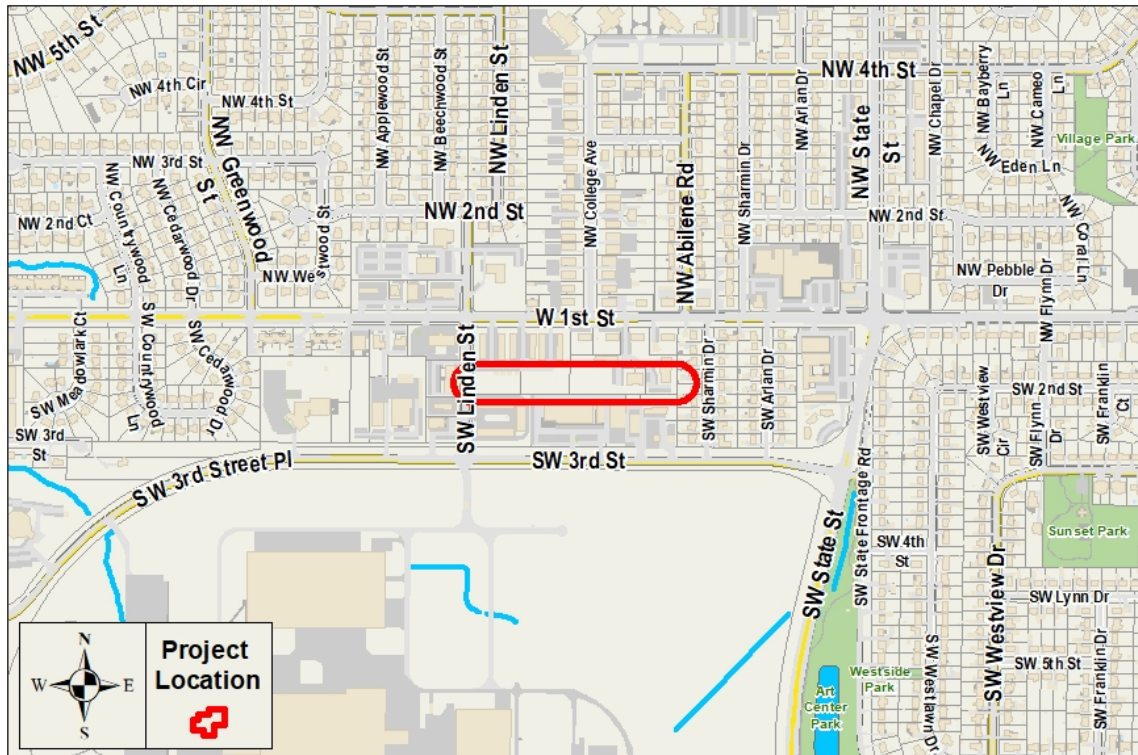
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # **WTM-24-001**

Project Name SW Linden and SW Sharmin Water Main Improvements



2024 - 2028 Capital Improvement Program

2024 *thru* 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Towers/Storage

Project #	WTT-19-002
Project Name	Northwest Water Tower

Description
Construct a new 2.5 million gallon elevated water storage tank in the NW quadrant of the City to provide additional water storage and more reliable water pressure and flow to the NW quadrant of the City.

Justification
The site for this future water tower, located just north of NW 36th Street on the east side of NW Irvinedale Drive, was selected and purchased in 2018.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction	940,000					940,000
Services						
Construction Costs	10,355,000					10,355,000
Total	11,295,000					11,295,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	11,295,000					11,295,000
Total	11,295,000					11,295,000

Budget Impact/Other
This project will provide some savings in electricity and maintenance of the pumps at the NW Booster Station as they will not need to work as hard to maintain pressure within the northwest portion of the City as the tower will reduce fluctuation in pressure based on the elevation of the water in the tank versus the continuous change in pressure from the pumps. Filling and flushing of mains and the new NW Water Tower would take approximately 5,000,000 gallons of water.

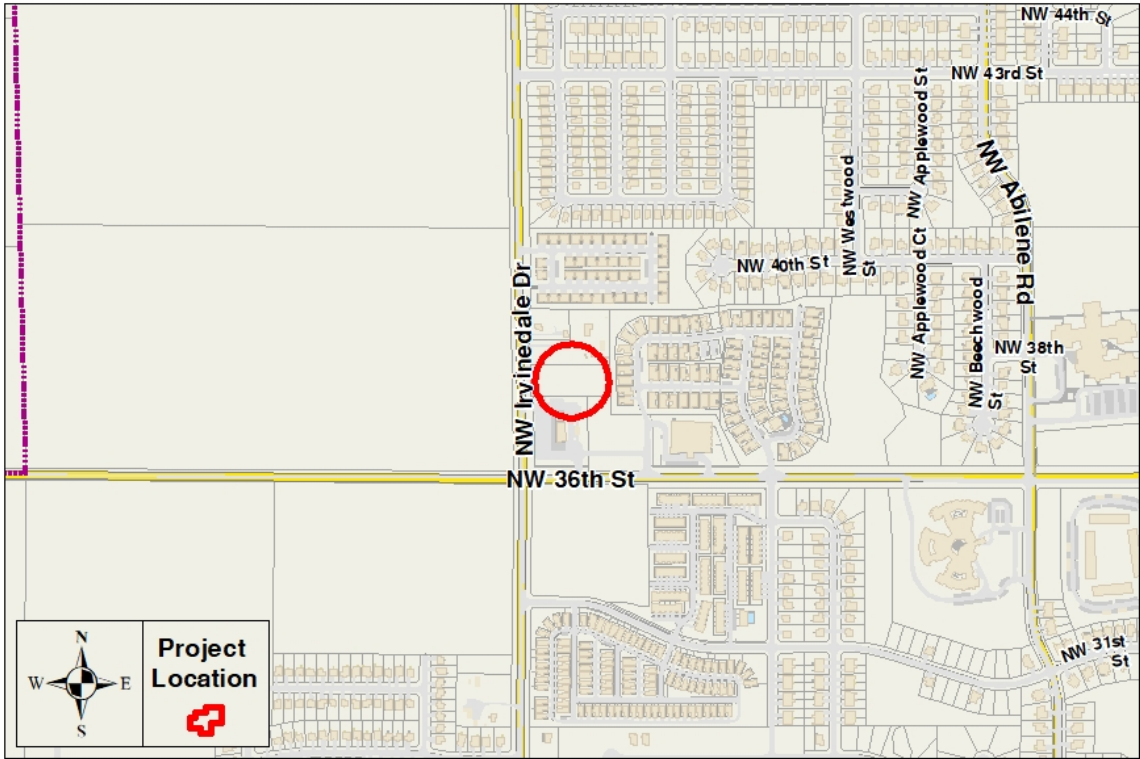
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	18,800					18,800
Total	18,800					18,800

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTT-19-002
Project Name	Northwest Water Tower



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Maintenance
Useful Life 20 years
Category Water Towers/Storage

Project #	WTT-20-002
Project Name	SE Magazine Ground Storage Tank Repaint

Description

This project is to repaint the interior and exterior of the SE Magazine Ground Storage Tank. The existing paint is starting to show signs of wear as the usefulness of the existing coating is breaking down. Typically, painted surfaces can last in the 15-20 year range. This ground storage tank was last painted around the year 2002.

Justification

This project is needed to maintain the ability to provide safe and potable drinking water to Ankeny residents. Dixon Engineering completed a review of the City's existing water storage infrastructure and made recommendations to recoat both the interior and exterior of the SE Magazine Ground Storage Tank. This tank is showing signs of streaking and spotting rust in areas on both surfaces. A dry abrasive blast cleaning will be required to remove the existing coatings; overcoating is not recommended due to the age of the existing coatings.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Construction Services	80,000					80,000
Construction Costs	646,000					646,000
Total	726,000					726,000

Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds	726,000					726,000
Total	726,000					726,000

Budget Impact/Other

The operating impact will include approximately 300,000 gallons to flush out the existing tank.

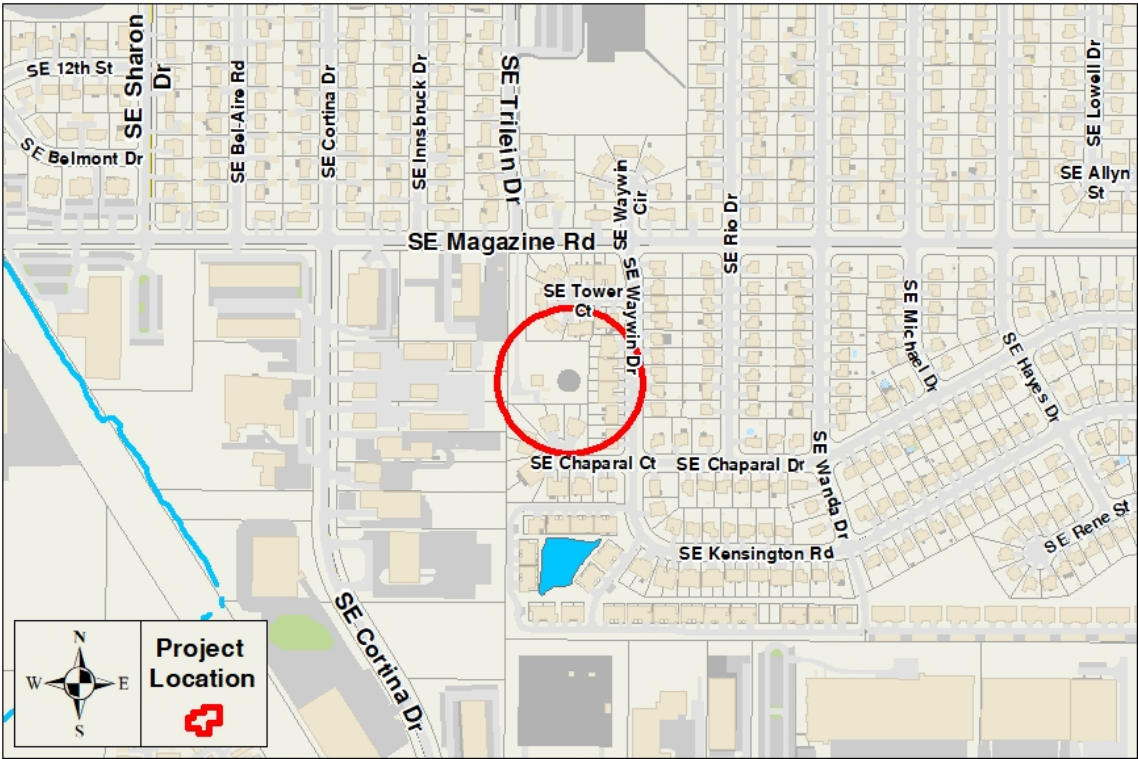
Budget Items	2024	2025	2026	2027	2028	Total
Utilities	1,150					1,150
Total	1,150					1,150

2024 - 2028 Capital Improvement Program
City of Ankeny, Iowa

2024 *thru* 2028

Department Water Utility
Contact Municipal Utilities Director

Project #	WTT-20-002
Project Name	SE Magazine Ground Storage Tank Repaint



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department	Water Utility
Contact	Municipal Utilities Director
Type	Improvement
Useful Life	20 years
Category	Water Towers/Storage

Project #	WTT-23-001
Project Name	SW Irvinedale Elevated Storage Tank Repaint

Description

This project is to repaint the interior and exterior of the SW Irvinedale Elevated Storage Tank. The existing paint is starting to show signs of wear as the usefulness of the existing coating is breaking down. Typically, painted surfaces can last in the 15-20 year range. With the exception of interior spot repairs in 2020, this tower has not been repainted since it was installed in 2009.

Justification

This project is needed to maintain the ability to provide safe and potable drinking water to Ankeny residents. The existing the paint has some spot failures, showing signs of streaking and spotting rust on both surfaces, and the exterior topcoat shows signs of delamination. To overcoat this facility, it would require a brush blast to rough up the existing surface to allow for a better bonding of new coating to existing coating.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design				90,000		90,000
Engineering-Construction Services					77,000	77,000
Construction Costs					1,110,000	1,110,000
Total				90,000	1,187,000	1,277,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Fund				90,000		90,000
Water Revenue Bonds					1,187,000	1,187,000
Total				90,000	1,187,000	1,277,000

Budget Impact/Other

The operating impact will include approximately 1,500,000 gallons to flush out the existing tank.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities					8,200	8,200
Total					8,200	8,200

2024 - 2028 Capital Improvement Program

City of Ankeny, Iowa

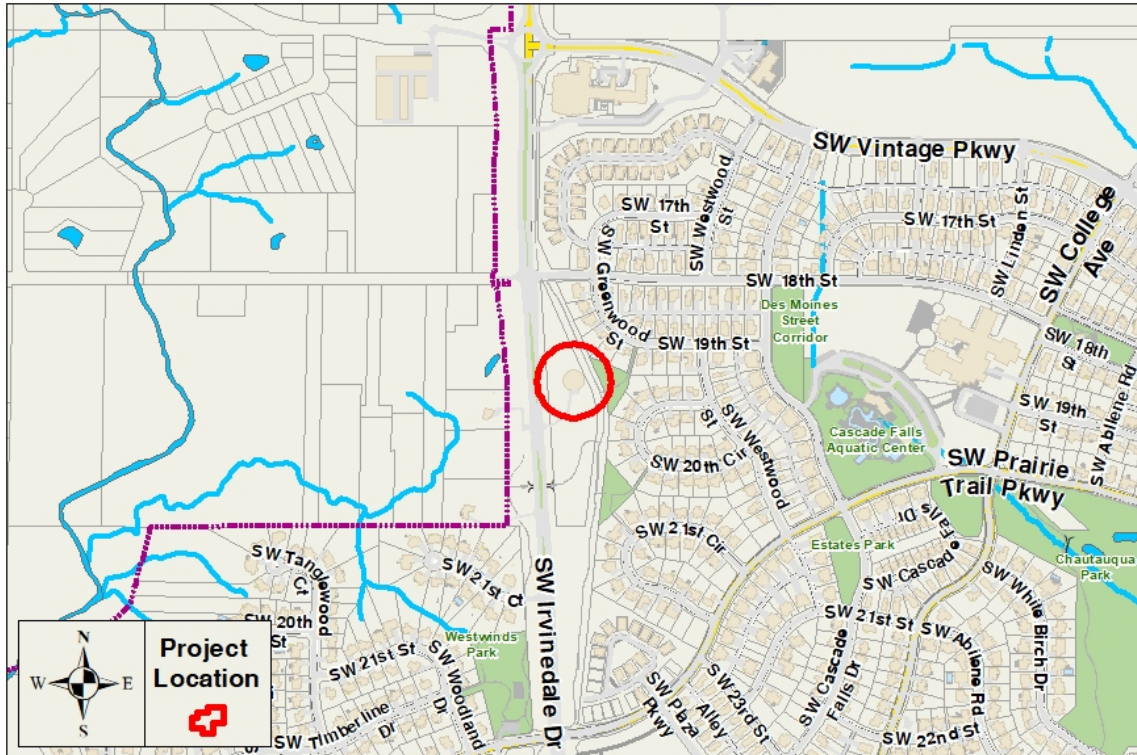
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # WTT-23-001

Project Name SW Irvinedale Elevated Storage Tank Repaint



2024 - 2028 Capital Improvement Program

2024 thru 2028

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type New Construction
Useful Life 40 years
Category Water Towers/Storage

Project #	WTT-24-001
Project Name	East Water Tower

Description

Construct a new 2 million gallon elevated water storage tank to provide additional water storage and more reliable water pressure and flow to the eastern part of the City.

Justification

The proposed site is located near East 1st Street and County NE 38th Street. The property has not been purchased, so the exact location is yet to be determined. The tower is needed to provide reliable water pressure and flow for the surrounding areas.

Expenditures	2024	2025	2026	2027	2028	Total
Engineering-Design		400,000				400,000
Engineering-Construction Services			400,000			400,000
Construction Costs			10,000,000			10,000,000
Total		400,000	10,400,000			10,800,000
Funding Sources	2024	2025	2026	2027	2028	Total
Water Revenue Bonds		400,000	10,400,000			10,800,000
Total		400,000	10,400,000			10,800,000

Budget Impact/Other

The design phase would require approximately 100 hours of staff time for review. Field staff will be needed toward the completion of construction with the filling and flushing of mains and the new East Water Tower. Filling and flushing of mains and the tower would take approximately 4,000,000 gallons of water.

Budget Items	2024	2025	2026	2027	2028	Total
Utilities				19,840		19,840
Total				19,840		19,840

City of Ankeny, Iowa

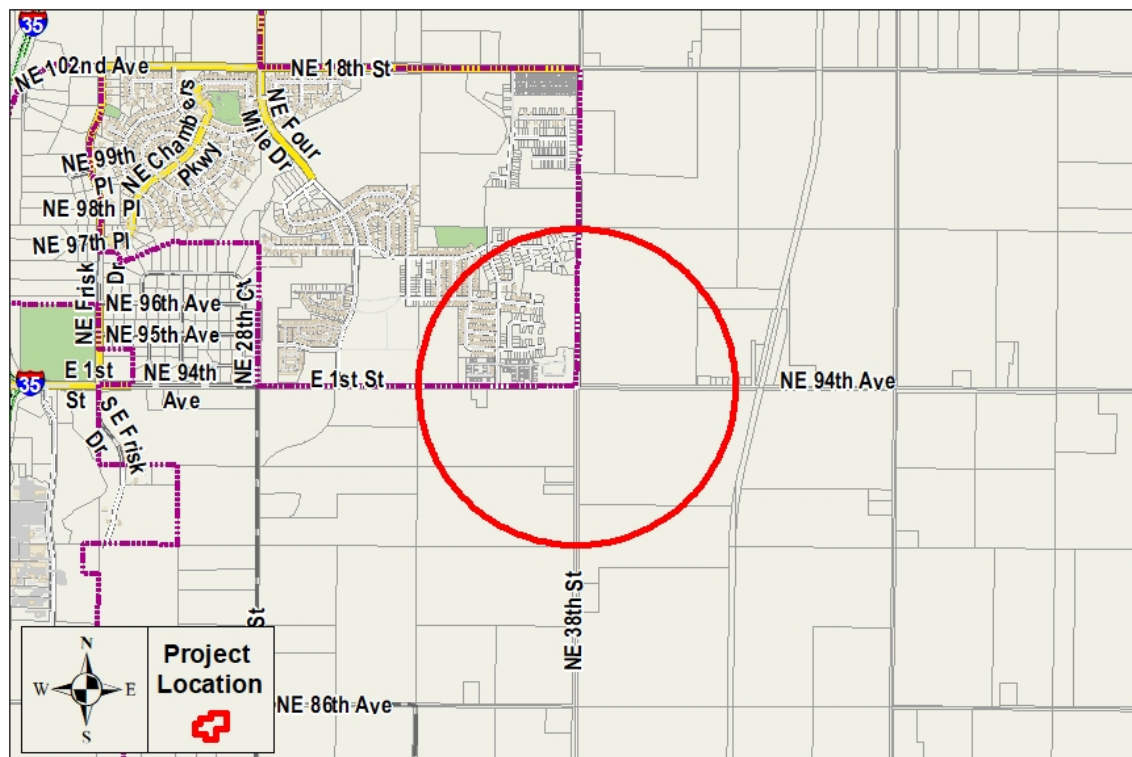
2024 *thru* 2028

Department Water Utility

Contact Municipal Utilities Director

Project # **WTT-24-001**

Project Name East Water Tower





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ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

City Manager
City Attorney

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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No Attachments Available



ANKENY CITY COUNCIL

City Council Agenda

December 18, 2023
5 : 30 PM

Mark Holm, Mayor
Bobbi Bentz, Mayor Pro tem

Council Members: Jeff Perry, Joe Ruddy, Todd Shafer, Kelly Stearns



ORIGINATING DEPARTMENT:
City Clerk

COUNCIL GOAL:

ACTION REQUESTED:

LEGAL:

SUBJECT:

- *Public Hearing - Amendment to Current City Budget - FY 7/1/23 - 6/30/24 - 1/2/24 @ 5:30 p.m.*
- *Public Hearing - 2024 PCC Reconstruction Program - NW Westwood St - 1/16/24 @ 5:30 p.m.*
- *Council Action Planning Session - Department Budget Presentations - 1/19/24 @ 8:30 a.m.*
- *Regular City Council Meeting - 2/5/24 @ 5:30 p.m.*

EXECUTIVE SUMMARY:

FISCAL IMPACT: **No**

CITY MANAGER'S RECOMMENDATIONS:

PREVIOUS COUNCIL/COMMISSION/BOARD ACTION(S):

PUBLIC OUTREACH EFFORTS:

ACTION REQUESTED:

ADDITIONAL INFORMATION:

ATTACHMENTS:

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No Attachments Available