



ANKENY CITY COUNCIL

Council Action Planning Session Monday, November 11, 2024 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

All City Council meetings are open to the public. Assistive Listening Devices (ALD) are available for persons with impaired hearing. To request information in an alternative format or request an accommodation to participate in a City Council meeting, contact the Office of the City Clerk at 965-6405. 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

A. DISCUSSION OF ELECTED OFFICIAL VACANCY – MAYOR, TERM ENDING DECEMBER 31, 2025

B. 2025-2029 CAPITAL IMPROVEMENT PROGRAM: PROJECT AND FINANCING DISCUSSION

1. Parks & Recreation and Public Works

C. ADJOURNMENT

No official action will take place during this planning session.

2025 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2025	Debt Service Levy	Storm Water	Tax Increment Financing	Referendum	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 800,000	\$ 700,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	460,000	260,000									200,000		
Annual PCC Street Patching Program	STR-00-001	1,700,000	1,700,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	450,000	450,000											
Annual Pavement Preservation Program	STR-00-003	600,000	600,000											
Annual Street Replacement Program	STR-00-004	2,300,000	1,500,000							800,000				
Annual Traffic Signal Improvement Program	TRF-00-001	1,150,000	1,065,000						85,000					
Public Works Satellite Salt Storage Facility	BLD-21-002	90,000								90,000				
City Facility Parking Lot Improvements	BLD-25-001	150,000											150,000	
High Trestle Trail Experience Park	PRK-22-005	200,000							100,000		100,000			
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000	150,000											
Prairie Ridge Sports Complex Softball Batting Cage Replacement	PRK-24-004	246,000									133,500			112,500
High Trestle Trail Overlay - East 1st Street to NW 18th Street	SDW-25-002	160,000								160,000				
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	250,000								250,000				
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	4,650,000	4,650,000											
South Ankeny Boulevard and SE Oralabor Road Intersection Improvements	STR-21-005	150,000								150,000				
West 1st Street Widening and Improvements - Phase 2	STR-22-003	775,000								775,000				
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	200,000	200,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	2,303,000	1,653,000	490,000						160,000				
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	175,000	175,000											
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	400,000	400,000											
SE Creekview Drive Extension	STR-24-003	1,870,000							767,640					1,102,360
Interstate 35 and NE 36th Street Interchange Improvements	STR-25-001	450,000			450,000									
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000											
Fiber Optic Network Upgrade	TRF-23-001	890,000	890,000											
Uptown Lighting Fixture Upgrades	TRF-25-001	115,000			115,000									
SW Magazine Road and SW District Drive Traffic Signal	TRF-25-002	60,000	60,000											
		\$ 22,244,000	\$15,953,000	\$ 490,000	\$ 565,000	\$ -	\$ -	\$ -	\$ 952,640	\$ 2,485,000	\$ 233,500	\$ 200,000	\$ 150,000	\$ 1,214,860

2026 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2026	Debt Service Levy	Storm Water	Tax Increment Financing	Referendum	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 825,000	\$ 725,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	600,000	400,000									200,000		
Annual PCC Street Patching Program	STR-00-001	2,550,000	2,550,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	475,000	475,000											
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	1,140,000	1,140,000											
Public Works Satellite Salt Storage Facility	BLD-21-002	800,000										800,000		
Public Works Maintenance Facility Expansion	BLD-24-003	1,000,000											1,000,000	
City Facility Parking Lot Improvements	BLD-25-001	150,000											150,000	
NE 18th Street Bridge over Interstate 35	BRG-22-002	700,000			700,000									
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	150,000			150,000									
Prairie Ridge Sports Complex Baseball Infield Reconstruction	PRK-25-003	306,000									306,000			
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 Intersection Improvements	STR-21-005	275,000								275,000				
West 1st Street Widening and Improvements - Phase 2	STR-22-003	4,615,000			2,846,000				1,500,000	269,000				
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	350,000	350,000											
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	1,558,955	1,558,955											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	2,500,000	500,000				1,000,000			1,000,000				
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	3,420,000	3,420,000											
Interstate 35 and NE 36th Street Interchange Improvements	STR-25-001	4,100,000			4,100,000									
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000											
Fiber Optic Network Upgrade	TRF-23-001	700,000	700,000											
SW Magazine Road and SW District Drive Traffic Signal	TRF-25-002	635,000	545,000											90,000
		\$ 31,649,955	\$ 16,463,955	\$ -	\$ 7,796,000	\$ -	\$ 1,000,000	\$ -	\$ 1,500,000	\$ 2,144,000	\$ 306,000	\$ 1,000,000	\$ 1,150,000	\$ 290,000

2027 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2027	Debt Service Levy	Storm Water	Tax Increment Financing	Referendum	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 850,000	\$ 750,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	600,000	400,000									200,000		
Annual PCC Street Patching Program	STR-00-001	2,225,000	2,225,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	500,000	500,000											
Annual Pavement Preservation Program	STR-00-003	850,000	850,000											
Annual Street Replacement Program	STR-00-004	1,600,000	1,600,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,690,000	1,690,000											
Public Works Maintenance Facility Expansion	BLD-24-003	17,225,000				8,724,438	2,902,881			5,597,681				
City Facility Parking Lot Improvements	BLD-25-001	150,000											150,000	
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	50,000	50,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	700,000			700,000									
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	1,300,000			1,300,000									
High Trestle Trail Experience Park	PRK-22-005	800,000							400,000		400,000			
Prairie Ridge Sports Complex Baseball Infield Reconstruction	PRK-25-003	281,000									281,000			
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	4,725,000			3,525,000				1,200,000					
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	700,000												700,000
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 Intersection Improvements	STR-21-005	400,000			400,000									
West 1st Street Widening and Improvements - Phase 2	STR-22-003	5,335,000			3,588,500				1,746,500					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	5,100,000	5,100,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	1,725,000	1,725,000											
SE Delaware Avenue Capacity Improvements	STR-25-002	100,000	100,000											
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000											
Adaptive Traffic Signal Control Systems	TRF-25-003	25,000	25,000											
		\$ 48,681,000	\$ 16,765,000	\$ -	\$ 9,513,500	\$ 8,724,438	\$ 2,902,881	\$ -	\$ 3,346,500	\$ 5,697,681	\$ 681,000	\$ 200,000	\$ 150,000	\$ 700,000

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	Referendum	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 875,000	\$ 775,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	600,000	400,000									200,000		
Annual PCC Street Patching Program	STR-00-001	2,425,000	2,425,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	500,000	500,000											
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	1,690,000	1,690,000											
Public Works Maintenance Facility Expansion	BLD-24-003	6,249,000				3,165,111	1,053,127			2,030,762				
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	350,000	350,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	2,525,000			2,275,000				250,000					
SE Four Mile Drive RCB Culvert for Four Mile Creek Tributary	BRG-25-001	77,500	77,500											
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	7,325,000	6,500,000											825,000
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 Intersection Improvements	STR-21-005	4,050,000			2,050,000				2,000,000					
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	100,000	100,000											
South Ankeny Boulevard Improvements - SE Peterson Drive to 1st Street	STR-23-005	375,000	375,000											
SE Delaware Avenue Capacity Improvements	STR-25-002	300,000	300,000											
NW State Street Widening and Pavement Rehabilitation - West 1st Street to NW 18th Street	STR-25-003	350,000	350,000											
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000											
Adaptive Traffic Signal Control Systems	TRF-25-003	500,000	100,000						400,000					
		\$ 33,491,500	\$ 19,142,500	\$ -	\$ 4,325,000	\$ 3,165,111	\$ 1,053,127	\$ -	\$ 2,650,000	\$ 2,130,762	\$ -	\$ 200,000	\$ -	\$ 825,000

2029 CIP Projects by Funding Source

			General Obligation Bonds				Revenue Bonds		Miscellaneous					
Project	Project #	2029	Debt Service Levy	Storm Water	Tax Increment Financing	Referendum	Water	Sewer	Grant	Cash	Hotel/Motel Tax	Road Use Tax	Capital Reserve	Other
Annual Park Development Program	PRK-00-002	\$ 900,000	\$ 800,000							\$ 100,000				
Annual Sidewalk/Trail Construction Program	SDW-00-001	600,000	400,000									200,000		
Annual PCC Street Patching Program	STR-00-001	2,500,000	2,500,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	500,000	500,000											
Annual Pavement Preservation Program	STR-00-003	950,000	950,000											
Annual Street Replacement Program	STR-00-004	2,000,000	2,000,000											
Annual Traffic Signal Improvement Program	TRF-00-001	1,690,000	1,690,000											
NE 18th Street Bridge over Interstate 35	BRG-22-002	6,425,000			6,425,000									
SE Four Mile Drive RCB Culvert for Four Mile Creek Tributary	BRG-25-001	575,000	575,000											
Ladder Truck Replacement	OEC-23-001	2,400,000	2,400,000											
High Trestle Trail Experience Park	PRK-22-005	1,000,000							500,000		500,000			
NW 36th Street Reconstruction - NW Irvinedale Drive to NW Abilene Road	STR-18-003	125,000	125,000											
NW 18th Street Extension - NW Spruce Drive to Iowa Highway 415	STR-18-004	3,287,500	3,287,500											
South Ankeny Boulevard and SE Oralabor Road Intersection Improvements	STR-21-005	4,050,000			2,330,000				1,720,000					
NE Delaware Avenue Reconstruction - Four Mile Creek to NE 36th Street	STR-23-002	500,000	500,000											
SE Delaware Avenue Capacity Improvements	STR-25-002	425,000	425,000											
NW State Street Widening and Pavement Rehabilitation - West 1st Street to NW 18th Street	STR-25-003	500,000	500,000											
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000											
SE Four Mile Drive Corridor Traffic Study	TRF-25-004	175,000	175,000											
		\$ 30,102,500	\$18,327,500	\$ -	\$ 8,755,000	\$ -	\$ -	\$ -	\$ 2,220,000	\$ 100,000	\$ 500,000	\$ 200,000	\$ -	\$ -

<u>Annual Park Development Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ 116,941	\$ 181,442	\$ 181,442	\$ 181,442	\$ 181,442	\$ 181,442
Transfers In						
General Obligation Bonds	\$ 720,000	\$ 700,000	\$ 725,000	\$ 750,000	\$ 775,000	\$ 800,000
Park Dedication Fund	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Memorial and Tribute Program	\$ 7,700					
Total Transfers In	\$ 827,700	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000
Project Expenditures						
Memorial and Tribute Program	\$ 10,321					
Bellagio Park Development (Playground, Trail Connection and Shelter)	\$ 3,850					
Aspen Ridge Park Development (Trail Connection and Turf Improvements)	\$ 30,271					
Creekside Park Development (Playground and Shelter)	\$ 39,620					
Watercrest Park Expansion (Splash Pad, Shelter, Trail Loop, Parking Lot and Landscaping)	\$ 679,137					
Trestle Ridge Park Development (Playground, Shelter, High Trestle Trail Connection, Parking Lot and Landscaping)		\$ 800,000				
Crossings at Deer Creek Park Development (Playground, Shelter, Trail Loop, Parking Lot and Landscaping)			\$ 825,000			
Kimberley Crossing Park Development (Playground, Shelter, Trail Loop, Parking Lot and Landscaping)				\$ 850,000		
Other Projects TBD (based on park dedication, development funding and pace of development)					\$ 875,000	\$ 900,000
Total Project Expenditures	\$ 763,199	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000
Remaining Cash Balance	\$ 181,442	\$ 181,442	\$ 181,442	\$ 181,442	\$ 181,442	\$ 181,442

<u>Annual Sidewalk/Trail Construction Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ (17,094)	\$ 33,957	\$ 33,957	\$ 33,957	\$ 33,957	\$ 33,957
<u>Transfers In</u>						
General Obligation Bonds	\$ 225,000	\$ 260,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
Road Use Tax Fund	\$ 350,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
Total Transfers In	\$ 575,000	\$ 460,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
<u>Project Expenditures</u>						
2024 Pedestrian Ramp Improvements - NE 18th Street	\$ 168,405					
2024 Pedestrian Ramp Improvements - Northbrook	\$ 175,890					
2024 Sidewalk Gaps and Sidewalk and Trail Panel Replacements	\$ 129,654					
Development Sidewalk Oversizing	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Pedestrian Ramp Improvements for ADA Compliance		\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
Sidewalk Gaps along City Property and Sidewalk and Trail Panel Replacements			\$ 140,000	\$ 140,000	\$ 140,000	\$ 140,000
Total Project Expenditures	\$ 523,949	\$ 460,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000
Remaining Cash Balance	\$ 33,957	\$ 33,957	\$ 33,957	\$ 33,957	\$ 33,957	\$ 33,957

<u>Annual PCC Street Patching Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ 537,959	\$ 429,612	\$ 429,612	\$ 429,612	\$ 429,612	\$ 429,612
Transfers In						
General Obligation Bonds	\$ 1,650,000	\$ 1,700,000	\$ 2,550,000	\$ 2,225,000	\$ 2,425,000	\$ 2,500,000
Total Transfers In	\$ 1,650,000	\$ 1,700,000	\$ 2,550,000	\$ 2,225,000	\$ 2,425,000	\$ 2,500,000
Project Expenditures						
2024 Permanent Surface Restoration	\$ 34,372					
NW Northlawn Area Utility Improvements	\$ 778,360	\$ 525,000				
Westlawn Place Area Utility Improvements	\$ 151,924	\$ 225,000	\$ 1,550,000	\$ 1,175,000	\$ 1,325,000	\$ 1,350,000
Full-Depth Street Patches and Intake Replacements	\$ 793,691	\$ 950,000	\$ 1,000,000	\$ 1,050,000	\$ 1,100,000	\$ 1,150,000
Total Project Expenditures	\$ 1,758,347	\$ 1,700,000	\$ 2,550,000	\$ 2,225,000	\$ 2,425,000	\$ 2,500,000
Remaining Cash Balance	<u>\$ 429,612</u>	<u>\$ 429,612</u>	<u>\$ 429,612</u>	<u>\$ 429,612</u>	<u>\$ 429,612</u>	<u>\$ 429,612</u>

<u>Annual Asphalt Street Resurfacing Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ 325,023	\$ 246,530	\$ 246,530	\$ 246,530	\$ 246,530	\$ 246,530
<u>Transfers In</u>						
General Obligation Bonds	\$ 375,000	\$ 450,000	\$ 475,000	\$ 500,000	\$ 500,000	\$ 500,000
Total Transfers In	\$ 375,000	\$ 450,000	\$ 475,000	\$ 500,000	\$ 500,000	\$ 500,000
<u>Project Expenditures</u>						
SW Ordinance Road HMA Overlay - SW Westview Drive to SW Maple Street	\$ 310,973					
NE Frisk Drive HMA Overlay - East 1st Street to NE 18th Street (cost share with Polk County)	\$ 100,000					
Asphalt Street Repairs	\$ 42,000					
SW Ankeny Road Full Depth Patching and HMA Overlay - SW Westview Drive to SW Snyder Boulevard	\$ 520	\$ 375,000				
NE Four Mile Drive/County NE 29th Street HMA Overlay - NE 36th Street to NE 72nd Street (cost share with Polk County)		\$ 75,000				
SW Ankeny Road Full Depth Patching and HMA Overlay - SW Snyder Boulevard to SW School Lane			\$ 350,000			
SW Goodwin Street HMA Overlay of Existing Gravel Street			\$ 125,000			
Asphalt Street Resurfacing (TBD)				\$ 500,000	\$ 500,000	\$ 500,000
Total Project Expenditures	\$ 453,492	\$ 450,000	\$ 475,000	\$ 500,000	\$ 500,000	\$ 500,000
Remaining Cash Balance	\$ 246,530	\$ 246,530	\$ 246,530	\$ 246,530	\$ 246,530	\$ 246,530

<u>Annual Pavement Preservation Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ (75,110)	\$ 146,112	\$ 146,112	\$ 146,112	\$ 146,112	\$ 146,112
<u>Transfers In</u>						
General Obligation Bonds	\$ 700,000	\$ 600,000	\$ 800,000	\$ 850,000	\$ 900,000	\$ 950,000
Annual Street Replacement Program	\$ 300,000					
Total Transfers In	\$ 1,000,000	\$ 600,000	\$ 800,000	\$ 850,000	\$ 900,000	\$ 950,000
<u>Project Expenditures</u>						
2024 PCC Pavement Preservation Program - Crack and Joint Filling	\$ 499,099					
2024 PCC Pavement Preservation Program - SE Shurfine Drive	\$ 279,680					
Pavement Crack and Joint Preservation		\$ 600,000				
Partial Depth Repair Patching, Pavement Crack and Joint Preservation and Diamond Grinding			\$ 800,000	\$ 850,000	\$ 900,000	\$ 950,000
Total Project Expenditures	\$ 778,778	\$ 600,000	\$ 800,000	\$ 850,000	\$ 900,000	\$ 950,000
Remaining Cash Balance	\$ 146,112	\$ 146,112	\$ 146,112	\$ 146,112	\$ 146,112	\$ 146,112

<u>Annual Street Replacement Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ 692,219	\$ 937,957	\$ 487,957	\$ 487,957	\$ 487,957	\$ 487,957
<u>Transfers In</u>						
General Obligation Bonds	\$ 875,000	\$ 1,500,000	\$ 1,800,000	\$ 1,600,000	\$ 2,000,000	\$ 2,000,000
Road Use Tax Fund	\$ 1,000,000					
Annual Storm Water Replacement Program		\$ 350,000				
Total Transfers In	\$ 1,875,000	\$ 1,850,000	\$ 1,800,000	\$ 1,600,000	\$ 2,000,000	\$ 2,000,000
<u>Project Expenditures</u>						
SE Delaware Avenue Retaining Wall Repairs	\$ 6,998					
NW Ash Drive - Prairie Ridge Sports Complex South Access to NW 18th Street	\$ 681,031					
NW Westwood Street - NW 5th Street to NW 9th Street	\$ 566,233					
SW School Street and SW 16th Street and SW 18th Intersections (cost share)	\$ 75,000					
SE 8th Street - SE Sharon Drive to SE Trilein Drive		\$ 1,125,000				
NW 9th Street - NW School Street to NW Logan Street		\$ 1,175,000				
NE Trilein Drive - NE 3rd Street to NE 7th Street			\$ 900,000			
NE Chambers Parkway - NE Williamsburg Drive to NE 16th Street			\$ 900,000			
NE Trilein Drive - East 1st Street to NE 3rd Street				\$ 600,000		
NE Trilein Drive - NE Bristol Drive to NE Castleton Drive				\$ 1,000,000		
Street Replacement (TBD)					\$ 2,000,000	\$ 2,000,000
Total Project Expenditures	\$ 1,329,262	\$ 2,300,000	\$ 1,800,000	\$ 1,600,000	\$ 2,000,000	\$ 2,000,000
<u>Transfers Out</u>						
Annual Pavement Preservation Program	\$ 300,000					
Total Transfers Out	\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -
Remaining Cash Balance	\$ 937,957	\$ 487,957	\$ 487,957	\$ 487,957	\$ 487,957	\$ 487,957

<u>Annual Traffic Signal Improvement Program</u>	<u>Projected 2024</u>	<u>Projected 2025</u>	<u>Projected 2026</u>	<u>Projected 2027</u>	<u>Projected 2028</u>	<u>Projected 2029</u>
Beginning Cash Balance	\$ 1,226,677	\$ 367,438	\$ 367,438	\$ 367,438	\$ 367,438	\$ 367,438
<u>Transfers In</u>						
General Obligation Bonds	\$ 1,514,000	\$ 1,065,000	\$ 1,140,000	\$ 1,690,000	\$ 1,690,000	\$ 1,690,000
Developer Contributions	\$ 90,000					
Polk County		\$ 85,000				
Total Transfers In	\$ 1,604,000	\$ 1,150,000	\$ 1,140,000	\$ 1,690,000	\$ 1,690,000	\$ 1,690,000
<u>Project Expenditures</u>						
North Ankeny Boulevard and NE 54th Street Traffic Signal and Left Turn Lanes	\$ 142,620					
North Ankeny Boulevard Fiber Optic Upgrade - 1st Street to 18th Street	\$ 5,600					
SE Quadrant Fiber Optic Upgrade, Phase 1 - Public Works Maintenance Facility to Gay Lea Wilson Trail	\$ 4,700					
SW State Street and SW 11th Street Traffic Signal Cost Share	\$ 150,000					
NW 36th Street Fiber Optic Redundancy	\$ 57,809					
SE Oralabor Road, SE Convenience Boulevard and SE Creekview Drive Traffic Signal Replacement	\$ 492,526					
School Walkability Improvements - Pedestrian Ramp Upgrades, School Speed Zone Beacons and Rectangular Rapid Flashing Beacons	\$ 66,300					
SE Delaware Avenue and SE 54th Street Traffic Signal	\$ 581,602					
Miscellaneous Upgrade Projects - NW 18th Street and NW Irvinedale Drive Vehicle Detection Improvements and NE Delaware Avenue and NE 5th Street Fiber Optic Cable Installation	\$ 5,572					
SE Delaware Avenue Signal Equipment Upgrades - SE National Drive to SE Magazine Road	\$ 426,353					
SE Delaware Avenue and Private Drive Traffic Signal Cost Share	\$ 197,643					
East 1st Street and Four Mile Drive Traffic Signal and Left Turn Lanes Cost Share	\$ 307,000					

SE Oralabor Road, SE Delaware Avenue and SE Corporate Woods Drive Fiber Optic Upgrade	\$ 25,513					
SW State Street and NW 72nd Place Westbound Right Turn Lane and Traffic Signal Upgrade (cost share with Polk County)		\$ 320,000				
Trail Crossing Upgrades: High Trestle Trail at NW Weigel Drive and Gay Lea Wilson Trail at SE 54th Street		\$ 50,000				
SE Oralabor Road and SE Delaware Avenue and Interstate 35 Ramps Traffic Signal Equipment Upgrades		\$ 325,000				
South Ankeny Boulevard and SE Oralabor Road Detection Replacement and New Monitoring Camera		\$ 50,000				
SE Oralabor Road and SE Four Mile Drive Traffic Signal		\$ 185,000	\$ 550,000			
SE Delaware Avenue and Kwik Star Traffic Signal Cost Share		\$ 180,000				
East 1st Street and Trilein Drive Traffic Signal Equipment Upgrades			\$ 130,000			
South Ankeny Boulevard and SE 8th Street Traffic Signal Replacement				\$ 335,000		
South Ankeny Boulevard and SE Lorenz Drive Traffic Signal Replacement					\$ 335,000	
Miscellaneous Traffic Control or Fiber Optic Upgrades (TBD)		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Traffic Signal Cost Share Projects (TBD)			\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
Trail, Pedestrian, Bicycle, School Crossing Upgrades (TBD)			\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Traffic Signal (TBD)			\$ 190,000	\$ 750,000	\$ 750,000	\$ 750,000
Traffic Signal Equipment Upgrades (TBD)				\$ 115,000	\$ 115,000	
Fiber Optic Network Expansion and Upgrades (TBD)				\$ 220,000	\$ 220,000	\$ 220,000
Traffic Signal Replacement and/or Equipment Upgrades (TBD)						\$ 450,000
Total Project Expenditures	\$ 2,463,239	\$ 1,150,000	\$ 1,140,000	\$ 1,690,000	\$ 1,690,000	\$ 1,690,000
Remaining Cash Balance	\$ 367,438	\$ 367,438	\$ 367,438	\$ 367,438	\$ 367,438	\$ 367,438

2025-2029 Capital Improvement Program Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2025	2026	2027	2028	2029	High Priority Projects	Project Cost
ANNUAL PROGRAMS								
Annual Park Development Program	PRK-00-002	\$ 800,000	\$ 825,000	\$ 850,000	\$ 875,000	\$ 900,000	\$ 4,875,000	\$ 9,125,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	460,000	600,000	600,000	600,000	600,000	3,000,000	5,860,000
Annual PCC Street Patching Program	STR-00-001	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	14,000,000	25,400,000
Annual Asphalt Street Resurfacing Program	STR-00-002	450,000	475,000	500,000	500,000	500,000	2,500,000	4,925,000
Annual Pavement Preservation Program	STR-00-003	600,000	800,000	850,000	900,000	950,000	5,500,000	9,600,000
Annual Street Replacement Program	STR-00-004	2,300,000	1,800,000	1,600,000	2,000,000	2,000,000	11,500,000	21,200,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,150,000	1,140,000	1,690,000	1,690,000	1,690,000	8,825,000	16,185,000
BUILDINGS								
Public Works Satellite Salt Storage Facility	BLD-21-002	90,000	800,000	-	-	-	-	890,000
Public Works Maintenance Facility Expansion	BLD-24-003	-	1,000,000	17,225,000	6,249,000	-	-	24,474,000
City Facility Parking Lot Improvements	BLD-25-001	150,000	150,000	150,000	-	-	-	450,000
City Hall and Public Services Building Expansion	Buildings	-	-	-	-	-	13,065,000	13,065,000
Community Entrance Signs	Buildings	-	-	-	-	-	250,000	250,000
Fire Station No. 5	Buildings	-	-	-	-	-	10,224,000	10,224,000
Police Headquarters Remodel	Buildings	-	-	-	-	-	5,996,000	5,996,000
BRIDGES								
SE Frisk Drive RCB Culvert for Four Mile Creek Tributary	BRG-20-001	-	-	50,000	350,000	-	-	400,000
NE 18th Street Bridge over Interstate 35	BRG-22-002	-	700,000	700,000	2,525,000	6,425,000	6,850,000	17,200,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004	-	150,000	1,300,000	-	-	-	1,450,000
SE Four Mile Drive RCB Culvert for Four Mile Creek Tributary	BRG-25-001	-	-	-	77,500	575,000	-	652,500
SE Corporate Woods Drive Railroad Overpass	Bridges	-	-	-	-	-	23,500,000	23,500,000
OPERATING/CONSTRUCTION EQUIPMENT								
Ladder Truck Replacement	OEC-23-001	-	-	-	-	2,400,000	-	2,400,000
PARKS								
High Trestle Trail Experience Park	PRK-22-005	200,000	-	800,000	-	1,000,000	1,766,000	3,766,000
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000	-	-	-	-	-	150,000
Prairie Ridge Sports Complex Softball Batting Cage Replacement	PRK-24-004	246,000	-	-	-	-	-	246,000
Prairie Ridge Sports Complex Baseball Infield Reconstruction	PRK-25-003	-	306,000	281,000	-	-	-	587,000
Hawkeye Park Sports Complex Tennis Courts Reconstruction	PRK-18-003	-	-	-	-	-	900,000	900,000
Mini-Pitch Soccer System	PRK-22-001	-	-	-	-	-	225,000	225,000

2025-2029 Capital Improvement Program Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2025	2026	2027	2028	2029	High Priority Projects	Project Cost
Prairie Ridge Sports Complex North Parking Lot Overlay	PRK-24-002	-	-	-	-	-	1,797,000	1,797,000
Prairie Ridge Sports Complex East Parking Lot Overlay	PRK-24-003	-	-	-	-	-	1,680,000	1,680,000
Prairie Ridge Sports Complex Softball Safety Netting	PRK-25-001	-	-	-	-	-	515,000	515,000
Prairie Ridge Sports Complex Soccer Field Lighting	PRK-25-002	-	-	-	-	-	325,000	325,000
Chautauqua and Promenade Park Development	Parks	-	-	-	-	-	6,600,000	6,600,000
Heritage Park Redevelopment and Expansion	Parks	-	-	-	-	-	700,000	700,000
SIDEWALKS/TRAILS								
High Trestle Trail Overlay - East 1st Street to NW 18th Street	SDW-25-002	160,000	-	-	-	-	-	160,000
Clover Ridge Trail	SDW-21-002	-	-	-	-	-	160,000	160,000
Trestle Point High Trestle Trail Connection	SDW-25-001	-	-	-	-	-	150,000	150,000
Four Mile Creek Trail - NE 47th Street to NE 54th Street	Sidewalks/Trails	-	-	-	-	-	750,000	750,000
NE Frisk Drive Sidewalk Connection	Sidewalks/Trails	-	-	-	-	-	900,000	900,000
SE Delaware Avenue Retaining Wall Replacement	Sidewalks/Trails	-	-	-	-	-	700,000	700,000
SW Ankeny Road Sidewalk Improvements	Sidewalks/Trails	-	-	-	-	-	830,000	830,000
STREETS								
SW Oralabor Road and SW Irvinedale Drive Intersection Improvements	STR-16-003	250,000	500,000	4,725,000	-	-	-	5,475,000
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	3,287,500	5,712,500	10,050,000
NW Irvinedale Drive and NW 18th Street Intersection Improvements	STR-21-004	4,650,000	-	-	-	-	-	4,650,000
South Ankeny Boulevard and SE Oralabor Road Intersection Improvements	STR-21-005	150,000	275,000	400,000	4,050,000	4,050,000	-	8,925,000
West 1st Street Widening and Improvements - Phase 2	STR-22-003	775,000	4,615,000	5,335,000	-	-	-	10,725,000
NW 18th Street Reconstruction - NW State Street to NW Ash Drive	STR-22-004	200,000	350,000	5,100,000	100,000	-	-	5,750,000
North Ankeny Boulevard Improvements - 1st Street to 11th Street	STR-23-001	2,303,000	1,558,955	-	-	-	-	3,861,955
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	175,000	2,500,000	1,725,000	375,000	-	-	4,775,000
NW Prairie Ridge Drive, NW 9th Street and NW Ash Drive Intersection Improvements	STR-24-001	400,000	3,420,000	-	-	-	-	3,820,000
SE Creekview Drive Extension	STR-24-003	1,870,000	-	-	-	-	-	1,870,000
Interstate 35 and NE 36th Street Interchange Improvements	STR-25-001	450,000	4,100,000	-	-	-	-	4,550,000
SE Delaware Avenue Capacity Improvements	STR-25-002	-	-	100,000	300,000	425,000	4,000,000	4,825,000
NW State Street Widening and Pavement Rehabilitation - West 1st Street to NW 18th Street	STR-25-003	-	-	-	350,000	500,000	6,300,000	7,150,000

2025-2029 Capital Improvement Program Overall Project Listing with 10-Year High Priority Projects								
Proposed Projects								
	Project No.	2025	2026	2027	2028	2029	High Priority Projects	Project Cost
Local Public Streets Enhanced Pavement Design Standards	STR-25-004	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	15,000,000
NE Chambers Parkway Pavement and Pedestrian Ramp Improvements	STR-24-002	-	-	-	-	-	1,100,000	1,100,000
East 1st Street Widening - NE Frisk Drive to NE Four Mile Drive	Streets	-	-	-	-	-	12,250,000	12,250,000
NW 18th Street Reconstruction - NW Weigel Drive to NW State Street	Streets	-	-	-	-	-	18,775,000	18,775,000
NW 36th Street Widening - NW State Street to NW Ash Drive	Streets	-	-	-	-	-	5,125,000	5,125,000
NW Irvinedale Drive Reconstruction - NW 18th Street to NW 36th Street	Streets	-	-	-	-	-	19,000,000	19,000,000
NW Irvinedale Drive Reconstruction - West 1st Street to NW 18th Street	Streets	-	-	-	-	-	19,000,000	19,000,000
NW State Street Extension - NW 36th Street to NW Abilene Road	Streets	-	-	-	-	-	11,925,000	11,925,000
SE Four Mile Drive Connector at East 1st Street	Streets	-	-	-	-	-	6,350,000	6,350,000
SE Oralabor Road and NE Berwick Drive Intersection Improvements	Streets	-	-	-	-	-	900,000	900,000
South Ankeny Boulevard Improvements - SW Ordnance Road to SE Peterson Drive	Streets	-	-	-	-	-	11,500,000	11,500,000
SW 4th Street Reconstruction - SW Maple Street to SW Cherry Street	Streets	-	-	-	-	-	850,000	850,000
TRAFFIC								
Fiber Optic Network Upgrade	TRF-23-001	890,000	700,000	-	-	-	-	1,590,000
Uptown Lighting Fixture Upgrades	TRF-25-001	115,000	-	-	-	-	-	115,000
SW Magazine Road and SW District Drive Traffic Signal	TRF-25-002	60,000	635,000	-	-	-	-	695,000
Adaptive Traffic Signal Control Systems	TRF-25-003	-	-	25,000	500,000	-	-	525,000
SE Four Mile Drive Corridor Traffic Study	TRF-25-004	-	-	-	-	175,000	-	175,000
Corridor Traffic Studies	Traffic	-	-	-	-	-	1,100,000	1,100,000
Interstate 35 and SE Oralabor Road Interchange Traffic Study	Traffic	-	-	-	-	-	125,000	125,000
Traffic Signal Development Agreements	Traffic	-	-	-	-	-	2,250,000	2,250,000
	Year Totals	\$ 22,244,000	\$ 31,649,955	\$ 48,681,000	\$ 33,491,500	\$ 30,102,500	\$ 271,295,500	\$ 437,464,455

City of Ankeny, Iowa

Financial Planning for Capital Projects
Projection of Tax Levies & Tax Rate Impact

EXHIBIT 1

FY26 Pre-Levy => 2,612,963

Debt Service Levy Impact	
Tax Impact for FY 25-26:	\$0.00
Tax Impact for FY 26-27:	\$0.00
Tax Impact for FY 27-28:	\$0.05
Tax Impact for FY 28-29:	\$0.00

									Par	\$16,155,000	\$17,180,000	\$25,840,000	\$22,620,000	\$18,590,000						
									Proceeds	\$15,953,000	\$16,968,955	\$25,489,438	\$22,307,611	\$18,327,500	Estimated					
									Existing	2025	2026	2027	2028	2029	Future	Bond	Other			
Fiscal Year	Total Tax	Growth	Taxes	Debt	Utility/ TIF	Misc	Property Tax	Total	GO Debt	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	CIP-Taxes	GO Bonds	Fees	Uses	Total	Surplus/ (Deficit)	Ending Cash/Fund Balance
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	100,122	276,946	24,259,967	24,199,486							6,000	(971)	24,204,515	55,452	1,890,978
2023 - 2024	5,049,775,865	4.6%	15,149,328	\$3.0000	9,525,673	273,368	304,402	25,252,771	25,020,307							6,600	31,600	25,058,507	194,264	2,085,242
2024 - 2025	5,724,677,117	13.4%	17,174,031	\$3.0000	8,442,055	205,000	226,018	26,047,105	26,076,854							6,700		26,083,554	(36,450)	2,048,792
2025 - 2026	6,046,992,973	5.6%	18,140,979	\$3.0000	7,989,088	152,000	158,745	26,440,811	23,823,269	2,612,363						6,800		26,442,431	(1,620)	2,047,172
2026 - 2027	6,129,182,171	1.4%	18,387,547	\$3.0000	7,506,513	152,000	129,071	26,175,130	18,754,281	3,055,500	4,347,774					6,900		26,164,455	10,675	2,057,847
2027 - 2028	6,378,652,552	4.1%	19,454,890	\$3.0500	6,339,894	152,000	129,071	26,075,855	16,995,800	2,393,500	3,413,175	3,233,043				7,000		26,042,518	33,337	2,091,183
2028 - 2029	6,385,191,828	0.1%	19,474,835	\$3.0500	4,041,794	152,000	129,071	23,797,700	10,015,675	2,133,750	3,472,150	3,522,200	4,634,468			6,000		23,784,243	13,457	2,104,641
2029 - 2030	6,579,474,999	3.0%	20,067,399	\$3.0500	1,714,094	152,000	129,071	22,062,563	5,463,325	1,892,500	1,454,850	2,921,200	2,658,200	7,630,970		6,000		22,027,045	35,518	2,140,159
2030 - 2031	6,711,064,499	2.0%	20,468,747	\$3.0500	1,330,844	152,000	129,071	22,080,661	4,647,725	2,004,250	1,454,850	4,321,600	2,400,200	4,659,450	2,562,018	5,400		22,055,493	25,168	2,165,327

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	\$ 8,165,000
05/28/15	06/01/25	795,000
03/31/16	06/01/28	1,345,000
05/25/16	06/01/26	1,830,000
05/31/17	06/01/27	2,740,000
05/30/18	06/01/28	6,600,000
05/28/19	06/01/29	10,000,000
06/09/20	06/01/30	6,760,000
06/09/21	06/01/31	12,825,000
05/25/22	06/01/37	22,820,000
06/21/23	06/01/33	10,120,000
06/20/24	06/01/34	16,260,000
Rebate & Lease Agreements		6,509,449
Total Outstanding Debt		\$ 106,769,449

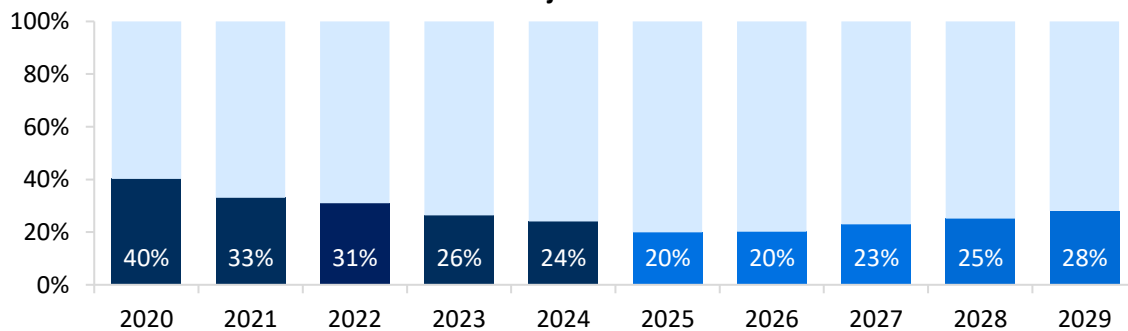
Projected Debt

Bond Year	Debt Addition	Debt Reduction	Change in Rebates	Net Change	Projected Outstanding Debt
2025	\$ 20,470,000	\$ 21,625,000	\$ -	\$ (1,155,000)	\$ 105,614,449
2026	27,515,000	20,350,000	(1,521,355)	5,643,645	111,258,095
2027	37,285,000	16,205,000	(1,741,024)	19,338,976	130,597,071
2028	32,040,000	15,155,000	(855,611)	16,029,389	146,626,460
2029	30,875,000	8,835,000	(933,205)	21,106,795	167,733,255

Calculation of Legal Debt Limit

FY	Assessed Value	Debt Limit Value (5%)	Projected Outstanding Debt	Unused Debt Limit	% of Debt Limit Used
2025	10,599,779,037	\$ 529,988,952	\$ 105,614,449	\$ 424,374,503	20%
2026	11,009,613,224	550,480,661	111,258,095	439,222,567	20%
2027	11,370,759,002	568,537,950	130,597,071	437,940,879	23%
2028	11,657,558,163	582,877,908	146,626,460	436,251,448	25%
2029	11,952,961,298	597,648,065	167,733,255	429,914,810	28%

Historical and Projected Use of Debt Limit



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 facility will need to be designed and constructed to meet the building material requirements of the City's site plan ordinance. Since the property is zoned C-1, Neighborhood Commercial, the facility's west and south sides would need at least 60% permanent materials (e.g. brick, stone, precast concrete, CMU), and the facility's north and east sides would need at least 40% permanent materials. 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	2025	2026	2027	2028	2029	Total
Engineering-Design	90,000					90,000
Construction Costs		800,000				800,000
Total	90,000	800,000				890,000

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	90,000					90,000
Road Use Tax Fund		800,000				800,000
Total	90,000	800,000				890,000

Budget Impact/Other

The new satellite salt storage facility will require minor building maintenance, and the lighting for the building will result in additional electric power costs.

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			300	300	300	900
Utilities			200	200	200	600
Total			500	500	500	1,500

City of Ankeny, Iowa

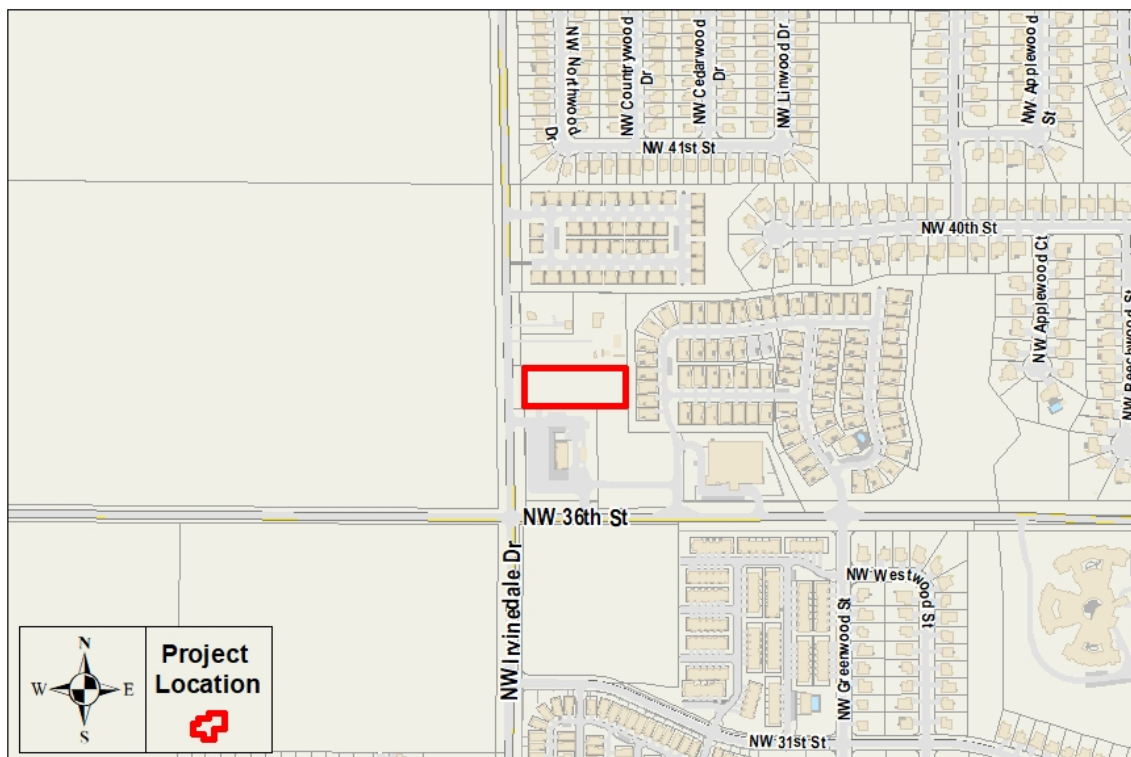
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **BLD-21-002**

Project Name **Public Works Satellite Salt Storage Facility**



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 = \$23,122,080

Projected Design Costs: = \$1,351,920

-Public Works (~51%)

-Sanitary Sewer (~32%)

-Water (~17%)

Projected Total Construction & Design Costs: = \$24,474,000

The project estimate above is provided in CY 2024 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 \$25.94 million if constructed in 2028.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		1,000,000				1,000,000
Engineering-Construction Services			265,000	86,920		351,920
Construction Costs			16,960,000	6,162,080		23,122,080
Total		1,000,000	17,225,000	6,249,000		24,474,000

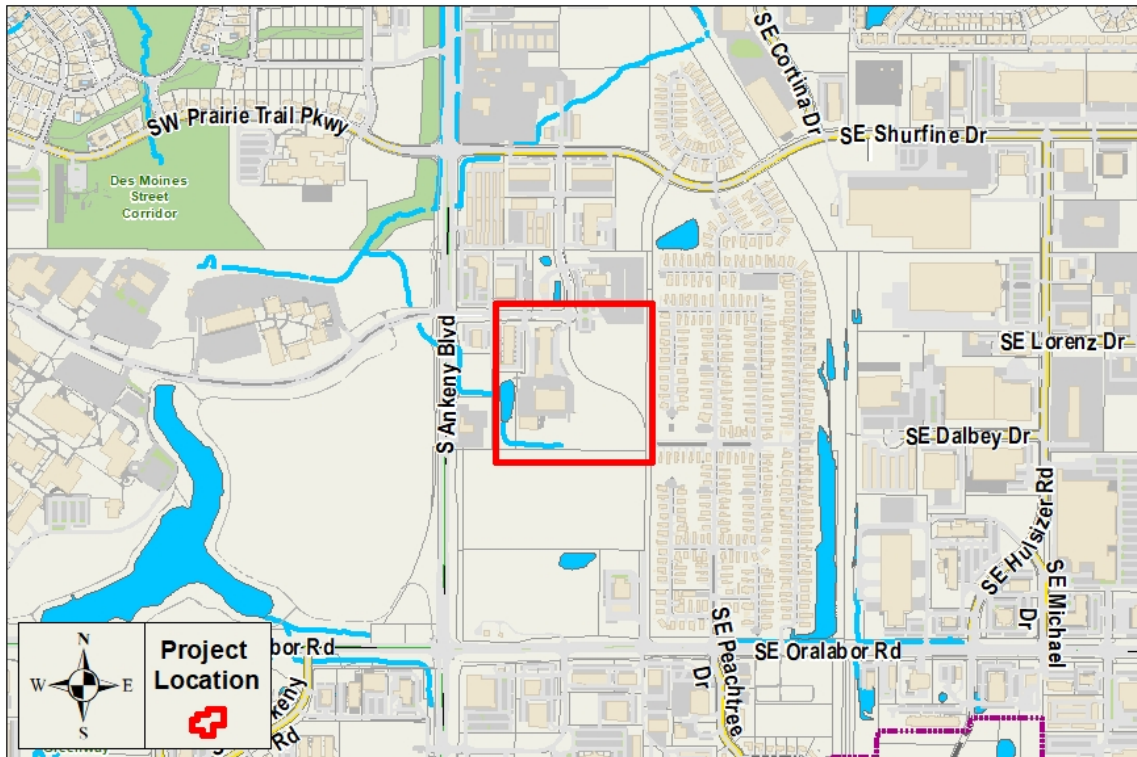
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Reserve Fund		1,000,000				1,000,000
G.O. Bonds - Referendum			8,724,438	3,165,111		11,889,549
Sewer Fund			5,597,681	2,030,762		7,628,443
Water Revenue Bonds			2,902,881	1,053,127		3,956,008
Total		1,000,000	17,225,000	6,249,000		24,474,000

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.

Project # BLD-24-003

Project Name Public Works Maintenance Facility Expansion



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Parking Lots

Project # BLD-25-001

Project Name City Facility Parking Lot Improvements

Description

This project includes replacing PCC patches within City-owned parking lots. The City Parking Lot Improvements project will be designed and inspected in-house by Public Works Engineering Division staff.

- 2025: Fire Station #1 Parking Lot: \$150,000 (construct)
- 2026: Hawkeye Park and City Hall Parking Lots: \$150,000 (construct)
- 2027: Fire Station #2 and Police Station Parking Lots: \$150,000 (construct)

2028-2029: The City-owned parking lots for Fire Station #3, Public Services Building, Kirkendall Library, and the District at Prairie Trail will be re-evaluated for patching after the other City parking lots have been improved.

Justification

The City-owned parking lots see excessive use by the public and City staff, and various patches within these lots have been determined to be too deteriorated for preventative maintenance. Public Works Engineering Division staff has identified the parking lots and locations that need immediate patching.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs	150,000	150,000	150,000			450,000
Total	150,000	150,000	150,000			450,000
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Reserve Fund	150,000	150,000	150,000			450,000
Total	150,000	150,000	150,000			450,000

Budget Impact/Other

This project 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 parking lots.

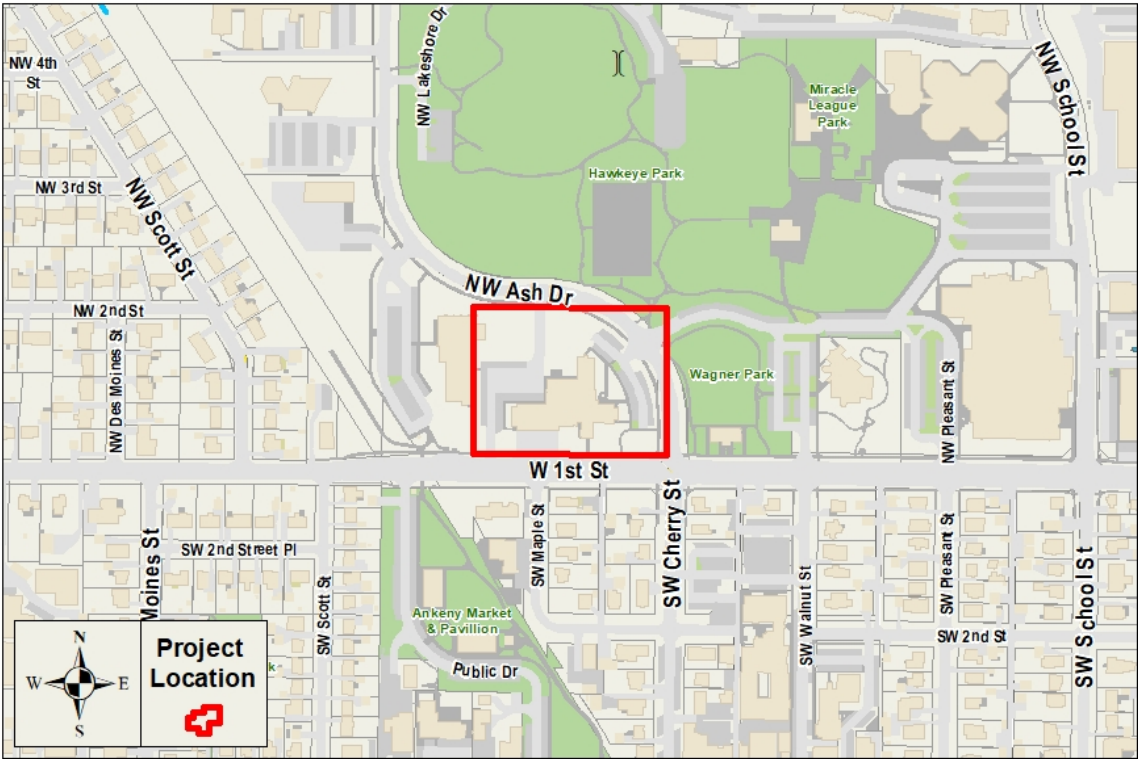
Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		-1,250	-2,500	-3,750	-3,750	-11,250
Total		-1,250	-2,500	-3,750	-3,750	-11,250

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

Project #	BLD-25-001
Project Name	City Facility Parking Lot Improvements



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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' 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	2025	2026	2027	2028	2029	Total
Engineering-Design			50,000			50,000
Engineering-Construction Services				30,000		30,000
Construction Costs				315,000		315,000
Land/ROW Acquisition				5,000		5,000
Total			50,000	350,000		400,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds			50,000	350,000		400,000
Total			50,000	350,000		400,000

Budget Impact/Other

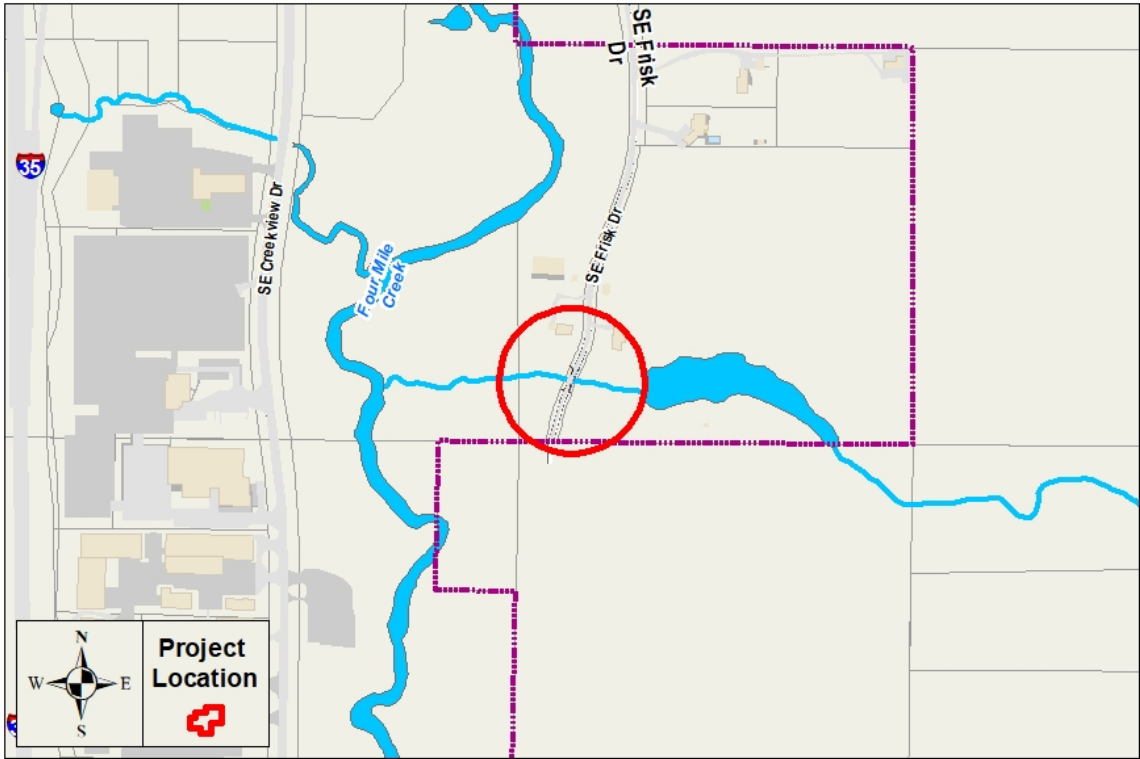
The new RCB culvert will have a negligible impact on the City's maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 (2028) – vegetation clearing and embankment construction
- Phase 2 (2029) – I-35 bridge construction and Four Mile Creek pedestrian bridge construction
- Phase 3 (2030) – NE 18th Street roadway and storm sewer construction.

The proposed project schedule assumes:

- Topographic survey, initial environmental (NEPA) documentation, and initial preliminary design in 2026
- Additional environmental (NEPA) documentation and additional preliminary design, and geotechnical investigation in 2027
- Final design of Phase 1, final design of Phase 2, right-of-way acquisition, wetland mitigation credits, construction of Phase 1, and construction engineering of Phase 1 in 2028
- Final design of Phase 3, construction of Phase 2, and construction engineering of Phase 2 in 2029
- Construction of Phase 3 and construction engineering of Phase 3 in 2030.

It is anticipated that all three construction projects would be bid through the Iowa DOT letting process. The City applied for and received \$250,000 of STBG funding for the bridge project through the Des Moines Area MPO.

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 East 1st Street currently has several hundred residential properties, with several hundred more planned. It is anticipated that the Spectrum 36 and Plaza 36 commercial developments 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 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 2025. 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.

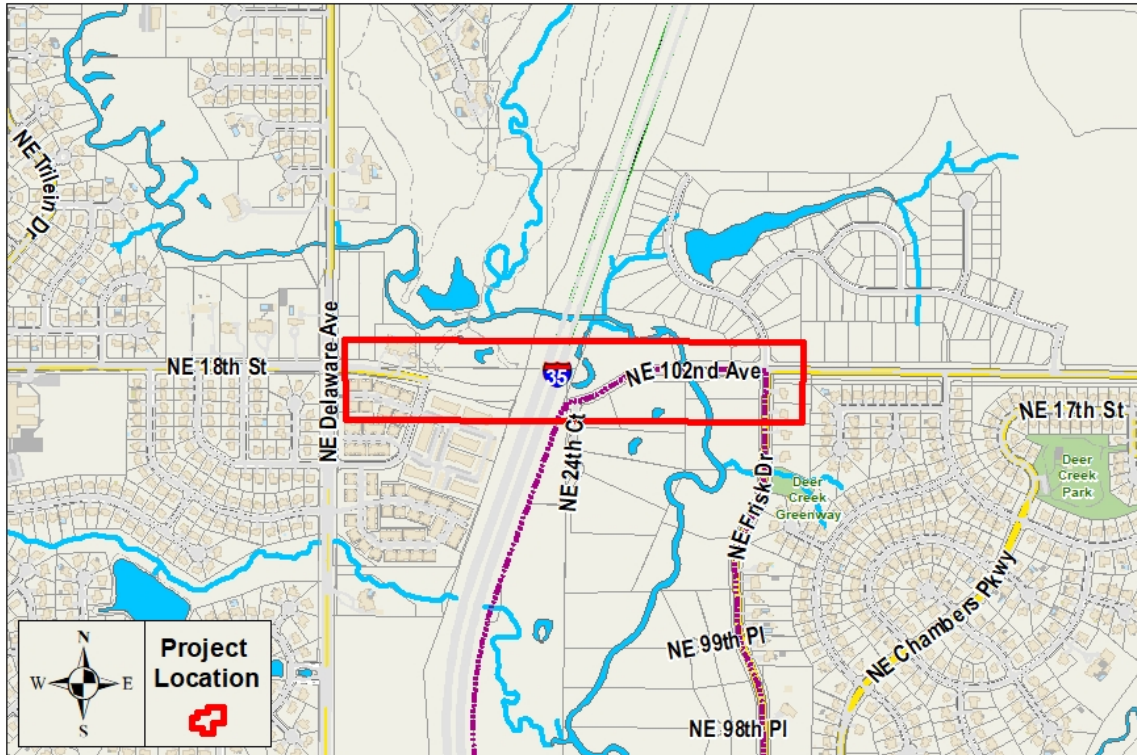
Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		700,000	700,000			1,400,000
Engineering-Construction Services				550,000	725,000	1,275,000
Construction Costs				1,350,000	5,700,000	7,050,000
Land/ROW Acquisition				500,000		500,000
Other Costs				125,000		125,000
Total		700,000	700,000	2,525,000	6,425,000	10,350,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - TIF Abated		700,000	700,000	2,275,000	6,425,000	10,100,000
MPO/STBG Grants				250,000		250,000
Total		700,000	700,000	2,525,000	6,425,000	10,350,000

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.

Project # BRG-22-002

Project Name NE 18th Street Bridge over Interstate 35



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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	2025	2026	2027	2028	2029	Total
Engineering-Design		150,000				150,000
Engineering-Construction Services			100,000			100,000
Construction Costs			1,200,000			1,200,000
Total		150,000	1,300,000			1,450,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - TIF Abated		150,000	1,300,000			1,450,000
Total		150,000	1,300,000			1,450,000

Budget Impact/Other

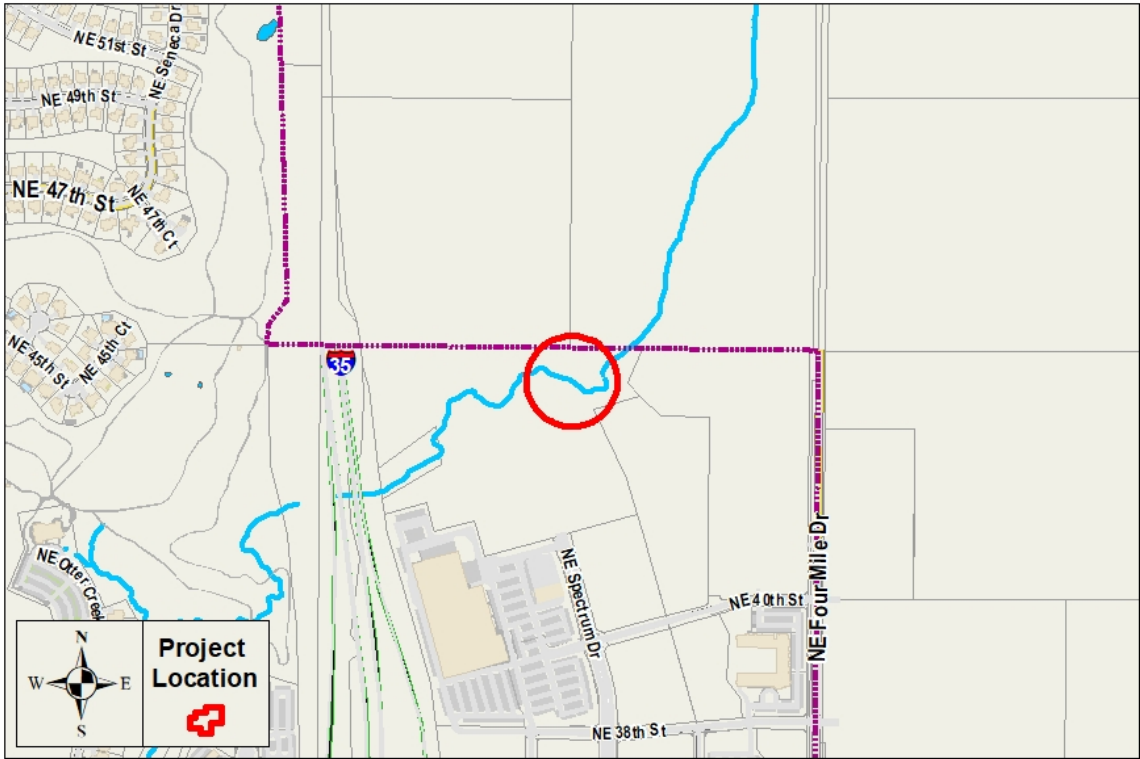
The new RCB culvert will have a negligible impact on the City's maintenance costs. The RCB culvert will be added to the Annual Bridge Inspection Program for monitoring purposes, following construction.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Replacement

Useful Life 40 years

Category Bridge/Box Culvert

Project # BRG-25-001

Project Name SE Four Mile Dr RCB Culvert Four Mile Creek Trib

Description

This project will replace the existing reinforced concrete box (RCB) culvert. The existing structure is an 8' x 8' single RCB constructed of concrete with timber wing walls. The RCB is located north of SE 20th Street on SE Four Mile Drive, spanning a tributary stream to Four Mile Creek. This project includes survey, study, and consultant design engineering services in 2028, and consultant construction engineering services and construction in 2029.

Justification

The 2023 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.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design				75,000		75,000
Engineering-Construction Services					50,000	50,000
Construction Costs					525,000	525,000
Land/ROW Acquisition				2,500		2,500
Total				77,500	575,000	652,500
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds				77,500	575,000	652,500
Total				77,500	575,000	652,500

Budget Impact/Other

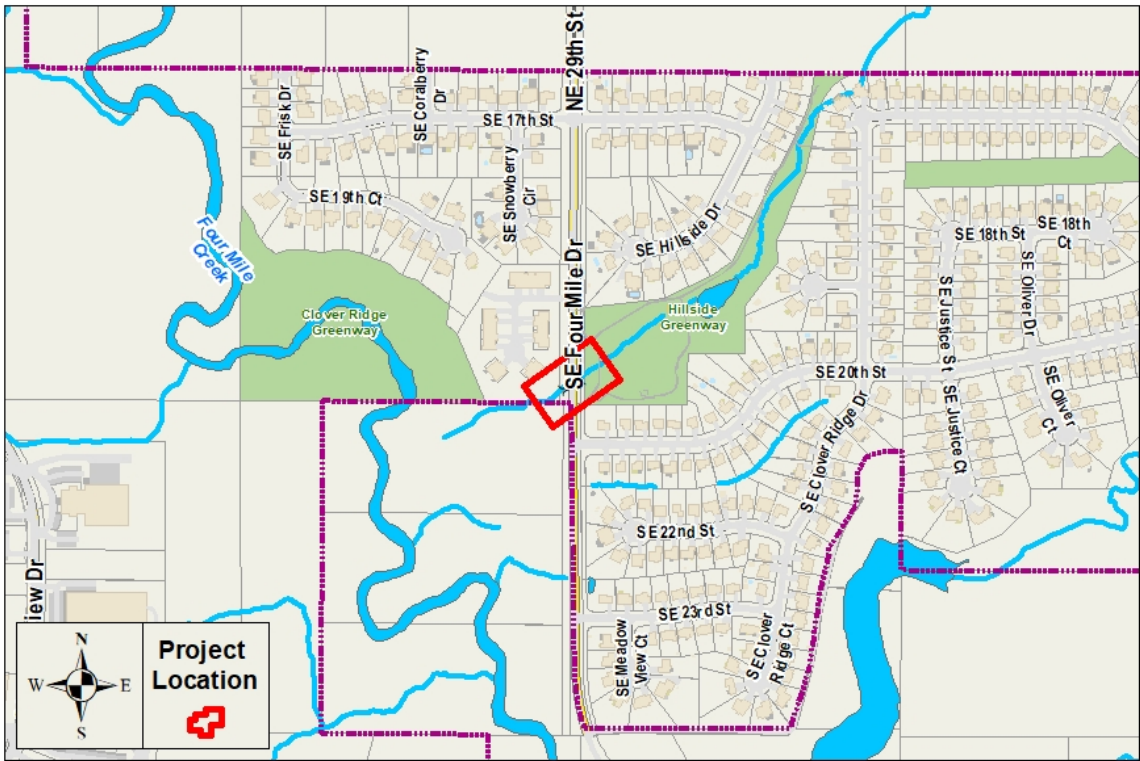
The new RCB culvert will have a negligible impact on the City's maintenance costs. The new RCB culvert will be monitored every four years with the Annual Bridge Inspection Program.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 thru 2029

Department Public Works
Contact City Engineer

Project #	BRG-25-001
Project Name	SE Four Mile Dr RCB Culvert Four Mile Creek Trib



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 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 during the FY2025/2026 budget. We anticipate a manufacturing time of 48-52 months after the signed contract is submitted to the manufacturer (anticipated delivery in the FY2029/2030 budget year).
If the purchase agreement is signed during the FY2025 budget, this project would replace the existing ladder truck 1 year ahead of its anticipated services life or 20 years.

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	2025	2026	2027	2028	2029	Total
Vehicle/Equipment					2,400,000	2,400,000
Total					2,400,000	2,400,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds					2,400,000	2,400,000
Total					2,400,000	2,400,000

Budget Impact/Other
A replacement ladder truck will increase the reliability of our emergency vehicle fleet and address the ongoing maintenance issues with our current aerial apparatus. The replacement ladder truck will 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 \$2,400,000 with an additional \$150,000 required for radios, MDT, and equipment to outfit the apparatus.

Project # OEC 23-001

Project Name Ladder Truck Replacement



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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, trail connections, landscaping, etc.

Justification
2025 •Trestle Ridge Park: playground, shelter, High Trestle Trail connection, parking lot, landscaping, etc. 2026 •Crossings at Deer Creek Park: playground, shelter, trail loop, parking lot, landscaping, etc. 2027 •Kimberley Crossing Park: playground, shelter, trail loop, parking lot, landscaping, etc. 2028 •TBD 2029 •TBD

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	50,000	50,000	50,000	50,000	50,000	250,000
Construction Costs	750,000	775,000	800,000	825,000	850,000	4,000,000
Total	800,000	825,000	850,000	875,000	900,000	4,250,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	700,000	725,000	750,000	775,000	800,000	3,750,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Total	800,000	825,000	850,000	875,000	900,000	4,250,000

Budget Impact/Other
Trestle Ridge Park's construction will increase operating and maintenance costs by a negligible amount.

Project # PRK-00-002

Project Name Annual Park Development Program



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 additional funding for improvements to the High Trestle Trail corridor from the Albaugh Family Senior Community Center to the HTT underpass under South Ankeny Blvd.

Phase 1 is currently under construction and includes grading, importing soil, native plantings, seeding, trees, glow trail, 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 St. to S. Ankeny Blvd (or approx. 3,000 LF). The total area impacted will be approx. 14 acres.

Justification

The improvements associated with this request will 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	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	10,000					10,000
Construction Costs	190,000		800,000		1,000,000	1,990,000
Total	200,000		800,000		1,000,000	2,000,000

Funding Sources	2025	2026	2027	2028	2029	Total
Hotel/Motel Tax Fund	100,000		400,000		500,000	1,000,000
Other Grants	100,000		400,000		500,000	1,000,000
Total	200,000		800,000		1,000,000	2,000,000

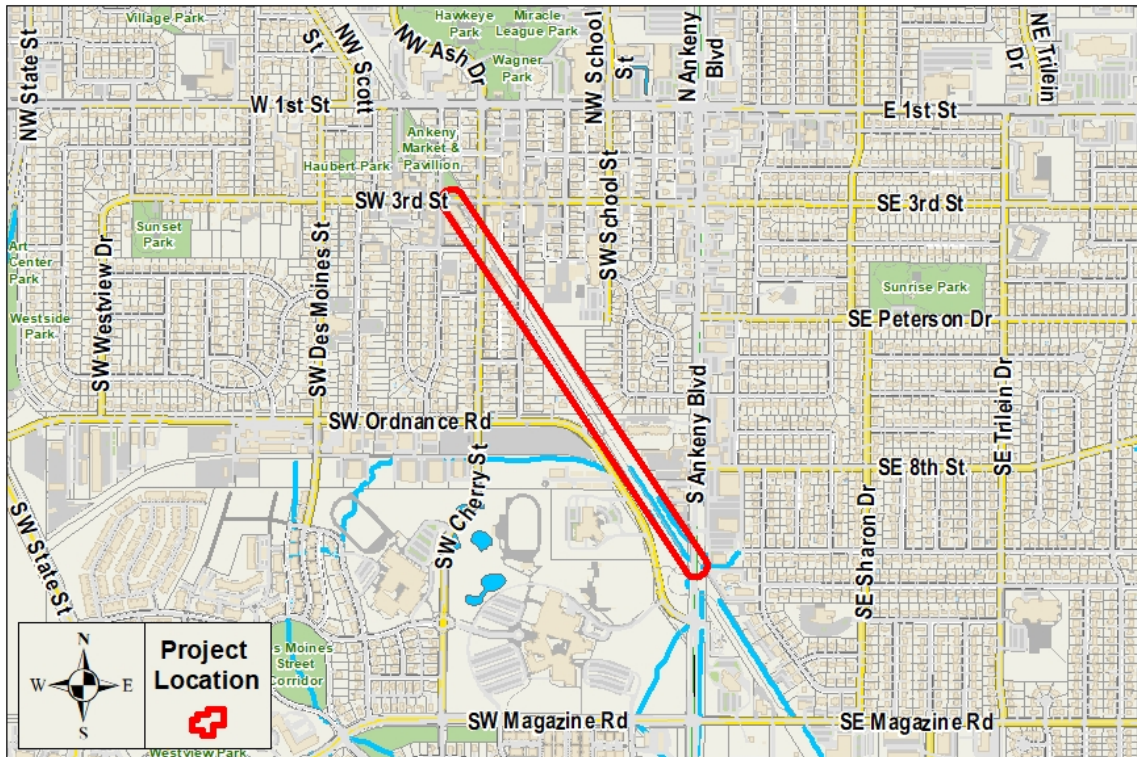
Budget Impact/Other

Operating impacts include ongoing park maintenance such as 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	2025	2026	2027	2028	2029	Total
Maintenance Costs		1,500	1,500	1,500	1,500	6,000
Personnel Costs		2,500	2,500	2,500	2,500	10,000
Utilities		750	750	750	750	3,000
Total		4,750	4,750	4,750	4,750	19,000

Project # PRK-22-005

Project Name High Trestle Trail Experience Park



2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

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	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	25,000					25,000
Construction Costs	125,000					125,000
Total	150,000					150,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	150,000					150,000
Total	150,000					150,000

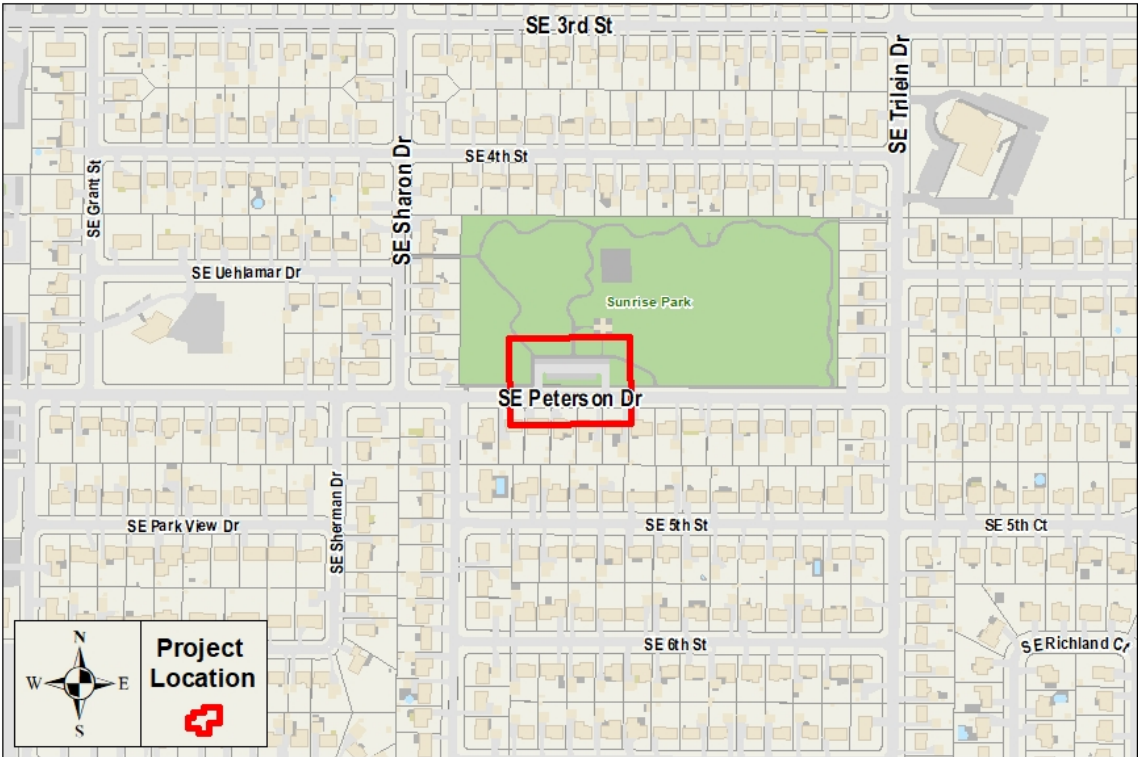
Budget Impact/Other
None, as this project renovates a current park facility.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Parks and Recreation
Contact Parks and Recreation Director

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 10 years
Category Park Facilities

Project #	PRK-24-004
Project Name	Replace Softball Batting Cages at PRSC

Description
Replace Softball Batting Cages at the Prairie Ridge Sports Complex.

Justification
Staff was approached by Ankeny Girls Softball Association (AGSA) regarding replacing the chain-link batting cages at the six softball fields with commercial grade netting and concrete slabs. Currently, the batting cages have an aggregate base and are in fair condition, with a few exceptions. Years of being hit with balls have led the chain-link fencing to become bent and damaged. Additionally, some of the footings are heaving allowing softballs to escape underneath the fencing. With the continued damage and in the near future, large sections of the chain-link fencing and poles will need to be replaced.
This is AGSA's #1 priority and the project would be cost shared 50/50 with AGSA.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	21,000					21,000
Construction Costs	225,000					225,000
Total	246,000					246,000
Funding Sources	2025	2026	2027	2028	2029	Total
Hotel/Motel Tax Fund	133,500					133,500
Private Contributions	112,500					112,500
Total	246,000					246,000

Budget Impact/Other
Properly maintained, a netting system should last approximately 8 years. Replacement netting is estimated at \$1,200 per cage or \$7,200 for all six cages.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 thru 2029

Department Parks and Recreation
Contact Parks and Recreation Director

Project #	PRK-24-004
Project Name	Replace Softball Batting Cages at PRSC



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

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

Project #	PRK-25-003
Project Name	Baseball Infield Renovations at PRSC

Description
Reconstruct baseball infields at the Prairie Ridge Sports Complex.

Justification
The baseball fields at the Prairie Ridge Sports Complex are now 20+ years old. Heavy use from club practices and games, as well as weekend tournaments, has deteriorated the playing surface and negatively impacting play. With little down time, the annual wear-and-tear on the fields has created bare spots, lip edges along the infield creating safety concerns, the need to rebuild the clay plate and mound areas and adding/replacing subdrain in the aprons. Staff's biggest concern is that the infields now hold large amounts of water after rain events that create extensive game/practice delays due the fields poor drainage. The infields and aprons need to be stripped, regraded and sodded to reconstruct the playing surface and maintain the facility as a first-class complex it has become known for. The improvements are being proposed in two phases: - Phase 1: Reconstruct Fields 5-8 - Phase 2: Reconstruct Fields 1-4

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services		31,000	31,000			62,000
Construction Costs		275,000	250,000			525,000
Total		306,000	281,000			587,000

Funding Sources	2025	2026	2027	2028	2029	Total
Hotel/Motel Tax Fund		306,000	281,000			587,000
Total		306,000	281,000			587,000

Budget Impact/Other
Operationally, this improvement would reduce annual maintenance materials and staff time.

Project # PRK-25-003

Project Name Baseball Infield Renovations at PRSC



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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:

o2025 to 2029 - \$400,000/year (construction)

•Sidewalk Gaps along City Property and 8-ft. sidewalk and 10-ft. trail panel replacements:

o2026 to 2029 - \$140,000/year (construction). There is not a sidewalk gaps and trail panel replacements project proposed for 2025 due to workload in the Public Works Engineering Division.

•Development Sidewalk Oversizing:

o2025 to 2029 - \$60,000/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	2025	2026	2027	2028	2029	Total
Construction Costs	460,000	600,000	600,000	600,000	600,000	2,860,000
Total	460,000	600,000	600,000	600,000	600,000	2,860,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	260,000	400,000	400,000	400,000	400,000	1,860,000
Road Use Tax Fund	200,000	200,000	200,000	200,000	200,000	1,000,000
Total	460,000	600,000	600,000	600,000	600,000	2,860,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs	3,400	3,800	4,200	4,600	5,000	21,000
Total	3,400	3,800	4,200	4,600	5,000	21,000

2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # SDW-00-001

Project Name Annual Sidewalk/Trail Construction Program



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 20 years
Category Sidewalks/Trails

Project #	SDW-25-002
Project Name	High Trestle Trail Overlay E 1st St to NW 18th St

Description

This project will include making repairs to damaged areas of the High Trestle Trail from the watermain and drainage project that occurred over the previous 2 years. Work will include filling along the earthen shoulders, full depth patches, partial depth patches, crack cleaning / filling, and a 1.5-inch overlay from NW 18th Street to just north of NW 1st Street along the High Trestle Trail.

Justification

This project will be funded using the remaining funds from the approved State Revolving Fund project for the original High Trestle Trail Watermain and Drainage Project. Use of this funding was approved through the Iowa DNR as much of needed improvements were a result of the construction work that had been previously completed. The overlay will provide a much smoother surface for recreational use of this trail and prolong the serviceable life of this trail. Snyder and Associates has already completed much of the design work utilizing budget from the original design budget.

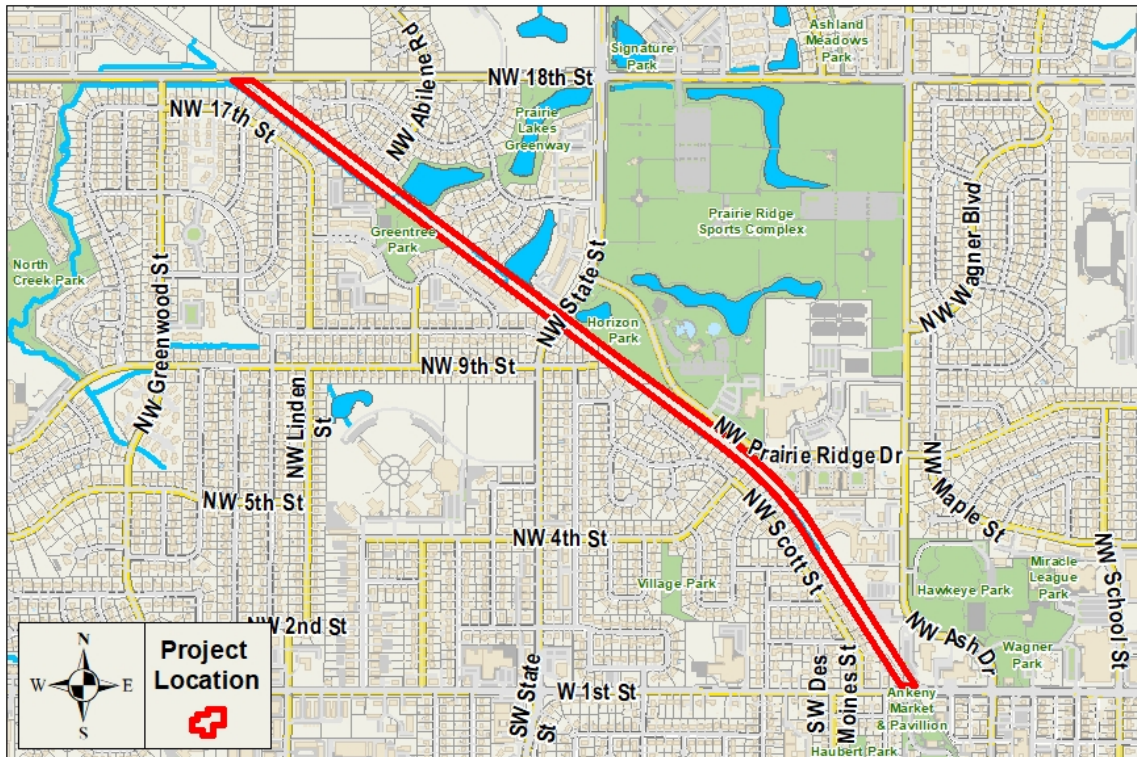
Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs	160,000					160,000
Total	160,000					160,000
Funding Sources	2025	2026	2027	2028	2029	Total
Water Fund	160,000					160,000
Total	160,000					160,000

Budget Impact/Other

There will be no operating impact from this project.

Project # SDW-25-002

Project Name High Trestle Trail Overlay E 1st St to NW 18th St



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 (1 of 4 phases remaining):

o2025 - \$500,000 (Phase 4 construction) and \$25,000 (Phase 4 construction engineering)

•1/4 Westlawn Place Area Utility Improvements (16 Phases over 8 Years – 2026-2033):

o2025 - \$150,000 (Phase 1 Design Engineering) and \$75,000 (All Acquisitions for All Phases)

o2026 - \$1,375,000 (Phase 1 Construction) and \$75,000 (Phase 1 Construction Engineering) and \$100,000 (Phase 2 Design Engineering)

o2027 - \$1,000,000 (Phase 2 Construction) and \$75,000 (Phase 2 Construction Engineering) and \$100,000 (Phase 3 Design Engineering)

o2028 - \$1,150,000 (Phase 3 Construction) and \$75,000 (Phase 3 Construction Engineering) and \$100,000 (Phase 4 Design Engineering)

o2029 - \$1,150,000 (Phase 4 Construction) and \$75,000 (Phase 4 Construction Engineering) and \$125,000 (Phase 5 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 \$950,000 patching project in 2025 with incremental \$50,000 increases each year to \$1,150,000 in 2029.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	150,000	100,000	100,000	100,000	125,000	575,000
Engineering-Construction Services	25,000	75,000	75,000	75,000	75,000	325,000
Construction Costs	1,450,000	2,375,000	2,050,000	2,250,000	2,300,000	10,425,000
Land/ROW Acquisition	75,000					75,000
Total	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	11,400,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	11,400,000
Total	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	11,400,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs	-72,000	-84,000	-96,000	-120,000	-144,000	-516,000
Total	-72,000	-84,000	-96,000	-120,000	-144,000	-516,000

Project # STR-00-001

Project Name Annual PCC Street Patching Program



city of
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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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. The 2023 Pavement Management Study and Master Plan will aid in determining future projects.

The specific projects identified for 2025 include:

- SW Ankeny Road from SW Westview Drive to approximately 1,300 feet south of SW Snyder Boulevard, full depth patching and HMA overlay (\$375,000 construction)
- NE Four Mile Drive/County NE 29th Street from NE 36th Street to NE 72nd Street, HMA Overlay (\$75,000 cost share with Polk County)

The specific projects identified for 2026 include:

- SW Ankeny Road from approximately 1,300 feet south of SW Snyder Boulevard to SW School Lane, full depth patching and HMA overlay (\$350,000 construction)
- SW Goodwin Street, HMA Paving of Existing Gravel Street (\$125,000 construction)

Potential future projects:

- NW 5th Street from NW Weigel Drive to NW Irvinedale Drive – HMA Overlay (\$400,00 construction)
- Public Alleyways between SW Cherry St. and SW Walnut St., from West 1st St. to SW 3rd St., HMA Overlay
- NE Delaware Avenue from NE 36th Street to NE 54th Street – HMA Overlay or Slurry Level
- NE 18th Street from NE Frisk Drive to Four Mile Drive – HMA Overlay (cost-share with Polk County)
- SE Oralabor Road from 250 feet east of SE Four Mile Drive to Bridge over Fourmile 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	2025	2026	2027	2028	2029	Total
Construction Costs	450,000	475,000	500,000	500,000	500,000	2,425,000
Total	450,000	475,000	500,000	500,000	500,000	2,425,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	450,000	475,000	500,000	500,000	500,000	2,425,000
Total	450,000	475,000	500,000	500,000	500,000	2,425,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs	-14,000	-16,000	-18,000	-20,000	-22,000	-90,000
Total	-14,000	-16,000	-18,000	-20,000	-22,000	-90,000

Project # STR-00-002

Project Name Annual Asphalt Street Resurfacing Program



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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:

•2025: Pavement Crack and Joint Preservation project for sawing, cleaning, and refilling of existing cracks and joints – \$600,000 (construction). The crack and joint preservation project proposed for 2025 was reduced from \$750,000 to \$600,000 due to workload in the Public Works Engineering Division.

•2026 - Partial Depth Repair (PDR) Patching, Pavement Crack and Joint Preservation, and Diamond Grinding project (location and type of pavement preservation to be determined) – \$800,000 (construction) with incremental \$50,000 increases/year to \$950,000 in 2029.

Public Works Engineering Division staff completes the design and administers the construction for this program. Locations of the crack and joint refilling, diamond grinding, 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. The allocation will be used for joint and crack filling on residential and collector streets along with partial depth repair on arterial streets 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	2025	2026	2027	2028	2029	Total
Construction Costs	600,000	800,000	850,000	900,000	950,000	4,100,000
Total	600,000	800,000	850,000	900,000	950,000	4,100,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	600,000	800,000	850,000	900,000	950,000	4,100,000
Total	600,000	800,000	850,000	900,000	950,000	4,100,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs	-15,000	-20,000	-25,000	-30,000	-35,000	-125,000
Total	-15,000	-20,000	-25,000	-30,000	-35,000	-125,000

2025 - 2029 Capital Improvement Program

City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # STR-00-003

Project Name Annual Pavement Preservation Program



city of
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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 are completed by Engineering Division staff. Future projects that have been identified include:

•2025:

oSE 8th Street – SE Sharon Drive to SE Trilein Drive: \$1,125,000 (construct)

oNW 9th Street – 400 ft west of NW School Street to NW Logan Street: \$1,175,000 (construct; cost includes approximately \$350,000 of storm sewer improvements)

•2026:

oNE Trilein Drive – NE 3rd Street to NE 7th Street: \$900,000 (construct)

oNE Chambers Parkway – 200 ft south of NE Williamsburg Drive to NE 16th Street: \$900,000 (construct)

•2027:

oNE Trilein Drive – E 1st Street to NE 3rd Street: \$600,000 (construct)

oNE Trilein Drive – NE Bristol Drive to just north of NE Castleton Court: \$1,000,000 (construct)

•2028-2029: 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	2025	2026	2027	2028	2029	Total
Construction Costs	2,300,000	1,800,000	1,600,000	2,000,000	2,000,000	9,700,000
Total	2,300,000	1,800,000	1,600,000	2,000,000	2,000,000	9,700,000

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	800,000					800,000
G.O. Bonds	1,500,000	1,800,000	1,600,000	2,000,000	2,000,000	8,900,000
Total	2,300,000	1,800,000	1,600,000	2,000,000	2,000,000	9,700,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs	-30,000	-35,000	-40,000	-45,000	-50,000	-200,000
Total	-30,000	-35,000	-40,000	-45,000	-50,000	-200,000

Project # STR-00-004

Project Name Annual Street Replacement Program



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 (IA 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 (IA Highway 415) being a joint jurisdictional roadway, the proposed improvements will need to be coordinated with the Iowa DOT. The SW Oralabor Frontage Road & SW 28th Street intersection located directly south of the main intersection would also be included as a part of the traffic study, and would likely be improved with the project. The traffic study is recommended to be an "Origin Destination Study" which would also involve the intersection of SW Oralabor Road (IA Highway 415) & SW Glenbrooke Boulevard and the intersection of SW Oralabor Road (IA Highway 415) & SW College Avenue.

Justification

The purpose of this project is to improve traffic safety, operations, and mobility at the SW Oralabor Road and SW Irvinedale Drive intersection and in the vicinity of the intersection by modifying the configuration of the traffic lanes. From 2019-2023, there were more than 49 crashes at this intersection. The intersection is also rated "High" for Potential Crash Reduction (PCR) in both the "All Crashes" category (#6 out of 111 similar intersections within the State of Iowa) and in the "Severe Crashes" category (#3 out of 111 similar intersections within the State of Iowa) based on 2018-2022 crash history. It is anticipated that the City would apply for Traffic Safety Improvement Program (TSIP) and Urban-State Traffic Engineering Program (U-STEP) 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	2025	2026	2027	2028	2029	Total
Engineering-Design	250,000	400,000				650,000
Engineering-Construction Services			425,000			425,000
Construction Costs			4,250,000			4,250,000
Street Lighting			50,000			50,000
Land/ROW Acquisition		100,000				100,000
Total	250,000	500,000	4,725,000			5,475,000

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	250,000	500,000				750,000
FHWA/IDOT Grants			1,200,000			1,200,000
G.O. Bonds - TIF Abated			3,525,000			3,525,000
Total	250,000	500,000	4,725,000			5,475,000

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

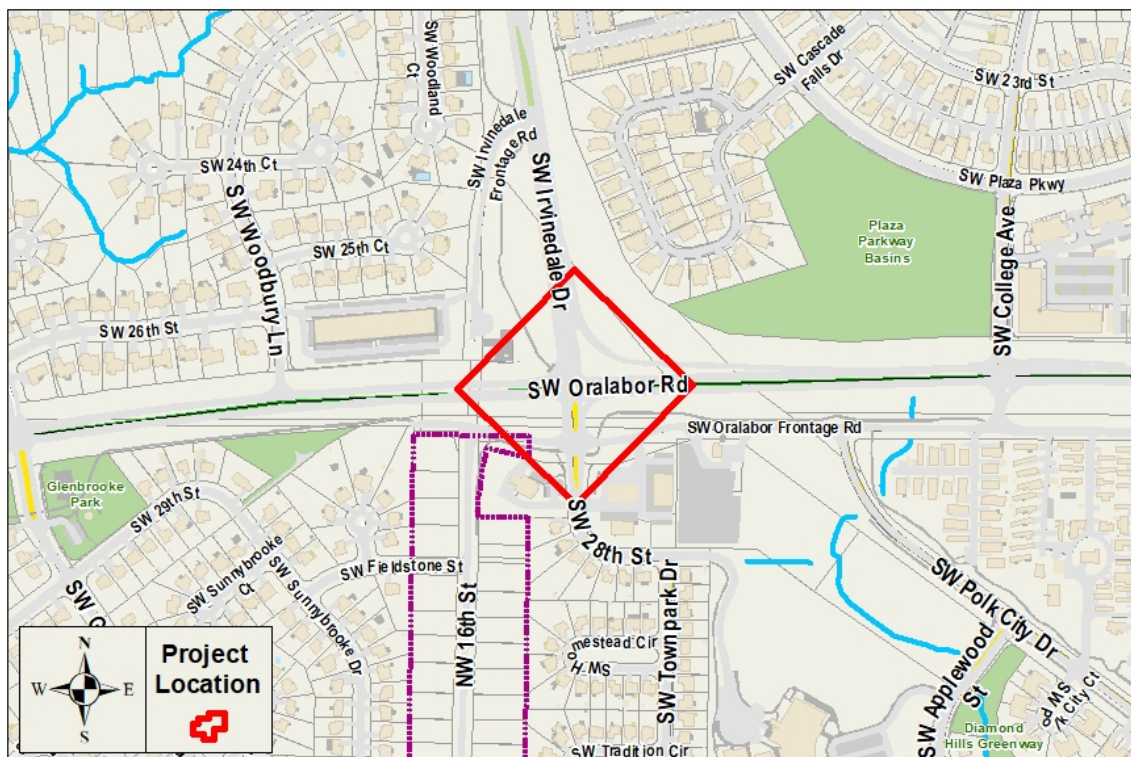
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **STR-16-003**

Project Name SW Oralabor Rd and SW Irvinedale Dr Intersection



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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	2025	2026	2027	2028	2029	Total
Engineering-Design		200,000	600,000			800,000
Engineering-Construction Services				525,000	25,000	550,000
Construction Costs				6,550,000	100,000	6,650,000
Street Lighting				250,000		250,000
Land/ROW Acquisition			100,000			100,000
Total		200,000	700,000	7,325,000	125,000	8,350,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds				6,500,000	125,000	6,625,000
Special Assessments		200,000	700,000	825,000		1,725,000
Total		200,000	700,000	7,325,000	125,000	8,350,000

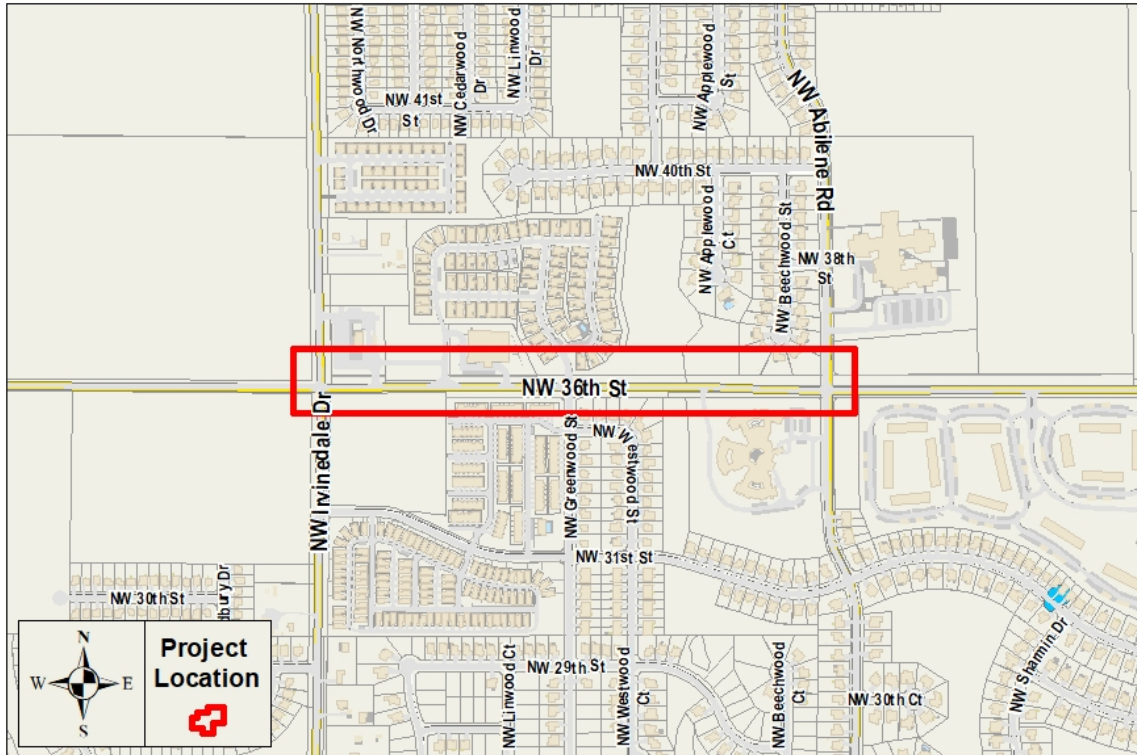
Budget Impact/Other

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.

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs					1,500	1,500
Utilities					4,000	4,000
Total					5,500	5,500

Project # STR-18-003

Project Name NW 36th St Reconstruction-Irvinedale to Abilene



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 IA 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 a traffic signal at the intersection of NW 18th Street and IA Highway 415, and northbound and southbound turn lanes from IA 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 IA Highway 415. It is anticipated that the engineering and construction work on IA 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 of NW 18th Street in 2029 and 2030 (equal costs in both years); and construction and consultant inspection of IA Hwy 415 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 IA Highway 415, is currently outside the existing City limits. It is assumed special assessments will be used to partially fund the NW 18th Street portion of the project, similar to the NW 18th Street Extension project from NW Spruce Drive to NW Weigel Drive that was completed in 2022.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design			250,000	700,000		950,000
Engineering-Construction Services					287,500	287,500
Construction Costs					2,925,000	2,925,000
Street Lighting					75,000	75,000
Land/ROW Acquisition				100,000		100,000
Total			250,000	800,000	3,287,500	4,337,500
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds			250,000	800,000	3,287,500	4,337,500
Total			250,000	800,000	3,287,500	4,337,500

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 streetlights will result in additional electric power costs for the City.

City of Ankeny, Iowa

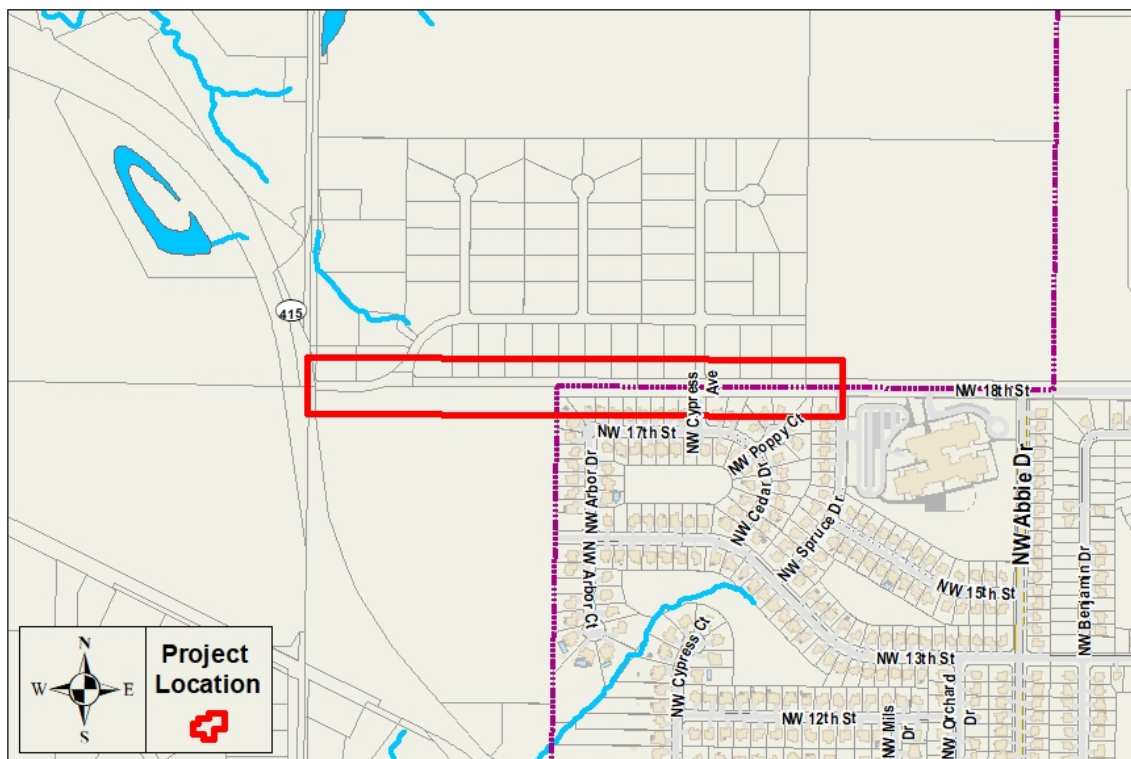
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **STR-18-004**

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 dedicated left-turn lanes, right-turn lanes, and an urban cross section on all legs of the intersection. The reconstruction will remove the existing traffic signal system and install a new traffic signal system with associated street lighting at the intersection. Storm sewer infrastructure and subdrain are also included with the proposed improvements.

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	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	350,000					350,000
Construction Costs	4,090,000					4,090,000
Street Lighting	180,000					180,000
Land/ROW Acquisition	30,000					30,000
Total	4,650,000					4,650,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	4,650,000					4,650,000
Total	4,650,000					4,650,000

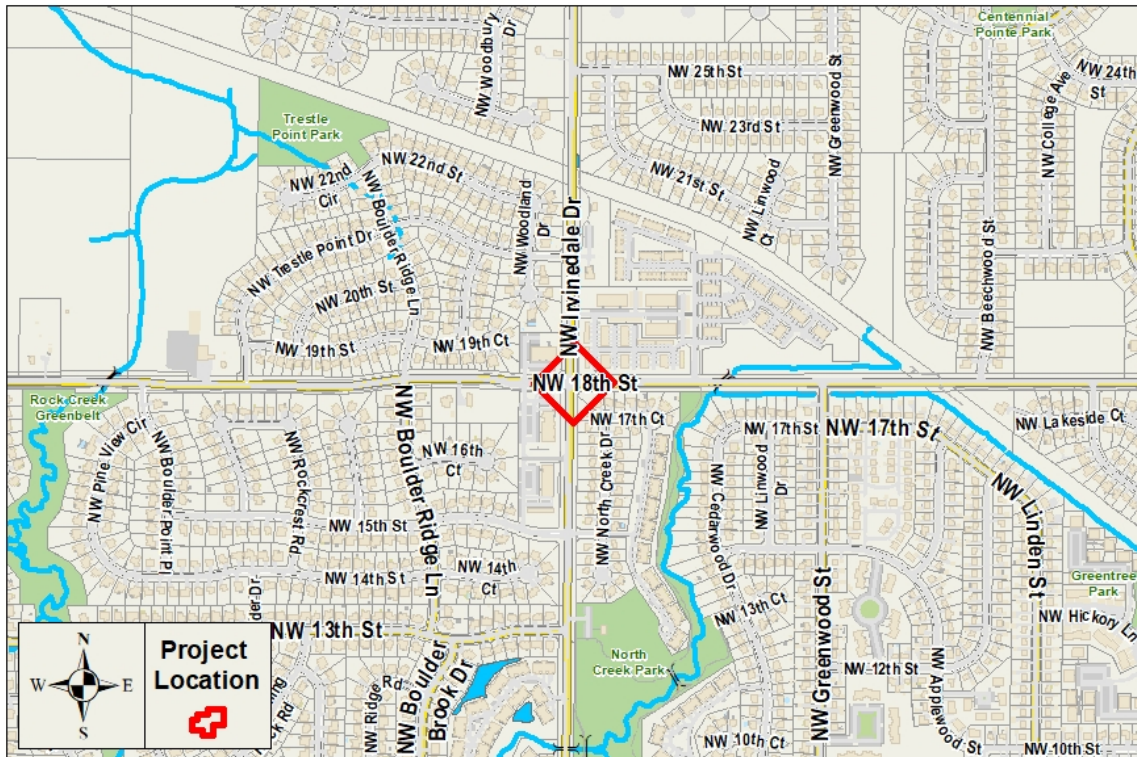
Budget Impact/Other

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	2025	2026	2027	2028	2029	Total
Maintenance Costs		500	500	500	500	2,000
Utilities		1,000	1,000	1,000	1,000	4,000
Total		1,500	1,500	1,500	1,500	6,000

Project # STR-21-004

Project Name NW Irvinedale Dr and NW 18th St Intersection



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 S Ankeny Blvd. & SE Oralabor Rd. 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. Hwy. 69 and IA Hwy. 160, and Iowa DOT concurs with the study findings. Additional study proposed in 2025 will evaluate non-traditional intersection configurations. Funding applications to the Carbon Reduction Program (CRP), 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' wide PCC trail that runs along the south side of Oralabor Rd. 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 \$1,720,000 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	2025	2026	2027	2028	2029	Total
Engineering-Design	25,000	275,000	200,000			500,000
Engineering-Construction Services				300,000	300,000	600,000
Construction Costs				3,750,000	3,750,000	7,500,000
Land/ROW Acquisition			200,000			200,000
Survey/Preliminary Analysis	125,000					125,000
Total	150,000	275,000	400,000	4,050,000	4,050,000	8,925,000

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	150,000	275,000				425,000
FHWA/IDOT Grants				1,000,000		1,000,000
G.O. Bonds - TIF Abated			400,000	2,050,000	2,330,000	4,780,000
MPO/STBG Grants				1,000,000	1,720,000	2,720,000
Total	150,000	275,000	400,000	4,050,000	4,050,000	8,925,000

Budget Impact/Other

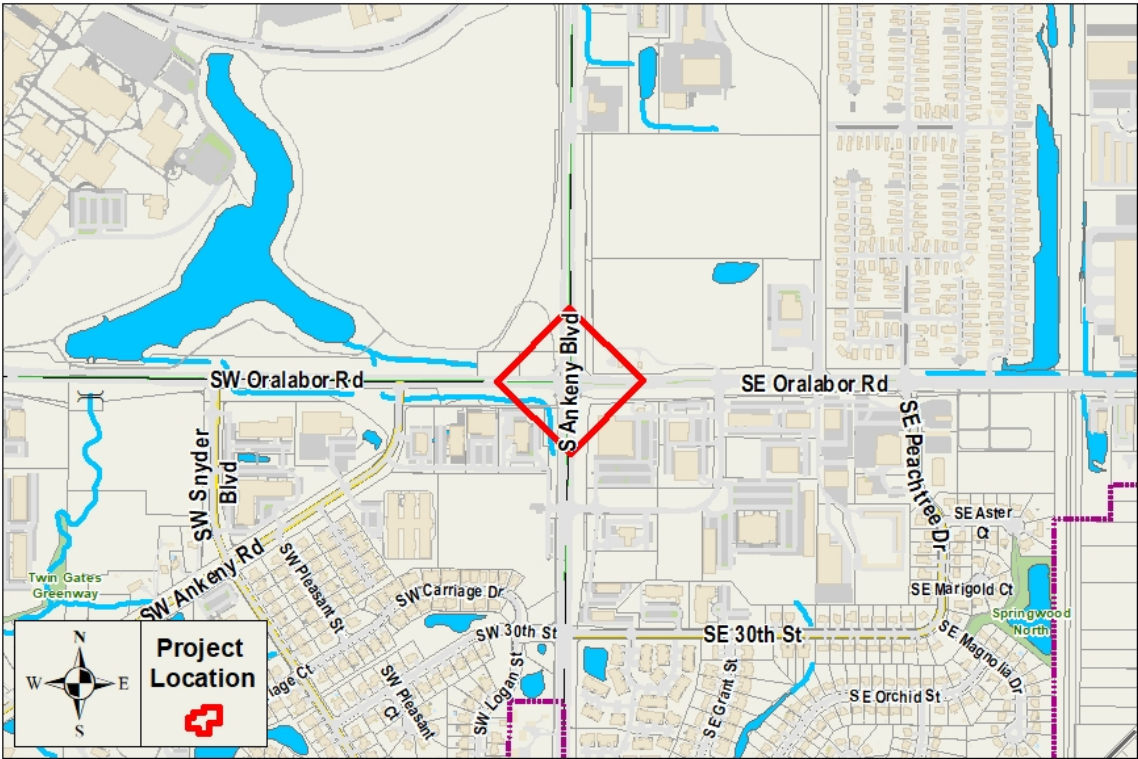
Iowa DOT maintains U.S. Highway 69 and Iowa Highway 160, so they would be responsible for snow removal and maintenance of the additional public street pavement at all of the intersection's approaches. The traffic signal improvements will replace existing City-owned infrastructure, so impacts to utility 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.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 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 25 streetlights. Unlike the W 1st Street Widening and Improvements – Phase 1 project which was completed in 2022, 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 December 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 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. The City has also applied for funding assistance through the Iowa DOT's Traffic Safety Improvement Program (TSIP).

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	575,000					575,000
Engineering-Construction Services		405,000	475,000			880,000
Construction Costs		4,050,000	4,700,000			8,750,000
Street Lighting		160,000	160,000			320,000
Land/ROW Acquisition	200,000					200,000
Total	775,000	4,615,000	5,335,000			10,725,000

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	775,000	269,000				1,044,000
FHWA/IDOT Grants			400,000			400,000
G.O. Bonds - TIF Abated		2,846,000	3,588,500			6,434,500
MPO/STBG Grants		1,500,000	1,346,500			2,846,500
Total	775,000	4,615,000	5,335,000			10,725,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs				1,000	1,000	2,000
Utilities			1,500	3,250	3,250	8,000
Total			1,500	4,250	4,250	10,000

City of Ankeny, Iowa

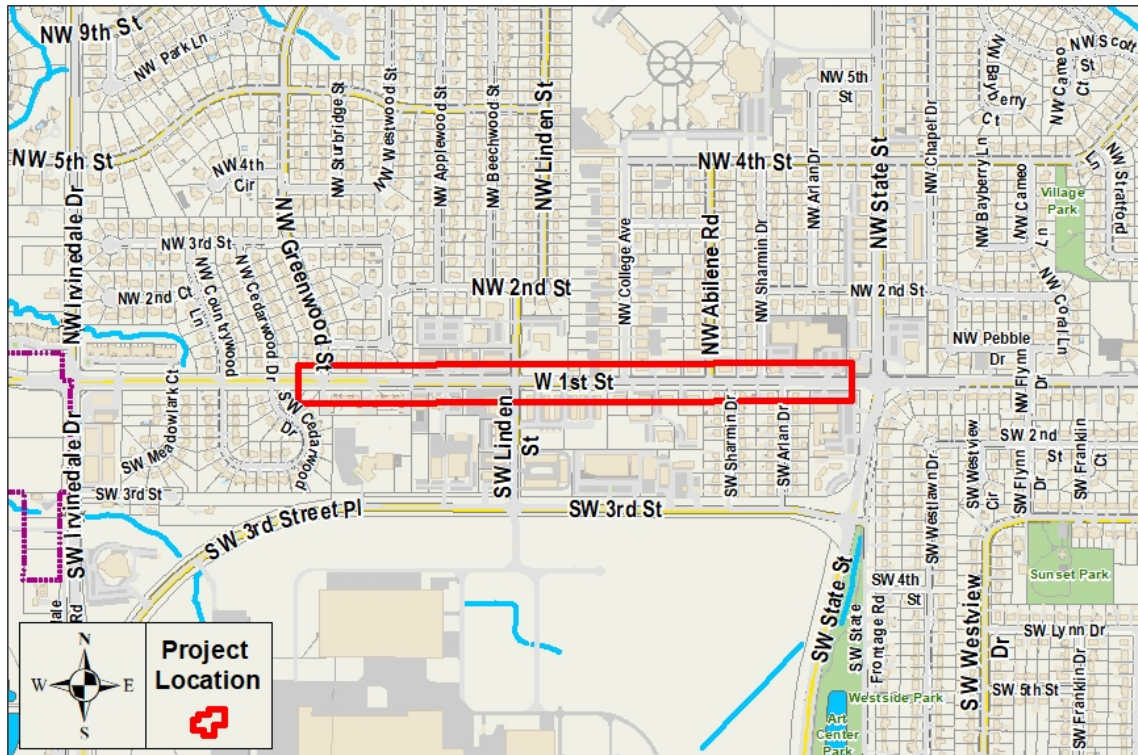
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **STR-22-003**

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 also includes reconstruction of approximately 600 feet of NW State Street south of NW 18th Street. 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 updated traffic study, conceptual design, and survey in 2025; preliminary and final design, right-of-way acquisitions, and utility relocations 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	2025	2026	2027	2028	2029	Total
Engineering-Design	200,000	340,000				540,000
Engineering-Construction Services			375,000	25,000		400,000
Construction Costs			4,600,000	75,000		4,675,000
Street Lighting			125,000			125,000
Land/ROW Acquisition		10,000				10,000
Total	200,000	350,000	5,100,000	100,000		5,750,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	200,000	350,000	5,100,000	100,000		5,750,000
Total	200,000	350,000	5,100,000	100,000		5,750,000

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	2025	2026	2027	2028	2029	Total
Maintenance Costs				-9,000	-9,000	-18,000
Utilities				2,000	2,000	4,000
Total				-7,000	-7,000	-14,000

City of Ankeny, Iowa

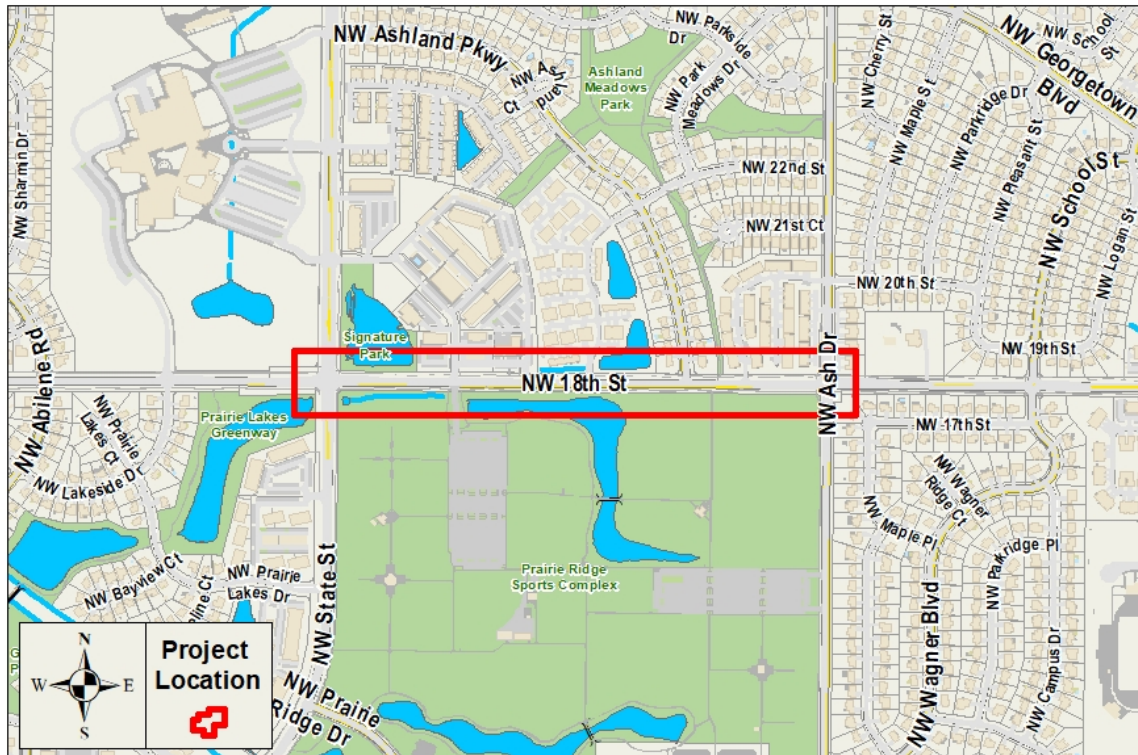
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **STR-22-004**

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 at the intersections with low maintenance plantings on North Ankeny Boulevard between 1st Street and 11th Street.

Justification

The Iowa DOT had already planned for a PCC inlay of northbound North Ankeny Boulevard between 1st Street and 5th Street along with a PCC inlay of southbound North 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 North 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. The Iowa DOT will be responsible for the costs associated with designing and constructing the PCC inlays and right-turn lanes on North 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. The DOT will also be responsible for the construction administration and construction observation on the project except for the traffic signal work and the City owned utilities. 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 Iowa DOT is contributing \$1,885,000 in Resurfacing, Rehabilitation, and Restoration (3R) funding, \$400,000 in Urban-State Traffic Engineering Program (U-STEP) funding, \$1,662,000 in Iowa Clear Air Attainment Program (ICAAP) funding, \$91,045 in Pedestrian Curb Ramp Construction. The City's cost for the project's construction include approximately \$160,000 of water main improvements, \$490,000 of storm sewer improvements, and \$1,100,000 of traffic signal improvements.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	92,000	77,948				169,948
Construction Costs	2,211,000	1,481,007				3,692,007
Total	2,303,000	1,558,955				3,861,955

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	1,653,000	1,558,955				3,211,955
G.O. Bonds - Storm Water Abated	490,000					490,000
Water Fund	160,000					160,000
Total	2,303,000	1,558,955				3,861,955

Budget Impact/Other

The Iowa DOT is responsible for maintenance and snow removal on North 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 at the intersections 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 intersection corners will result in additional water usage by the City during the spring and summer months.

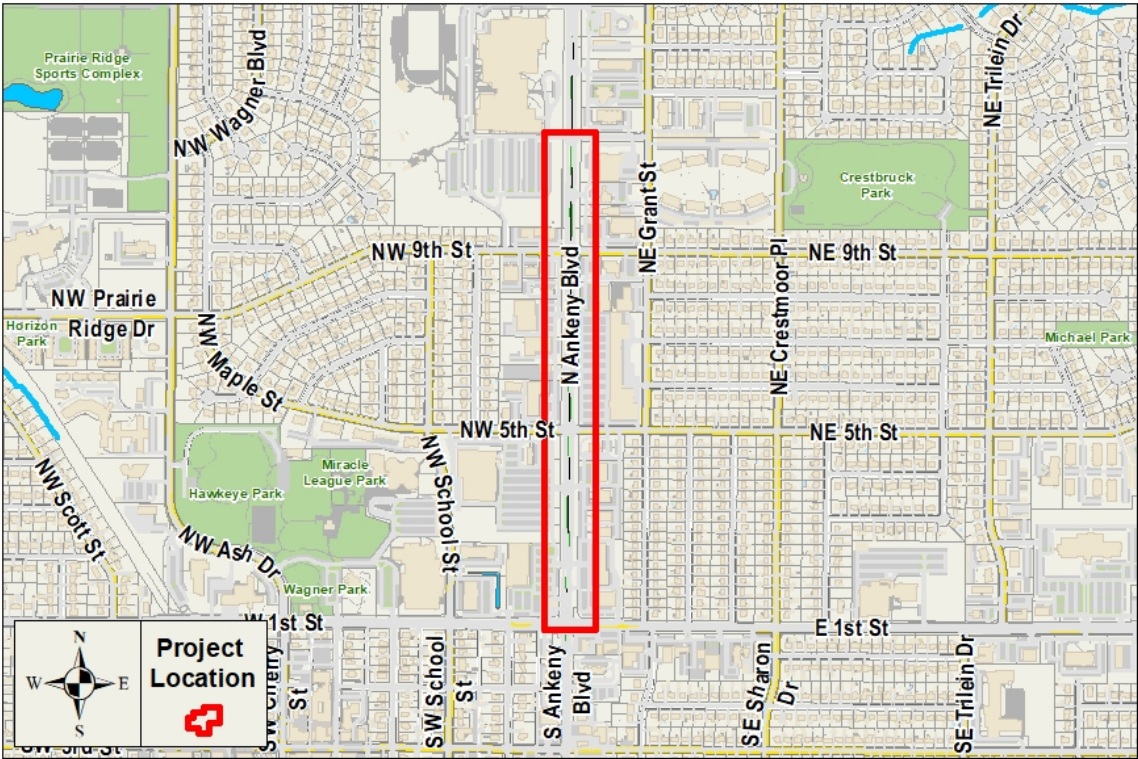
Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			750	750	750	2,250
Utilities			1,000	1,000	1,000	3,000
Total			1,750	1,750	1,750	5,250

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 thru 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 Fourmile 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 I-35. The project is planned for the consultant-led traffic study, conceptual design, and survey to occur in 2029; preliminary design, final design, right-of-way acquisitions, and utility relocations in 2030; construction in 2031 and 2032; and landscaping improvements in 2033. 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 project.

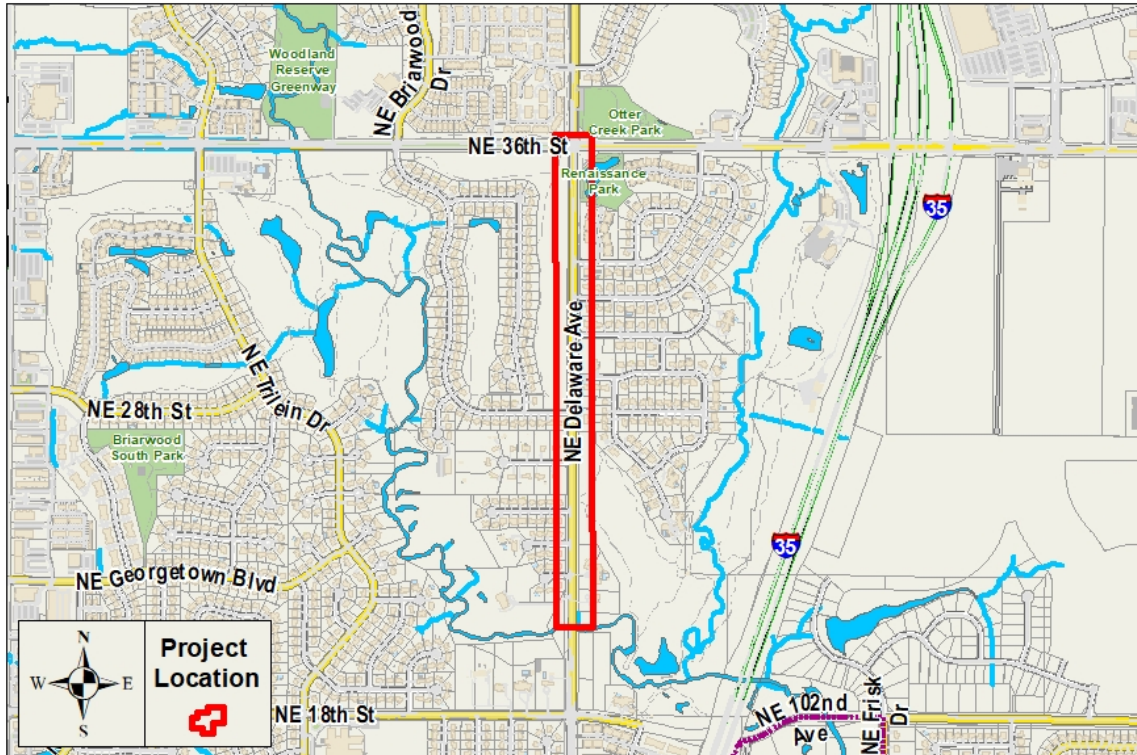
Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design					500,000	500,000
Total					500,000	500,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds					500,000	500,000
Total					500,000	500,000

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.

Project # STR-23-002

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 3rd Street and subsequent fiber optic interconnect.

Consultant-led survey, design, and private utility relocation coordination is scheduled to occur from 2023 to 2025. Land acquisition is anticipated to occur in 2025. Joint utility trench (JUT) construction, private utility relocation, and City utility (water main, sanitary sewer, and storm sewer) construction is anticipated to occur in 2026. The water main construction costs are estimated to be approximately \$1,000,000; the sanitary sewer construction costs are estimated to be approximately \$1,000,000; and the City/ Ankeny Schools fiber optic system construction costs are estimated to be approximately \$200,000. Iowa DOT roadway construction and City side street construction is anticipated to occur during 2027.

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, NR, HSIPX, TSIP, U-STEP (Linear Improvement), and U-STEP (Spot Improvement). The JUT's construction cost and all land acquisition costs will be funded by the Iowa DOT. MidAmerican Energy Company's (MEC) overhead to underground electric conversion will be funded by MEC.

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	2025	2026	2027	2028	2029	Total
Engineering-Design	175,000					175,000
Engineering-Construction Services		125,000	17,000	50,000		192,000
Construction Costs		2,375,000	1,708,000			4,083,000
Street Lighting				325,000		325,000
Total	175,000	2,500,000	1,725,000	375,000		4,775,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	175,000	500,000	1,725,000	375,000		2,775,000
Sewer Fund		1,000,000				1,000,000
Water Revenue Bonds		1,000,000				1,000,000
Total	175,000	2,500,000	1,725,000	375,000		4,775,000

Budget Impact/Other

The Iowa DOT maintains South Ankeny Boulevard (U.S. Highway 69); therefore, it is anticipated that the project will not have an operating impact to the City. Due to City utility (water, sanitary, and storm) improvements being needed as a part of the project, the operating impact to the City will be reviewed further after the final design has been completed.

City of Ankeny, Iowa

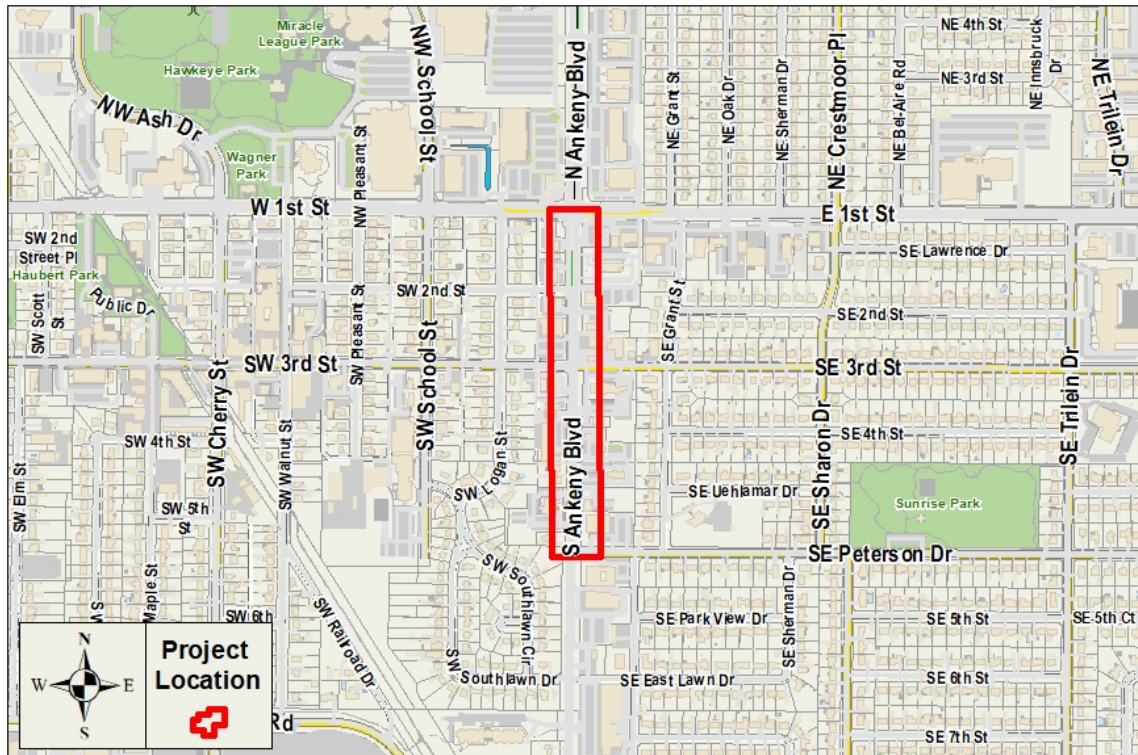
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **STR-23-005**

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 studied the intersection in 2023 to determine the recommended improvements. Survey and preliminary design began in summer 2024 and will be completed in winter 2025; final design, right-of-way acquisition, and utility relocations are planned for 2025; and construction is planned for 2026.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	350,000					350,000
Engineering-Construction Services		300,000				300,000
Construction Costs		3,000,000				3,000,000
Street Lighting		120,000				120,000
Land/ROW Acquisition	50,000					50,000
Total	400,000	3,420,000				3,820,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	400,000	3,420,000				3,820,000
Total	400,000	3,420,000				3,820,000

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.

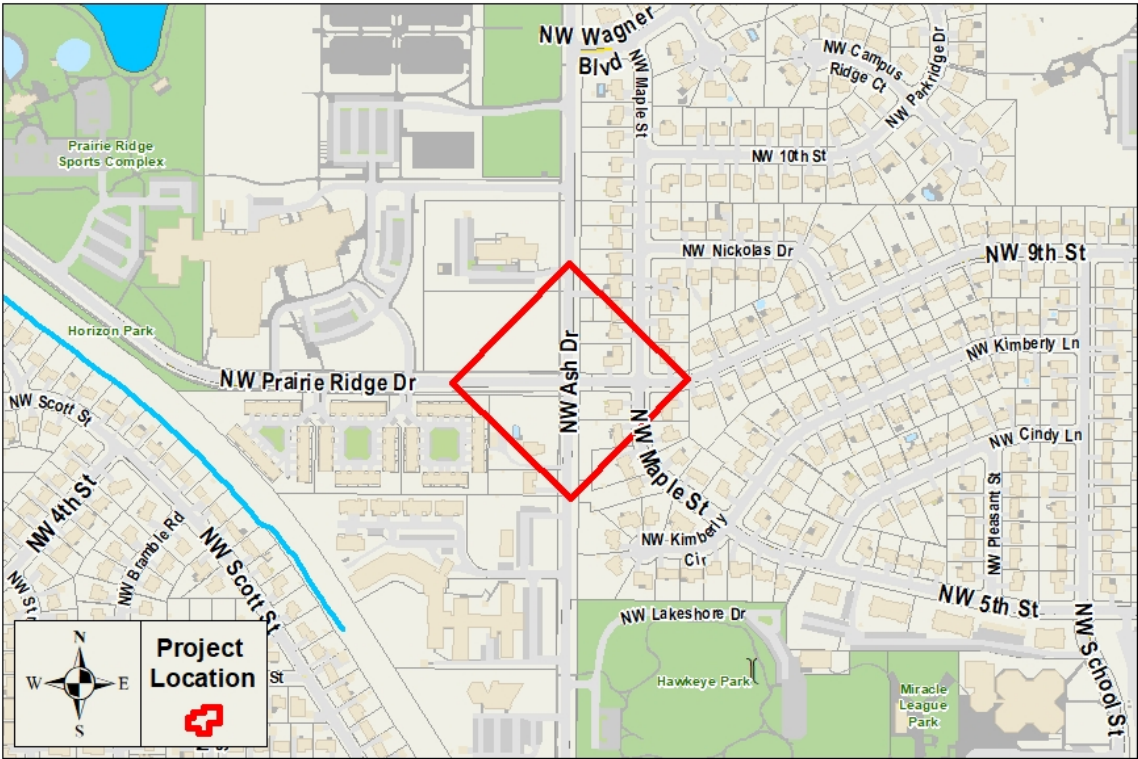
Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			500	500	500	1,500
Utilities			1,300	1,300	1,300	3,900
Total			1,800	1,800	1,800	5,400

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 1,300 feet north. Proposed improvements include two-lane PCC curb-and-gutter paving, storm sewers, sidewalks, and streetlights.

Justification

This project will 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 applied for and were granted 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. The design will be completed in 2024 and construction will occur in 2025.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	170,000					170,000
Construction Costs	1,700,000					1,700,000
Total	1,870,000					1,870,000

Funding Sources	2025	2026	2027	2028	2029	Total
FHWA/IDOT Grants	767,640					767,640
Private Contributions	1,102,360					1,102,360
Total	1,870,000					1,870,000

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.

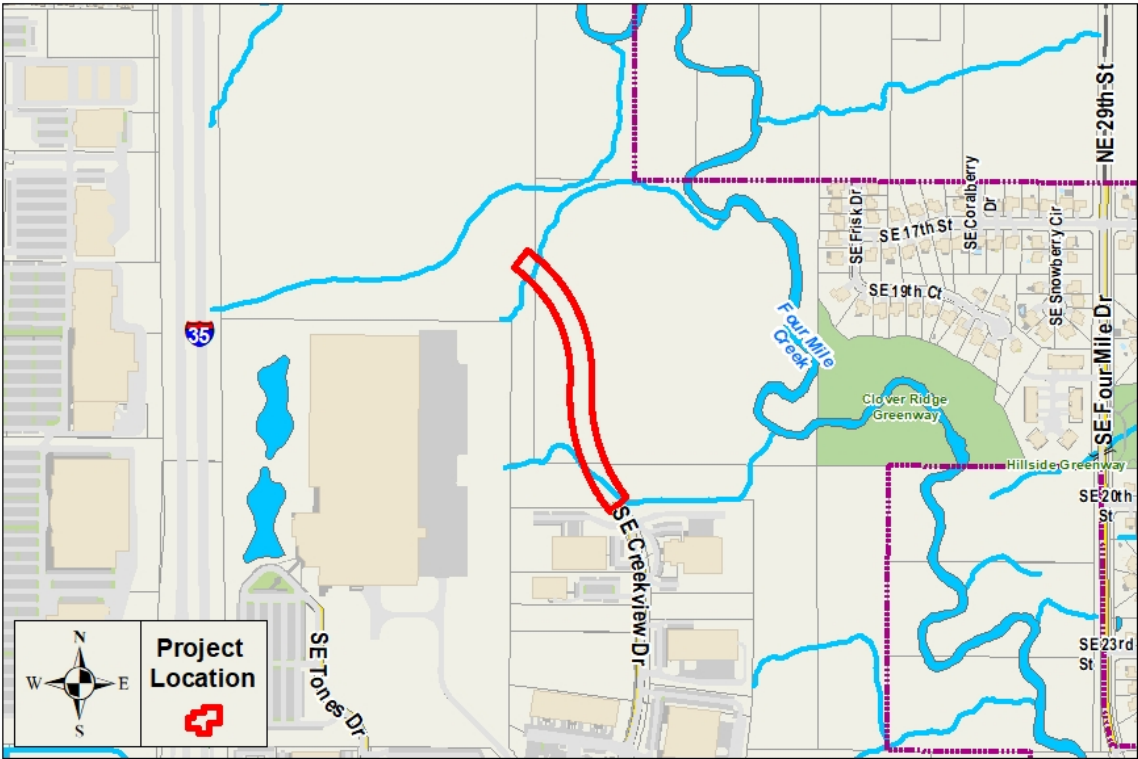
Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		1,000	1,000	1,000	1,000	4,000
Utilities		2,500	2,500	2,500	2,500	10,000
Total		3,500	3,500	3,500	3,500	14,000

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-25-001

Project Name I-35 & NE 36th St Interchange Improvements

Description

The project will design and construct street and traffic signal infrastructure improvements on NE 36th Street, from just west of I-35 to just east of I-35, to provide more capacity and improved mobility for additional traffic from future development east of I-35. The project will also include design and construction of capacity improvements at the southbound and northbound I-35 ramps. Based on feedback received from the Iowa DOT in the Fall of 2024, an Interchange Operations Report (IOR) will need to be completed and approved by the Iowa DOT and Federal Highway Administration prior to the project's design phase beginning.

Justification

The purpose of the project is to prepare for future mixed commercial, services, recreational, office, and residential development with the design and construction of street and traffic signal improvements on NE 36th Street, from just west of I-35 to just east of I-35, and the northbound and southbound I-35 ramps. The traffic impact study completed for the proposed Plaza 36 Development on the south side of NE 36th Street, east of I-35, showed the need for an additional westbound left turn lane on NE 36th Street at the southbound I-35 ramps intersection; and an additional receiving lane on the southbound I-35 on-ramp. Traffic signal modifications will also be required. Based on feedback received from the Iowa DOT in the Fall of 2024, they want the interchange improved to the full-build condition shown in the 2008 Interchange Justification Report (IJR). The proposed improvements will be confirmed by the traffic study and IOR. At this time, the proposed schedule for the project includes the traffic study and IOR in 2025, design in 2025 and early 2026, and construction in 2026. Based on feedback received from the Iowa DOT in the Fall of 2024, it is assumed the City will be responsible for the IOR, design and construction costs, and the Iowa DOT would be responsible for the construction administration and observation.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	300,000	100,000				400,000
Construction Costs		4,000,000				4,000,000
Planning Study	150,000					150,000
Total	450,000	4,100,000				4,550,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - TIF Abated	450,000	4,100,000				4,550,000
Total	450,000	4,100,000				4,550,000

Budget Impact/Other

The additional public street pavement on NE 36th Street will increase maintenance costs for the City due to the additional winter maintenance and sweet sweeping that will be required. The southbound and northbound I-35 ramps are the Iowa DOT's responsibility to maintain.

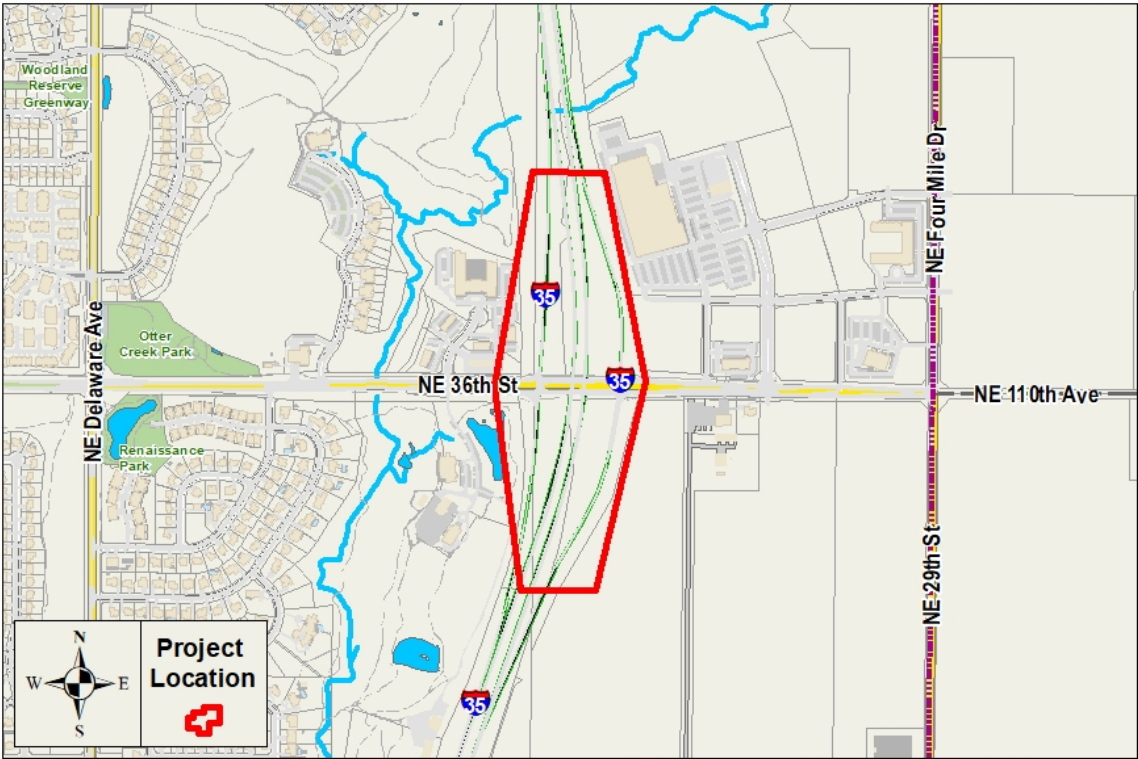
Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		250	250	250	250	1,000
Total		250	250	250	250	1,000

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

Project #	STR-25-001
Project Name	I-35 & NE 36th St Interchange Improvements



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-25-002

Project Name SE Delaware Ave Capacity Improvements

Description

The project will add 10 to 12 right-turn lanes on SE Delaware Avenue and select cross streets from SE Oralabor Road through SE Magazine Road, to add needed capacity and separate slow-moving right-turning vehicles from the flow of thru-traffic. The project concept includes reconstruction of pedestrian ramps to meet ADA standards and replacement of traffic signal poles as needed. The project also includes needed pavement patching and asphalt overlay to extend the service life of the street pavement.

Justification

Approximately 25,000 vehicles travel on SE Delaware Avenue north of SE Oralabor Road each day (24-hour traffic count in 2023). The corridor is the site of the City's primary 'big box' shopping area, as well as numerous offices, banks, small businesses, and restaurants. At most intersections and commercial accesses, right-turns off the arterial street are completed from a thru-travel lane, slowing all other vehicles, exacerbating queues and delays, and contributing to rear-end and sideswipe crash incidence (which constitutes nearly 60% of all crashes within the corridor). Adding right-turn lanes at select intersection approaches will benefit both traffic flow and safety. This project will also address the 2023 Pavement Management Study & Master Plan recommendation for completing a combination of pavement preservation treatments (full-depth repairs, joint refilling and HMA overlay) on SE Delaware Avenue within the project limits. The project schedule includes concept study and survey in 2027; preliminary design in 2028; final design, property acquisition, purchase of traffic signal poles, and utility relocations in 2029; and construction (estimated at approximately \$4,000,000) with consultant inspection services in 2030-2031.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design			50,000	300,000	200,000	550,000
Land/ROW Acquisition					75,000	75,000
Other Costs					150,000	150,000
Survey/Preliminary Analysis			50,000			50,000
Total			100,000	300,000	425,000	825,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds			100,000	300,000	425,000	825,000
Total			100,000	300,000	425,000	825,000

Budget Impact/Other

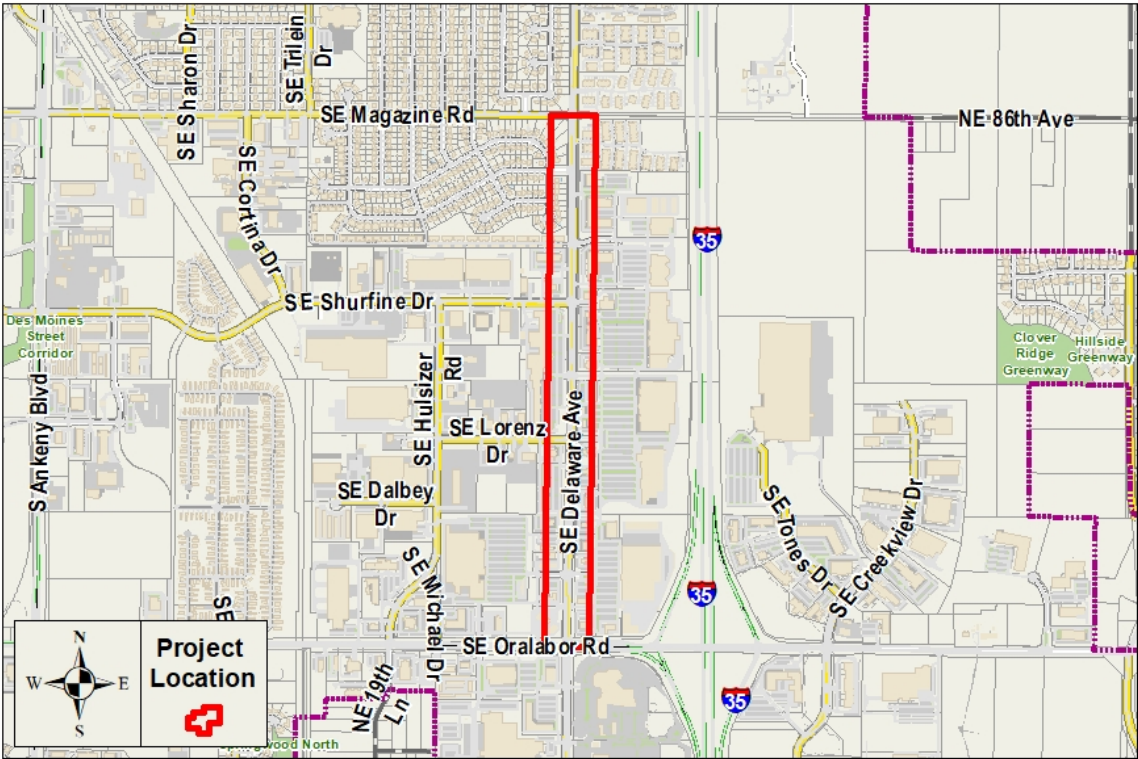
Widening for right-turn lanes will increase time for snow-removal operations. Completion of the pavement preservation treatments will reduce the frequency for pavement repairs.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 thru 2029

Department Public Works
Contact City Engineer

Project #	STR-25-002
Project Name	SE Delaware Ave Capacity Improvements



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-25-003

Project Name NW State St Widening & Rehab W 1st St - NW 18th St

Description

Widening and pavement rehabilitation of NW State Street from West 1st Street to NW 18th Street. The project will widen NW State from a 4-lane street to a 5-lane street. The project also includes complete reconstruction of the intersections along NW State Street at NW 4th Street, NW 9th Street, and NW Prairie Ridge Drive; full depth repair of the transverse joints from NW Prairie Ridge Drive to NW 18th Street; a northbound right turn lane at the NW Prairie Ridge Drive intersection; storm sewer improvements at the intersections of NW State Street with NW 4th Street and NW 9th Street; new traffic signals at the intersections of NW State Street with NW 9th Street and NW Prairie Ridge Drive; and an asphalt overlay of the entire project area.

It is anticipated that the project will also include approximately 2,800 linear feet of 12-inch distribution water main on the west side of NW State Street from W 1st Street to NW 10th Street. The Water Fund will provide the estimated \$855,000 for the water main design and construction costs and is not included in this estimate.

Justification

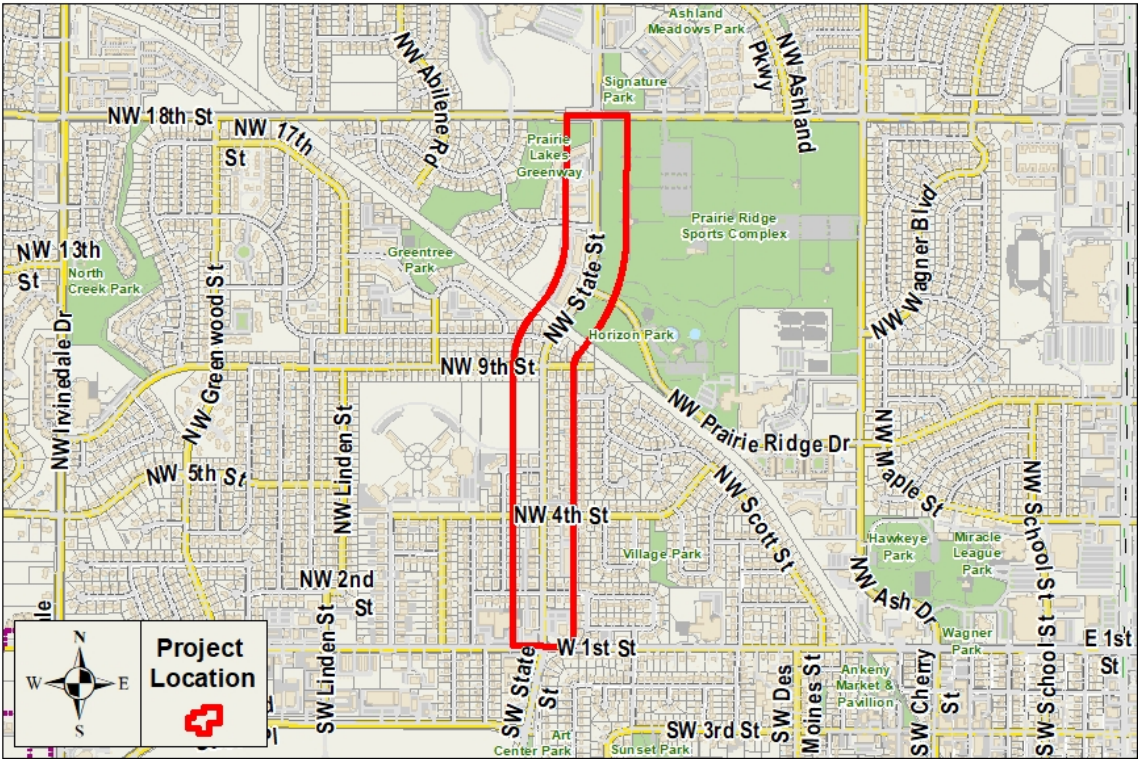
It is anticipated that traffic volumes will necessitate widening NW State Street from West 1st Street to NW 18th Street within the next five years. This segment of NW State Street has received partial depth repair in 2018 and 2019 and full depth PCC patching in 2023 and 2024. The NW State Street Corridor Improvements Study, which will be proposed in the FY 2026 operating budget, will determine the specific capacity improvements and pavement rehabilitation needed for the project. Survey and preliminary design are planned for 2028; final design, right-of-way acquisition, and utility relocations are planned for 2029; and construction and consultant construction engineering are planned for 2030 and 2031. The construction and construction engineering costs are estimated at \$3,150,000 in each of the two years.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design				350,000	350,000	700,000
Land/ROW Acquisition					150,000	150,000
Total				350,000	500,000	850,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds				350,000	500,000	850,000
Total				350,000	500,000	850,000

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, overlaying NW State Street with asphalt 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 street. 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 will result in additional electric power costs to the City.

Project #	STR-25-003
Project Name	NW State St Widening & Rehab W 1st St - NW 18th St



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Project # STR-25-004

Project Name Local Public Streets: Enhanced Design Standards

Description

Reimbursements to developers for the cost of constructing subdrains on both sides of the street and rock subbase under the pavement for all local public streets constructed with development projects.

Justification

The City's 2023 Pavement Management Study and Master Plan, which was received and filed by the City Council on December 18, 2023, provided recommendations for improving the current pavement design standards for public streets constructed with development projects in order to maximize the performance and service life of streets.

The City Council approved a Policy on the Pavement Design Standards for Public Streets Constructed with Development Projects on October 7, 2024. The policy defines the requirements for the design and construction of public streets constructed with development projects in the City. The policy is based on the City's desire to deliver on the expectations created with the City Council's adopted strategic plan goal to "Upgrade Essential Infrastructure" and the accompanying strategy to "[i]dentify, present, and implement enhanced engineering standards for public infrastructure". In summary, the policy requires C-SUD concrete mix to be used for all new public streets (locals, collectors and arterials) constructed with development projects. The policy also requires, in addition to subgrade preparation, subdrains on both sides of the street and rock subbase under the pavement for all collector and arterial streets constructed with development projects.

To expand upon the policy and enhance the pavement design standards for all streets constructed with development projects, the City will reimburse developers for the cost of constructing subdrains on both sides of the street and rock subbase under the pavement for local public streets. The quantity of local public streets constructed with development projects varies each year. The \$1,500,000 per year amount shown in the table is an average based on City development data from 2021 through 2023.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Budget Impact/Other

Implementing the enhanced pavement design standards for all local public streets constructed with development projects will reduce the long-term street pavement repair and maintenance costs for the City.

Project # STR-25-004

Project Name Local Public Streets: Enhanced Design Standards



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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 or upgraded traffic signals and minor fiber optic network expansions & upgrades (listed in order of priority):

2025 – SW State Street & NW 72nd Place Improvements: westbound right-turn lane and traffic signal upgrade - \$320,000
 2025 – Trail Crossing Upgrades: High Trestle Trail at NW Weigel Drive, Gay Lea Wilson Trail at SE 54th Street - \$50,000
 2025 – SE Oralabor Road & SE Delaware Avenue and I-35 Ramps Traffic Signal Equipment Upgrades - \$325,000
 2025 – S Ankeny Boulevard & Oralabor Road: Detection Replacement and New Monitoring Camera - \$50,000
 2025-2026 – SE Oralabor Road & SE Four Mile Drive Traffic Signal - \$185,000 in 2025; \$550,000 in 2026
 2025-2029 - Miscellaneous Traffic Control or Fiber Optic Upgrades - \$40,000 per year
 2025-2029 – Reimbursement for Development-related Traffic Signals - \$180,000 per year
 2026 – E 1st Street & Trilein Drive Traffic Signal Equipment Upgrades - \$130,000
 2026-2029 – Trail/ Pedestrian/ Bicycle/ School Crossing Upgrades - \$50,000 per year
 2026-2029 – New Traffic Signal: locations - \$190,000 in 2026-2029; \$560,000 in 2027-2029
 2027 – Traffic Signal Replacement: S Ankeny Boulevard & SE 8th Street - \$335,000
 2028 – Traffic Signal Replacement: S Ankeny Boulevard & Lorenz Drive - \$335,000
 2027-2028 – Traffic Signal Equipment Upgrades - \$115,000 per year
 2027-2029 – Fiber Optic Network Expansions & Upgrades - \$220,000 per year
 2029 – Traffic Signal Replacement and/or Equipment Upgrades - \$450,000 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 2024 and review of crash experience will identify intersections for signalization 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	2025	2026	2027	2028	2029	Total
Engineering-Design	120,000	120,000	155,000	155,000	155,000	705,000
Construction Costs	510,000	800,000	1,245,000	1,245,000	1,245,000	5,045,000
Other Costs	520,000	220,000	290,000	290,000	290,000	1,610,000
Total	1,150,000	1,140,000	1,690,000	1,690,000	1,690,000	7,360,000

Funding Sources	2025	2026	2027	2028	2029	Total
County Contributions	85,000					85,000
G.O. Bonds	1,065,000	1,140,000	1,690,000	1,690,000	1,690,000	7,275,000
Total	1,150,000	1,140,000	1,690,000	1,690,000	1,690,000	7,360,000

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	2025	2026	2027	2028	2029	Total
Utilities	6,200	6,900	7,600	8,300	9,000	38,000
Total	6,200	6,900	7,600	8,300	9,000	38,000

Project # TRF-00-001

Project Name Annual Traffic Signal Improvement Program



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2025 - 2029 Capital Improvement Program

2025 *thru* 2029

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, 24,000 feet of conduit, and 30 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. The proposed schedule includes construction in 2025 and 2026, with communication infrastructure to Fire Station #4 in fall 2025.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	50,000	100,000				150,000
Construction Costs	840,000	600,000				1,440,000
Total	890,000	700,000				1,590,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	890,000	700,000				1,590,000
Total	890,000	700,000				1,590,000

Budget Impact/Other

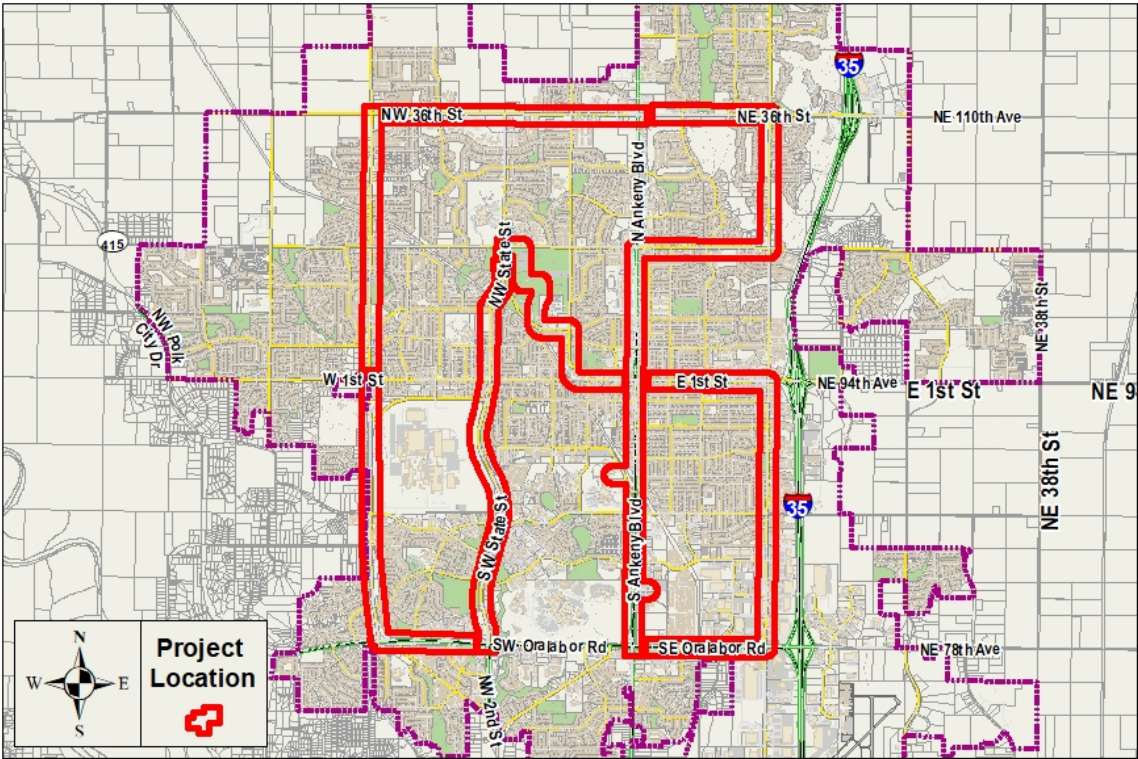
The project upgrades the City's existing fiber optic system to provide more reliable service and reduce outages, so a minimal impact to operating costs is expected.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 thru 2029

Department Public Works
Contact City Engineer

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



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Unassigned

Project # TRF-25-001

Project Name Uptown Lighting Upgrades

Description

The project includes material purchase and contractor services to upgrade street lighting in Uptown to LED fixtures.

Justification

The project will convert existing street lighting in the Uptown area to LED fixtures. The existing fixtures and decorative pole tops are nearing the end of their service life and utilize an older and less efficient high-pressure sodium (HPS) fixture. Additionally, several pole tops have been damaged by trees over the years. If there is interest in replacing the faded 25-year-old streetlight poles with new poles on the same foundations, the estimated additional cost would be \$160,000. If the entire street lighting system was to be replaced, potentially as part of a larger project to improve Uptown sidewalks, the estimated additional cost would be \$560,000.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	5,000					5,000
Construction Costs	20,000					20,000
Other Costs	90,000					90,000
Total	115,000					115,000

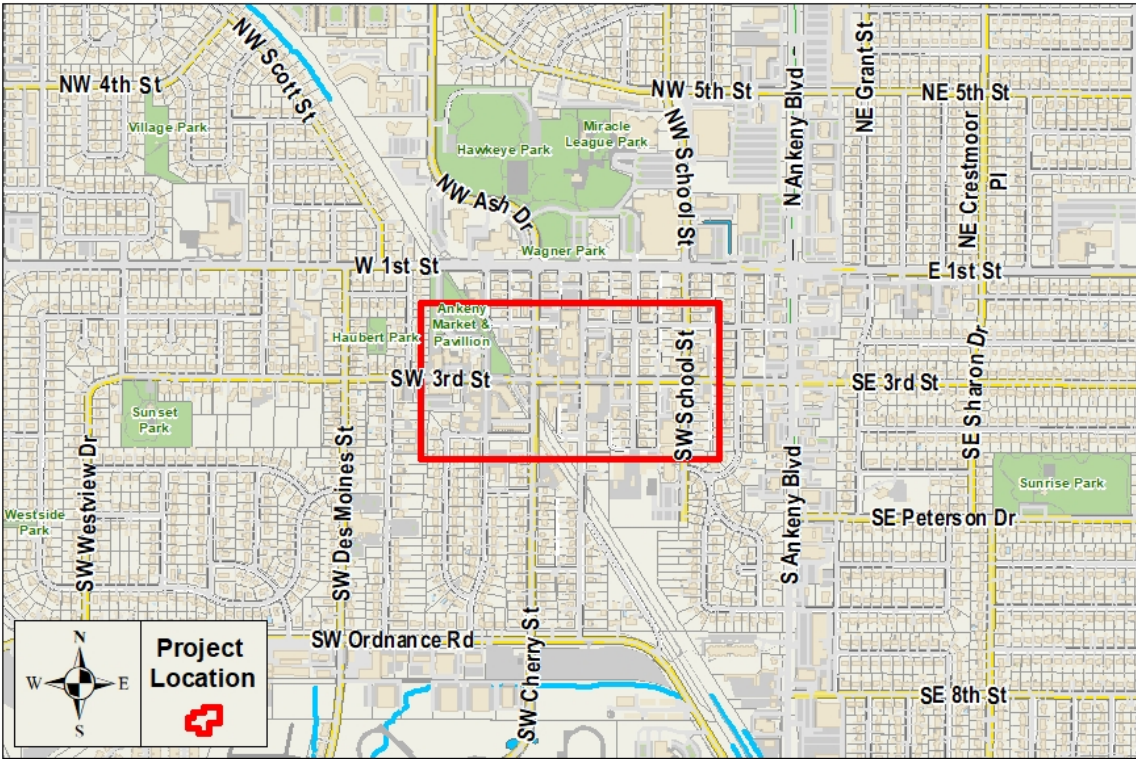
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - TIF Abated	115,000					115,000
Total	115,000					115,000

Budget Impact/Other

The project will result in lower electricity cost to the City because the new LED luminaires will use approximately 30% less power. LED fixtures also have approximately 10 times the service life of HPS bulbs, resulting in less frequent replacement of fixtures.

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		-300	-300	-300	-300	-1,200
Utilities		-2,000	-2,000	-2,000	-2,000	-8,000
Total		-2,300	-2,300	-2,300	-2,300	-9,200

Project #	TRF-25-001
Project Name	Uptown Lighting Upgrades



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Traffic Control

Project # TRF-25-002

Project Name SW Magazine Rd and SW District Dr Traffic Signal

Description

The project includes design in 2025 and construction of a traffic signal at the SW Magazine Road and SW District Drive intersection in 2026.

Justification

The project will fulfill the City's commitment established in the development agreement with DRA Properties, LC (Developer) in February 2023, to construct a traffic signal at the intersection of SW Magazine Road and SW District Drive when needed. 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. Temporary construction easement will be needed for modification of the median on the north leg of the intersection.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	60,000					60,000
Engineering-Construction Services		40,000				40,000
Construction Costs		470,000				470,000
Land/ROW Acquisition		5,000				5,000
Other Costs		120,000				120,000
Total	60,000	635,000				695,000

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	60,000	545,000				605,000
Private Contributions		90,000				90,000
Total	60,000	635,000				695,000

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	2025	2026	2027	2028	2029	Total
Utilities			300	300	300	900
Total			300	300	300	900

City of Ankeny, Iowa

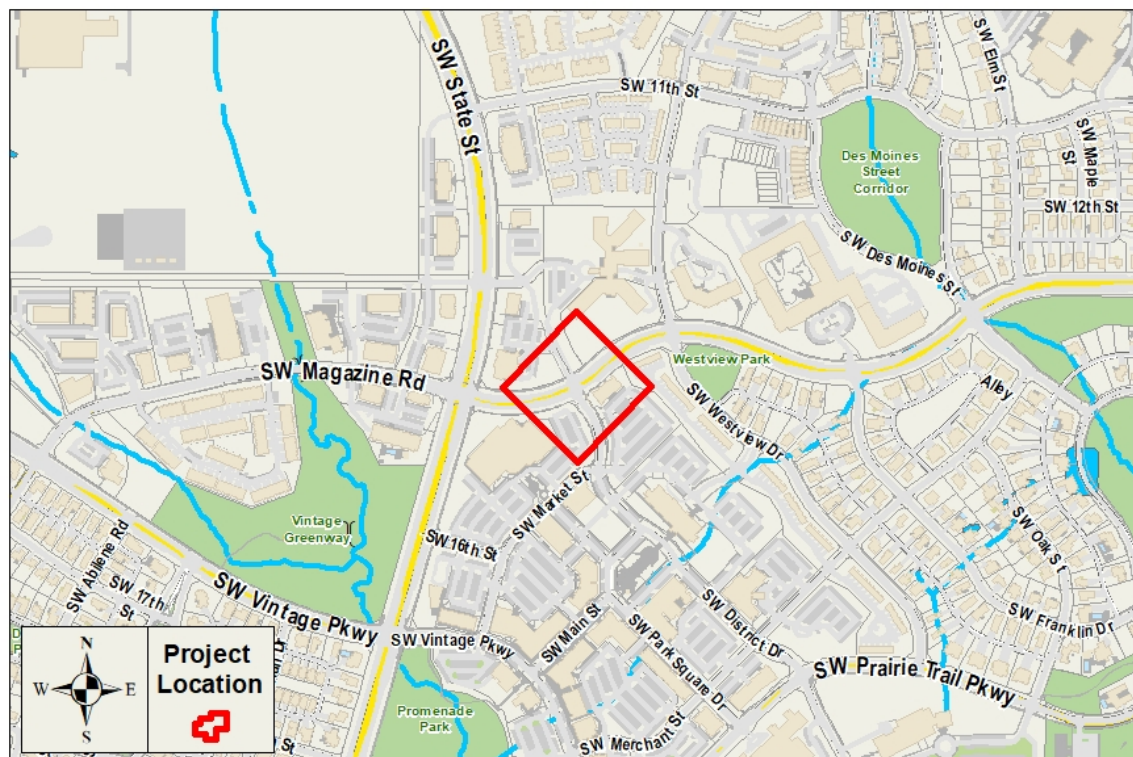
2025 *thru* 2029

Department Public Works

Contact City Engineer

Project # **TRF-25-002**

Project Name SW Magazine Rd and SW District Dr Traffic Signal



2025 - 2029 Capital Improvement Program

2025 *thru* 2029

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 20 years

Category Traffic Control

Project # TRF-25-003

Project Name Adaptive Traffic Signal Control - Phase 1

Description

Adaptive traffic control systems (ATCS) is a technology that captures real-time traffic demand data and uses it to adjust traffic signal timings along a specified corridor to optimize traffic flow in coordinated systems. This project is planned for deployment at 10 to 12 intersections on SE Oralabor Road (centered on the I-35 interchange and the intersection with SE Delaware Avenue) and on SE Delaware Avenue north of Oralabor Road. Depending on the ATCS selected, deployment will include upgrade of vehicle detection systems at 4 to 5 intersections, and upgrade of traffic signal cabinets and controllers at 2 to 3 intersections.

Justification

The purpose of an adaptive traffic control system is to reduce traffic delay, improve travel times, and decrease travel time variability. They can also decrease air pollutant emissions, which helps the environment. Compared to traditional time-of-day coordination systems, adaptive traffic signal control technologies can react in real time to traffic accidents, special events, road construction, and other occurrences. An application for partial funding through Iowa's Clean Air Attainment Program (ICAAP) will be considered. Potential future phases of the system will be considered for Oralabor Road, Ankeny Boulevard, 36th Street and/ or State Street.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs				180,000		180,000
Other Costs				320,000		320,000
Survey/Preliminary Analysis			25,000			25,000
Total			25,000	500,000		525,000
Funding Sources	2025	2026	2027	2028	2029	Total
FHWA/IDOT Grants				400,000		400,000
G.O. Bonds			25,000	100,000		125,000
Total			25,000	500,000		525,000

Budget Impact/Other

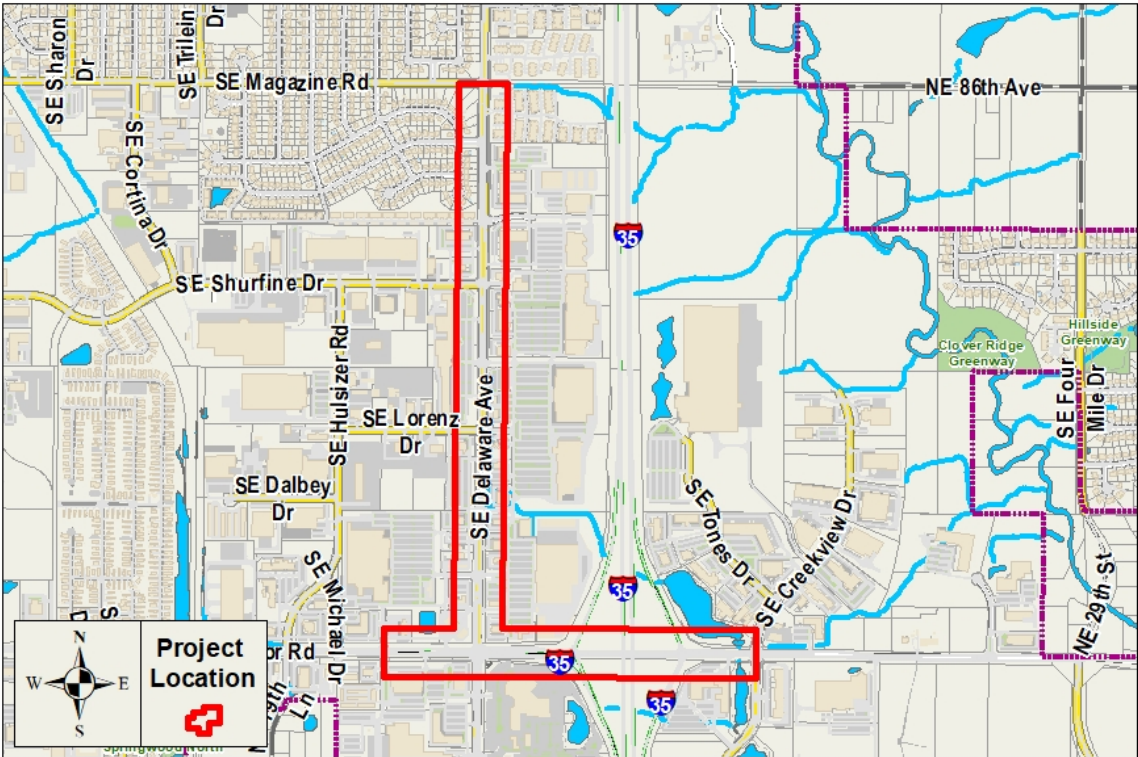
Depending on ATCS selected, annual funding may be needed for cloud-based storage and/ or engineering services for adjustments. This will be determined during the project's planning stage.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

Project #	TRF-25-003
Project Name	Adaptive Traffic Signal Control - Phase 1



2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

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

Project #	TRF-25-004
Project Name	SE Four Mile Dr Corridor Traffic Study

Description

Traffic study of the SE Four Mile Drive corridor from SE Corporate Woods Drive to the south corporate limit to evaluate potential future street and intersection improvements. The study will analyze needed capacity (number of lanes), access management, and intersection traffic control treatments (traffic signals, roundabouts, etc.).

Justification

The City’s first Transportation Master Plan (TMP, 2024) developed a methodology to prioritize anticipated future capital improvement projects for the existing and planned street network, and also identified several corridor traffic studies needed to further analyze improvement needs. Completing these studies will inform the Capital Improvement Program (CIP) by defining the scope of corridor projects earlier, supporting coordination among construction impacts, timely applications for outside funding, additional time for property acquisition and utility coordination, and streamlined design processes. Traffic study for the SE Four Mile Drive corridor was the highest-prioritized among all studies recommended by the TMP in the next five years, due to the on-going, planned and anticipated economic growth of multiple light industrial properties and associated developments that will depend on the arterial street for access to the regional highway system.

Expenditures	2025	2026	2027	2028	2029	Total
Survey/Preliminary Analysis					175,000	175,000
Total					175,000	175,000
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds					175,000	175,000
Total					175,000	175,000

Budget Impact/Other

This project is a study; therefore, there are no operating impacts.

2025 - 2029 Capital Improvement Program
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works
Contact City Engineer

Project #	TRF-25-004
Project Name	SE Four Mile Dr Corridor Traffic Study

