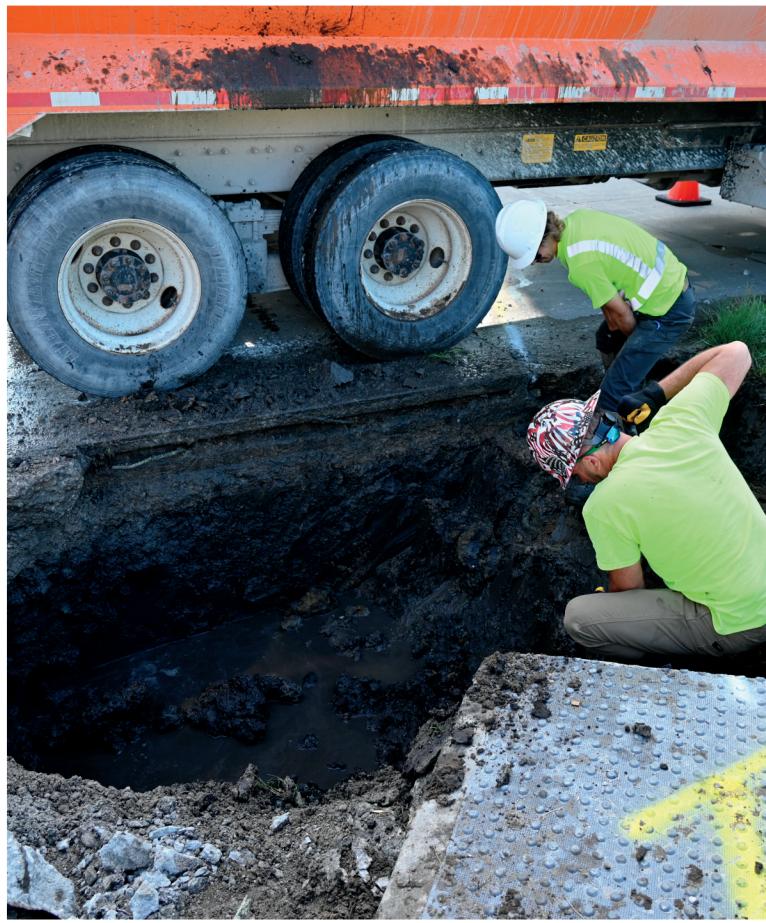


# CAPITAL IMPROVEMENT PROGRAM

2025-2029



*city of*  
**Ankeny**

## **2025-2029**

### **CAPITAL IMPROVEMENT PROGRAM**

#### **INTRODUCTION**

The capital improvement program serves as a guide for the provision of public improvements and outlines the timing and financing of projects for a five-year period. The capital budget is a significant portion of the fiscal year 2026 budget. It includes the costs associated with the 2025 capital projects, the first year of the 2025-2029 Capital Improvement Program.

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

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

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

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

#### **FISCAL OVERVIEW**

The 2025-2029 Capital Improvement Program reflects a \$9,029,045 decrease in project expenditures compared to last year's program. This decrease is attributed to the construction of the Fire Station No. 4 project in the municipal buildings category and the Northwest Water Tower project in the water towers/storage category in 2024.

#### **GOALS**

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

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

In addition to these goals, *The Ankeny Plan 2040* serves as the basis for many of the city's policy decisions related to a wide range of issues including capital projects. *The Ankeny Plan 2040* community goals related to the 2025-2029 Capital Improvement Program include:

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

## **PROCESS**

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

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

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

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

Since the 2025 capital improvement program projects will become part of the adopted fiscal year 2026 budget, the emphasis in the capital improvement program process is on the 2025 capital program. The projects for the remaining four years of the program become part of the city's long-term financial program. Although not an official part of the capital improvement program, an overall summary is included that contains an additional five years of high priority projects.

## **PROGRAM OVERVIEW**

For 2025-2029, the capital improvement program totals \$235,836,955. Of this total, 54.15% is identified for transportation projects, 29.54% for municipal utilities (water, sewer and storm water) projects, 10.94% for municipal buildings, 3.07% for park facilities, 1.28% for sidewalks/trails and 1.02% for operating/construction equipment.

Capital spending authorizations by project category for 2025 include:

<b>Project Category</b>	<b>Expenditures</b>	<b>% of Expenditures</b>
Municipal Buildings	\$ 240,000	0.74%
Park Facilities	1,396,000	4.34%
Sanitary Sewers	2,590,000	8.05%
Sidewalks/Trails	620,000	1.93%
Storm Water	4,628,500	14.38%
Streets	17,773,000	55.22%
Traffic Control	2,215,000	6.88%
Water Mains	2,325,000	7.22%
Water Towers/Storage	400,000	1.24%
<b>Total</b>	<b>\$ 32,187,500</b>	<b>100.00%</b>

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

## **FINANCIAL PLAN**

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

The financial plan presents a diversified approach to funding the 2025-2029 Capital Improvement Program with 58.00% coming from sources other than property taxes. The plan focuses on finding revenue sources

from outside the community to lessen the burden on taxpayers and aggressively seeks partnerships for enhancing the city's infrastructure. The capital improvement program financial plan relies on regular general obligation debt with substantial reinvestment in infrastructure. Typically, any infrastructure reinvestment, such as street rehabilitation, is funded primarily by property taxes from the debt service levy.

Below is a summary of the funding sources for the 2025-2029 Capital Improvement Program.

<b>Funding Source</b>	<b>Revenues</b>	<b>% of Revenues</b>
Property Taxes	\$ 99,046,504	42.00%
Grants and Intergovernmental	10,669,140	4.52%
Tax Increment Financing	31,329,500	13.29%
Municipal Utilities Revenues	78,397,451	33.24%
Miscellaneous Revenues	16,394,360	6.95%
<b>Total</b>	<b>\$ 235,836,955</b>	<b>100.00%</b>

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

#### **PROPERTY TAXES**

Property taxes, specifically those collected through the city's debt service levy, are the largest source of revenue for the capital improvement program representing \$99,046,504, or 42.00%, of the overall financial plan. Property tax revenue is used to make principal and interest payments on general obligation debt issued by the city to pay for infrastructure projects.

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

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

#### **GRANTS AND INTERGOVERNMENTAL**

Each year staff looks for opportunities outside of the normal funding mechanisms (property taxes and utility rates) to assist with the construction of infrastructure projects. These opportunities can include

awards of federal and state grants, regional resources, or assistance from other governments. The proposed capital improvement program financial plan identifies \$10,669,140 to be received from grant awards or intergovernmental assistance, representing 4.52% of all revenue sources.

The projects most dependent upon grants and intergovernmental support are the West 1<sup>st</sup> Street Widening and Improvements – Phase 2, South Ankeny Boulevard and SE Oralabor Road Intersection Improvements and SW Oralabor Road and SW Irvindale Drive Intersection Improvements. Staff has secured \$2,600,000 from the Iowa Department of Transportation (DOT) and \$5,566,500 from the Des Moines Area Metropolitan Planning Organization (MPO) for these projects.

For 2025, staff has secured \$85,000 from Polk County and \$767,640 from the Iowa DOT for the Annual Traffic Signal Improvement Program – SW State Street and NW 72<sup>nd</sup> Place westbound right turn lane and traffic signal upgrade and SE Creekview Drive Extension projects. The City has also applied for a Polk County Development grant for the High Trestle Trail Experience Park.

### **TAX INCREMENT FINANCING**

Of the five funding sources, \$31,329,500, or 13.29%, is being financed through TIF abatement. The Interstate 35 and NE 36<sup>th</sup> Street Interchange Improvements project is planned for preliminary design in 2025 and the Uptown Lighting Fixture Upgrades and Uptown Parking Improvements projects are planned for construction in 2025. These projects are located within the Ankeny 1991 Urban Renewal Area and Ankeny Northeast Urban Renewal Area.

### **MUNICIPAL UTILITIES**

The municipal utilities (water, sewer and storm water) help support numerous infrastructure projects to ensure each utility can adequately provide service to Ankeny's utility customers. Resources from the utility funds make up \$78,397,451, or 33.24%, of the capital improvement program financial plan.

Projects within the annual utility programs for 2025 include:

- NW Northlawn Area utility improvements;
- Westlawn Place Area utility improvements;
- Sanitary sewer spot repairs, manhole repairs and slip lining;
- Sanitary sewer and water main oversizing; and
- Storm water projects include maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway; intake replacement – 3110 block of SW Logan Street; pipe replacement – 700 block of NE 5<sup>th</sup> Street; flared-end section ditching – SE Corporate Woods Drive; Tradition Detention Basin grate replacement; Michael Park erosion repairs; North Creek Park subdrain repairs; pipe repair – 1500 block of NW Linwood Drive; detention basin improvements – South Ankeny Boulevard and SE 16<sup>th</sup> Street; and other minor storm water management and storm sewer improvements and repairs.

Major utility projects planned for 2025 construction include the SE 3<sup>rd</sup> Street Trunk Sewer Extension, Trestle Ridge Trunk Sewer Cost Share, Sawgrass Park Dam Improvements, Four Mile Creek and Tributary Channel Stabilization – NE 47<sup>th</sup> Street to NE 54<sup>th</sup> Street, SE 3<sup>rd</sup> Street Area Trunk Storm Sewer Improvements, Four Mile Creek Channel Stabilization – NE 36<sup>th</sup> Street to NE 47<sup>th</sup> Street, Four Mile Creek Channel Stabilization – Heritage Park, SW Des Moines Street Utility Improvements and SW Walnut Street and SW Ordnance Road Water Main Improvements.

#### **MISCELLANEOUS REVENUES**

The financial plan includes contributions from miscellaneous sources totaling \$16,394,360, or 6.95%, of the 2025-2029 Capital Improvement Program. This includes capital project fund cash balances, capital reserve fund cash balances, hotel/motel tax fund revenues, park dedication fund cash balances, private contributions, road use tax fund revenues and special assessment revenues.

#### **CONCLUSION**

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

Projects proposed for completion from 2025-2029 will sustain existing infrastructure and support the expansion of new economic development opportunities. It is noted, however, that a significant number of projects will need to be considered in the future. With this in mind, the capital improvement program represents a balanced approach, making prudent investments while targeting construction in areas essential to sustaining Ankeny's commitment to attracting businesses, managing growth, and improving the quality of life.

# Section 1

## 2025 CIP Projects by Funding Source

Project	Project #	2025	General Obligation Bonds				Revenue Bonds		Miscellaneous						
			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 Sanitary Sewer Replacement Program	SNS-00-001	1,385,000							1,385,000						
Annual Storm Water Replacement Program	STM-00-001	690,000							690,000						
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						
Annual Water Main Replacement Program	WTM-00-001	875,000							875,000						
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 - West 1st Street to NW 18th Street	SDW-25-002	160,000							160,000						
SE 3rd Street Trunk Sewer Extension	SNS-20-002	650,000							650,000						
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000							325,000						
Deer Creek Trunk Sewer Extension - Phase 1	SNS-23-003	230,000							230,000						
Sawgrass Park Dam Improvements	STM-19-004	700,000		700,000											
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	536,500		536,500											
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	740,000		545,000					195,000						
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	439,000		439,000											
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	138,000		138,000											
SW Des Moines Street Utility Improvements	STM-24-002	1,385,000		461,667					923,333						
SW Oralabor Road and SW Irvindale Drive Intersection Improvements	STR-16-003	250,000							250,000						
NW Irvindale 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												
SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	1,450,000			375,000			1,075,000							
Elevated Water Storage Tower No. 4	WTT-24-001	400,000							400,000						
		\$ 32,187,500	\$ 15,953,000	\$ 3,310,167	\$ 940,000	\$ -		\$ 1,075,000	\$ -	\$ 952,640	\$ 8,158,333	\$ 233,500	\$ 200,000	\$ 150,000	\$ 1,214,860

2025 Bond Issue Project Costs \$ 20,203,167  
 Cost of Issuance 266,833  
**Projected 2025 Bond Issue Total \$ 20,470,000**

## 2026 CIP Projects by Funding Source

Project	Project #	2026	General Obligation Bonds				Revenue Bonds		Miscellaneous					
			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 Sanitary Sewer Replacement Program	SNS-00-001	2,205,000								2,205,000				
Annual Storm Water Replacement Program	STM-00-001	2,050,000								2,050,000				
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											
Annual Water Main Replacement Program	WTM-00-001	1,625,000								1,625,000				
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				
Otter Creek Trunk Sewer - Phase 4	SNS-12-001	1,750,000								1,750,000				
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	425,000								425,000				
SW Irvindale Drive Sanitary Sewer Replacement	SNS-23-002	12,500								12,500				
Deer Creek Trunk Sewer Extension - Phase 1	SNS-23-003	2,045,000								2,045,000				
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	526,500		526,500										
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	190,000		190,000										
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	515,000		515,000										
Saylor Creek Tributary Channel Improvements	STM-22-005	190,000		190,000										
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	231,000		231,000										
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	940,000	505,000	435,000										
SW Des Moines Street Utility Improvements	STM-24-002	940,000		313,333				313,333		313,334				
SW Oralabor Road and SW Irvindale Drive Intersection Improvements	STR-16-003	500,000								500,000				
NW 36th Street Reconstruction - NW Irvindale 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		
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	64,000						64,000						
Elevated Water Storage Tower No. 4	WTT-24-001	5,150,000						5,150,000						
SCADA System Upgrade	WTT-25-002	225,000						225,000						
		\$ 50,733,955	\$ 16,968,955	\$ 2,400,833	\$ 7,796,000	\$ -	\$ 6,752,333	\$ -	\$ 1,500,000	\$ 12,569,834	\$ 306,000	\$ 1,000,000	\$ 1,150,000	\$ 290,000

2026 Bond Issue Project Costs \$ 27,165,788  
 Cost of Issuance 349,212  
 Projected 2026 Bond Issue Total \$ 27,515,000

## 2027 CIP Projects by Funding Source

Project	Project #	2027	General Obligation Bonds				Revenue Bonds		Miscellaneous					
			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 Sanitary Sewer Replacement Program	SNS-00-001	1,780,000								1,780,000				
Annual Storm Water Replacement Program	STM-00-001	1,675,000								1,675,000				
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											
Annual Water Main Replacement Program	WTM-00-001	1,250,000								1,250,000				
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			
Clover Ridge Trunk Sewer Extension	SNS-22-003	93,500									93,500			
SW Irvindale Drive Sanitary Sewer Replacement	SNS-23-002	127,500									127,500			
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,420,000		1,320,000			100,000							
Diamond Hills Greenway Stream Stabilization	STM-22-002	80,000		80,000										
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	160,000		160,000										
Saylor Creek Tributary Channel Improvements	STM-22-005	210,000		210,000										
SW Oralabor Road and SW Irvindale Drive Intersection Improvements	STR-16-003	4,725,000			3,525,000					1,200,000				
NW 36th Street Reconstruction - NW Irvindale 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											
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	586,000					586,000							
SW Irvindale Elevated Storage Tank Repaint	WTT-23-001	90,000					90,000							
Elevated Water Storage Tower No. 4	WTT-24-001	5,150,000					5,150,000							
		\$ 61,303,000	\$ 16,765,000	\$ 1,770,000	\$ 9,513,500	\$ 8,724,438	\$ 8,828,881	\$ -	\$ 3,346,500	\$ 10,623,681	\$ 681,000	\$ 200,000	\$ 150,000	\$ 700,000

2027 Bond Issue Project Costs \$ 36,772,938  
 Cost of Issuance 512,062  
**Projected 2027 Bond Issue Total \$ 37,285,000**

## 2028 CIP Projects by Funding Source

Project	Project #	2028	General Obligation Bonds				Revenue Bonds		Miscellaneous					
			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 Sanitary Sewer Replacement Program	SNS-00-001	2,030,000								2,030,000				
Annual Storm Water Replacement Program	STM-00-001	1,825,000								1,825,000				
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											
Annual Water Main Replacement Program	WTM-00-001	1,400,000								1,400,000				
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											
Clover Ridge Trunk Sewer Extension	SNS-22-003	856,500								856,500				
Sanitary Sewer Dead-End Elimination	SNS-25-001	675,000								675,000				
Deer Creek Trunk Sewer Extension - Phase 2	SNS-25-002	390,000								390,000				
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	1,330,000		1,330,000										
Diamond Hills Greenway Stream Stabilization	STM-22-002	80,000		80,000										
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	150,000		150,000										
Saylor Creek Tributary Channel Improvements	STM-22-005	3,400,000		3,400,000										
NW 36th Street Reconstruction - NW Irvineland 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					
SW Irvineland Elevated Storage Tank Repaint	WTT-23-001	1,187,000					1,187,000							
Aquifer Storage and Recovery Well No. 2 Rehabilitation	WTT-25-001	200,000					200,000							
		\$ 47,015,000	\$ 19,142,500	\$ 4,960,000	\$ 4,325,000	\$ 3,165,111	\$ 2,440,127	\$ -	\$ 2,650,000	\$ 9,307,262	\$ -	\$ 200,000	\$ -	\$ 825,000

2028 Bond Issue Project Costs	\$ 31,592,611
Cost of Issuance	447,389
<b>Projected 2028 Bond Issue Total</b>	<b>\$ 32,040,000</b>

**2029 CIP Projects by Funding Source**

Project	Project #	2029	General Obligation Bonds				Revenue Bonds		Miscellaneous					
			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 Sanitary Sewer Replacement Program	SNS-00-001	1,955,000								1,955,000				
Annual Storm Water Replacement Program	STM-00-001	1,850,000								1,850,000				
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											
Annual Water Main Replacement Program	WTM-00-001	1,425,000								1,425,000				
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			
Deer Creek Trunk Sewer Extension - Phase 2	SNS-25-002	3,415,000								3,415,000				
Diamond Hills Greenway Stream Stabilization	STM-22-002	1,850,000		1,850,000										
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	1,500,000		1,500,000										
NW 36th Street Reconstruction - NW Irvineland 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											
SW Oralabor Road Transmission Main	WTM-25-001	300,000					300,000							
Aquifer Storage and Recovery Well No. 2 Rehabilitation	WTT-25-001	2,200,000					2,200,000							
		\$ 44,597,500	\$ 18,327,500	\$ 3,350,000	\$ 8,755,000	\$ -	\$ 2,500,000	\$ -	\$ 2,220,000	\$ 8,745,000	\$ 500,000	\$ 200,000	\$ -	\$ -

2029 Bond Issue Project Costs \$ 30,432,500  
 Cost of Issuance 442,500  
**Projected 2029 Bond Issue Total \$ 30,875,000**





<u>Annual Sanitary Sewer Replacement Program</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>	<u>Projected</u> <u>2029</u>
<b>Beginning Cash Balance</b>	<b>\$ 1,697,559</b>	<b>\$ 2,215,580</b>	<b>\$ 1,930,580</b>	<b>\$ 1,025,580</b>	<b>\$ 745,580</b>	<b>\$ 415,580</b>
<b>Transfers In</b>						
Sewer Fund	\$ 1,000,000	\$ 1,100,000	\$ 1,300,000	\$ 1,500,000	\$ 1,700,000	\$ 1,900,000
Deer Creek Trunk Sewer	\$ 475,254					
NW Northlawn Area Sanitary Sewer Improvements	\$ 37,742					
Otter Creek Trunk Sewer - Phase 3	\$ 416,786					
West Outfall Basin Sanitary Sewer Improvements	\$ 135,457					
<b>Total Transfers In</b>	<b>\$ 2,065,239</b>	<b>\$ 1,100,000</b>	<b>\$ 1,300,000</b>	<b>\$ 1,500,000</b>	<b>\$ 1,700,000</b>	<b>\$ 1,900,000</b>
<b>Project Expenditures</b>						
Sanitary Sewer Oversizing	\$ 30,000	\$ 60,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Sanitary Sewer Spot Repairs, Manhole Repairs and Slip Lining	\$ 586,258	\$ 575,000	\$ 625,000	\$ 575,000	\$ 675,000	\$ 575,000
NW Northlawn Area Utility Improvements	\$ 778,360	\$ 525,000				
Westlawn Place Area Utility Improvements	\$ 152,599	\$ 225,000	\$ 1,550,000	\$ 1,175,000	\$ 1,325,000	\$ 1,350,000
<b>Total Project Expenditures</b>	<b>\$ 1,547,217</b>	<b>\$ 1,385,000</b>	<b>\$ 2,205,000</b>	<b>\$ 1,780,000</b>	<b>\$ 2,030,000</b>	<b>\$ 1,955,000</b>
<b>Remaining Cash Balance</b>	<b>\$ 2,215,580</b>	<b>\$ 1,930,580</b>	<b>\$ 1,025,580</b>	<b>\$ 745,580</b>	<b>\$ 415,580</b>	<b>\$ 360,580</b>

<u>Annual Storm Water Replacement Program</u>	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>	<u>Projected</u> <u>2029</u>
<b>Beginning Cash Balance</b>	<b>\$ 655,246</b>	<b>\$ 606,244</b>	<b>\$ 166,244</b>	<b>\$ 166,244</b>	<b>\$ 166,244</b>	<b>\$ 166,244</b>
<b>Transfers In</b>						
Storm Water Fund	\$ 400,000	\$ 600,000	\$ 2,050,000	\$ 1,675,000	\$ 1,825,000	\$ 1,850,000
Westwinds Channel Flood Repair	\$ 174,573					
Wildflower Detention Basin Improvements	\$ 118,671					
<b>Total Transfers In</b>	<b>\$ 693,244</b>	<b>\$ 600,000</b>	<b>\$ 2,050,000</b>	<b>\$ 1,675,000</b>	<b>\$ 1,825,000</b>	<b>\$ 1,850,000</b>
<b>Project Expenditures</b>						
Small open cut repairs to storm sewers and/or structures near NW Briargate Drive, 700 block of NE 5th Street, SW 2nd Court, 1500 block of NW Linwood Street, 700 block of NE Hayes Drive and NE 31st Street and NE Trilein Drive	\$ 159,520					
Cost share to repair/replace culvert under SW Ankeny Road	\$ 25,000					
Maintenance and storm sewer improvements along Saylor Creek near Vintage Business Park and in the Vintage Greenway	\$ 248,809	\$ 150,000				
Replace storm sewer intakes and cross-run storm sewer pipes on SW Des Moines Street, at NW 9th Street and NW School Street intersection and at NW 5th Street and NW School Street intersection	\$ 133,253					
Drainage improvements on North Creek Trail near North Creek Park and Four Mile Creek storm sewer outlet repairs	\$ 101,878					
Gay Lea Wilson emergency trail repairs	\$ 14,900					
Minor storm water management and storm sewer improvements and repairs	\$ 58,885	\$ 35,000				
Intake replacement, 3110 block of SW Logan Street		\$ 35,000				
Pipe replacement, 700 block of NE 5th Street		\$ 85,000				
Flared end section ditching, SE Corporate Woods Drive		\$ 35,000				
Tradition Detention Basin grate replacement		\$ 35,000				
Michael Park erosion repairs		\$ 15,000				
North Creek Park subdrain repairs		\$ 30,000				
Pipe repair, 1500 block of NW Linwood Drive		\$ 20,000				









	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>	<u>Projected</u> <u>2029</u>
<u>Annual Street Replacement Program</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				
<b>Total Transfers In</b>	<b>\$ 1,875,000</b>	<b>\$ 1,850,000</b>	<b>\$ 1,800,000</b>	<b>\$ 1,600,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>
<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
<b>Total Project Expenditures</b>	<b>\$ 1,329,262</b>	<b>\$ 2,300,000</b>	<b>\$ 1,800,000</b>	<b>\$ 1,600,000</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>
<u>Transfers Out</u>						
Annual Pavement Preservation Program	\$ 300,000					
<b>Total Transfers Out</b>	<b>\$ 300,000</b>	<b>\$ -</b>				
<b>Remaining Cash Balance</b>	<b>\$ 937,957</b>	<b>\$ 487,957</b>				

	<u>Projected</u> <u>2024</u>	<u>Projected</u> <u>2025</u>	<u>Projected</u> <u>2026</u>	<u>Projected</u> <u>2027</u>	<u>Projected</u> <u>2028</u>	<u>Projected</u> <u>2029</u>
<u><b>Annual Traffic Signal Improvement Program</b></u>						
<b>Beginning Cash Balance</b>	<b>\$ 1,226,677</b>	<b>\$ 367,438</b>				
<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				
<b>Total Transfers In</b>	<b>\$ 1,604,000</b>	<b>\$ 1,150,000</b>	<b>\$ 1,140,000</b>	<b>\$ 1,690,000</b>	<b>\$ 1,690,000</b>	<b>\$ 1,690,000</b>
<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 Irvineland 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					



<u>Annual Water Main Replacement Program</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>	<u>Projected</u>
	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
<b>Beginning Cash Balance</b>	<b>\$ 1,243,778</b>	<b>\$ 1,663,987</b>	<b>\$ 1,513,987</b>	<b>\$ 788,987</b>	<b>\$ 638,987</b>	<b>\$ 438,987</b>
<b>Transfers In</b>						
Water Fund	\$ 700,000	\$ 725,000	\$ 900,000	\$ 1,100,000	\$ 1,200,000	\$ 1,300,000
Irvinedale Drive Transmission Main	\$ 725,493					
<b>Total Transfers In</b>	<b>\$ 1,425,493</b>	<b>\$ 725,000</b>	<b>\$ 900,000</b>	<b>\$ 1,100,000</b>	<b>\$ 1,200,000</b>	<b>\$ 1,300,000</b>
<b>Project Expenditures</b>						
Water Main Oversizing	\$ 75,000	\$ 125,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
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
<b>Total Project Expenditures</b>	<b>\$ 1,005,284</b>	<b>\$ 875,000</b>	<b>\$ 1,625,000</b>	<b>\$ 1,250,000</b>	<b>\$ 1,400,000</b>	<b>\$ 1,425,000</b>
<b>Remaining Cash Balance</b>	<b>\$ 1,663,987</b>	<b>\$ 1,513,987</b>	<b>\$ 788,987</b>	<b>\$ 638,987</b>	<b>\$ 438,987</b>	<b>\$ 313,987</b>

**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
<b>ANNUAL PROGRAMS</b>								
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 Sanitary Sewer Replacement Program	SNS-00-001	1,385,000	2,205,000	1,780,000	2,030,000	1,955,000	11,275,000	20,630,000
Annual Storm Water Replacement Program	STM-00-001	690,000	2,050,000	1,675,000	1,825,000	1,850,000	9,625,000	17,715,000
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
Annual Water Main Replacement Program	WTM-00-001	875,000	1,625,000	1,250,000	1,400,000	1,425,000	7,500,000	14,075,000
<b>BUILDINGS</b>								
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
<b>BRIDGES</b>								
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
<b>OPERATING/CONSTRUCTION EQUIPMENT</b>								
Ladder Truck Replacement	OEC-23-001	-	-	-	-	2,400,000	-	2,400,000
<b>PARKS</b>								
High Trestle Trail Experience Park	PRK-22-005	200,000	-	800,000	-	1,000,000	1,766,000	3,766,000

**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
<b>Sunrise Park Parking Lot Overlay</b>	PRK-24-001	150,000	-	-	-	-	-	150,000
<b>Prairie Ridge Sports Complex Softball Batting Cage Replacement</b>	PRK-24-004	246,000	-	-	-	-	-	246,000
<b>Prairie Ridge Sports Complex Baseball Infield Reconstruction</b>	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
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
<b>SIDEWALKS/TRAILS</b>								
<b>High Trestle Trail Overlay - West 1st Street to NW 18th Street</b>	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
<b>SANITARY SEWERS</b>								
<b>Otter Creek Trunk Sewer - Phase 4</b>	SNS-12-001	-	1,750,000	-	-	-	-	1,750,000
<b>SE 3rd Street Trunk Sewer Extension</b>	SNS-20-002	650,000	-	-	-	-	-	650,000
<b>Trestle Ridge Trunk Sewer Cost Share</b>	SNS-22-001	325,000	425,000	-	-	-	-	750,000
<b>Clover Ridge Trunk Sewer Extension</b>	SNS-22-003	-	-	93,500	856,500	-	-	950,000
<b>SW Irwindale Drive Sanitary Sewer Replacement</b>	SNS-23-002	-	12,500	127,500	-	-	-	140,000
<b>Deer Creek Trunk Sewer Extension - Phase 1</b>	SNS-23-003	230,000	2,045,000	-	-	-	-	2,275,000
<b>Sanitary Sewer Dead-End Elimination</b>	SNS-25-001	-	-	-	675,000	-	-	675,000
<b>Deer Creek Trunk Sewer Extension - Phase 2</b>	SNS-25-002	-	-	-	390,000	3,415,000	-	3,805,000
Polk County Lift Station Decommissioning	SNS-22-004	-	-	-	-	-	1,953,000	1,953,000

**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
		2025	2026	2027	2028	2029	High Priority Projects	Project Cost
Highland Estates Sanitary Sewer Replacement	Sanitary Sewers	-	-	-	-	-	1,475,000	1,475,000
John Deere Lift Station Replacement	Sanitary Sewers	-	-	-	-	-	1,200,000	1,200,000
Saylor Creek Lift Station Improvements	Sanitary Sewers	-	-	-	-	-	750,000	750,000
Southern Interceptor Trunk Sewer CIPP Lining	Sanitary Sewers	-	-	-	-	-	7,000,000	7,000,000
<b>STORM WATER</b>								
Sawgrass Park Dam Improvements	STM-19-004	700,000	-	-	-	-	-	700,000
Four Mile Creek and Tributary Channel Stabilization - NE 47th Street to NE 54th Street	STM-20-001	536,500	526,500	-	-	-	-	1,063,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	740,000	-	-	-	-	-	740,000
SE 3rd Street Area Collection Storm Sewer Improvements	STM-21-001	-	190,000	1,420,000	1,330,000	-	-	2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002	-	-	80,000	80,000	1,850,000	-	2,010,000
Four Mile Creek Channel Stabilization - Downstream of East 1st Street	STM-22-003	-	-	160,000	150,000	1,500,000	-	1,810,000
Four Mile Creek Channel Stabilization - NE 36th Street to NE 47th Street	STM-22-004	439,000	515,000	-	-	-	-	954,000
Saylor Creek Tributary Channel Improvements	STM-22-005	-	190,000	210,000	3,400,000	-	-	3,800,000
Four Mile Creek Channel Stabilization - Heritage Park	STM-23-001	138,000	231,000	-	-	-	-	369,000
NW 17th Street Storm Sewer and Pavement Improvements	STM-24-001	-	940,000	-	-	-	-	940,000
SW Des Moines Street Utility Improvements	STM-24-002	1,385,000	940,000	-	-	-	-	2,325,000
<b>STREETS</b>								
SW Oralabor Road and SW Irvindale Drive Intersection Improvements	STR-16-003	250,000	500,000	4,725,000	-	-	-	5,475,000
NW 36th Street Reconstruction - NW Irvindale 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 Irvindale 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

**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
		2025	2026	2027	2028	2029		
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
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 Irvinadele Drive Reconstruction - NW 18th Street to NW 36th Street	Streets	-	-	-	-	-	19,000,000	19,000,000
NW Irvinadele 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

**WATER**

SW Walnut Street and SW Ordnance Road Water Main, including Uptown Parking Improvements	WTM-20-002	1,450,000	-	-	-	-	-	1,450,000
SW Linden Street and SW Sharmin Drive Water Main Improvements	WTM-24-001	-	64,000	586,000	-	-	-	650,000
SW Oralabor Road Transmission Main	WTM-25-001	-	-	-	-	-	300,000	4,750,000

**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
SW Irvindale Elevated Storage Tank Repaint	WTT-23-001	-	-	90,000	1,187,000	-	-	1,277,000
Elevated Water Storage Tower No. 4	WTT-24-001	400,000	5,150,000	5,150,000	-	-	-	10,700,000
Aquifer Storage and Recovery Well No. 2 Rehabilitation	WTT-25-001	-	-	-	200,000	2,200,000	-	2,400,000
SCADA System Upgrade	WTT-25-002	-	225,000	-	-	-	-	225,000
NW Irvindale Drive and NW 36th Street Water Main Loop	Water	-	-	-	-	-	275,000	275,000
NW State Street Water Main Improvements	Water	-	-	-	-	-	875,000	875,000
	Year Totals	\$ 32,187,500	\$ 50,733,955	\$ 61,303,000	\$ 47,015,000	\$ 44,597,500	\$ 317,973,500	\$ 553,810,455

# Section 2

# City of Ankeny, Iowa

# EXHIBIT 1

## Financial Planning for Capital Projects

### Projection of Tax Levies & Tax Rate Impact

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	

Fiscal Year	Total Tax Valuation	Growth	Taxes Levied	Debt Levy	Utility/		Property Tax Backfill	Total Resources	Estimated Future GO Bonds							Total Uses	Surplus/(Deficit)	Ending Cash/Fund Balance	
					Par Proceeds	\$16,155,000 \$15,953,000	\$17,180,000 \$16,968,955	\$25,840,000 \$25,489,438	\$22,620,000 \$22,307,611	\$18,590,000 \$18,327,500	Future GO Bonds	Bond Fees	Other Uses						
					Existing GO Debt	2025 CIP-Taxes	2026 CIP-Taxes	2027 CIP-Taxes	2028 CIP-Taxes	2029 CIP-Taxes									
2019 - 2020	<b>3,842,245,193</b>	8.8%	13,447,858	<b>\$3.5000</b>	8,617,551	<b>74,261</b>	<b>343,629</b>	22,483,299	22,703,697						<b>7,700</b>	<b>125,359</b>	22,836,756	<b>(353,457)</b>	1,506,634
2020 - 2021	<b>4,177,177,183</b>	8.7%	13,575,825	<b>\$3.2500</b>	9,326,128	<b>131,197</b>	<b>335,718</b>	23,368,868	23,334,941						<b>6,842</b>	<b>(135,238)</b>	23,206,545	162,323	1,668,957
2021 - 2022	<b>4,456,458,887</b>	6.7%	14,260,668	<b>\$3.2000</b>	8,824,235	<b>3,242</b>	<b>342,757</b>	23,430,902	23,356,250						<b>6,400</b>	<b>(98,317)</b>	23,264,334	166,569	1,835,526
2022 - 2023	<b>4,827,690,725</b>	8.3%	14,724,457	<b>\$3.0500</b>	9,158,442	<b>100,122</b>	<b>276,946</b>	24,259,967	24,199,486						<b>6,000</b>	<b>(971)</b>	24,204,515	55,452	1,890,978
2023 - 2024	<b>5,049,775,865</b>	4.6%	15,149,328	<b>\$3.0000</b>	9,525,673	<b>273,368</b>	<b>304,402</b>	25,252,771	25,020,307						<b>6,600</b>	<b>31,600</b>	25,058,507	194,264	2,085,242
2024 - 2025	<b>5,724,677,117</b>	13.4%	17,174,031	<b>\$3.0000</b>	8,442,055	<b>205,000</b>	<b>226,018</b>	26,047,105	26,076,854						<b>6,700</b>		26,083,554	<b>(36,450)</b>	2,048,792
2025 - 2026	<b>6,046,992,973</b>	5.6%	18,140,979	<b>\$3.0000</b>	7,989,088	<b>152,000</b>	<b>158,745</b>	26,440,811	23,823,269	2,612,363					<b>6,800</b>		26,442,431	<b>(1,620)</b>	2,047,172
2026 - 2027	6,129,182,171	1.4%	18,387,547	<b>\$3.0000</b>	7,506,513	<b>152,000</b>	<b>129,071</b>	26,175,130	18,754,281	3,055,500	4,347,774				<b>6,900</b>		26,164,455	10,675	2,057,847
2027 - 2028	6,378,652,552	4.1%	19,454,890	<b>\$3.0500</b>	6,339,894	<b>152,000</b>	<b>129,071</b>	26,075,855	16,995,800	2,393,500	3,413,175	3,233,043			<b>7,000</b>		26,042,518	33,337	2,091,183
2028 - 2029	6,385,191,828	0.1%	19,474,835	<b>\$3.0500</b>	4,041,794	<b>152,000</b>	<b>129,071</b>	23,797,700	10,015,675	2,133,750	3,472,150	3,522,200	4,634,468		<b>6,000</b>		23,784,243	13,457	2,104,641
2029 - 2030	6,579,474,999	3.0%	20,067,399	<b>\$3.0500</b>	1,714,094	<b>152,000</b>	<b>129,071</b>	22,062,563	5,463,325	1,892,500	1,454,850	2,921,200	2,658,200	7,630,970	<b>6,000</b>		22,027,045	35,518	2,140,159
2030 - 2031	6,711,064,499	<b>2.0%</b>	20,468,747	<b>\$3.0500</b>	1,330,844	<b>152,000</b>	<b>129,071</b>	22,080,661	4,647,725	2,004,250	1,454,850	4,321,600	2,400,200	4,659,450	<b>2,562,018</b>	<b>5,400</b>	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		6,509,909
Total Outstanding Debt		\$ 106,769,909

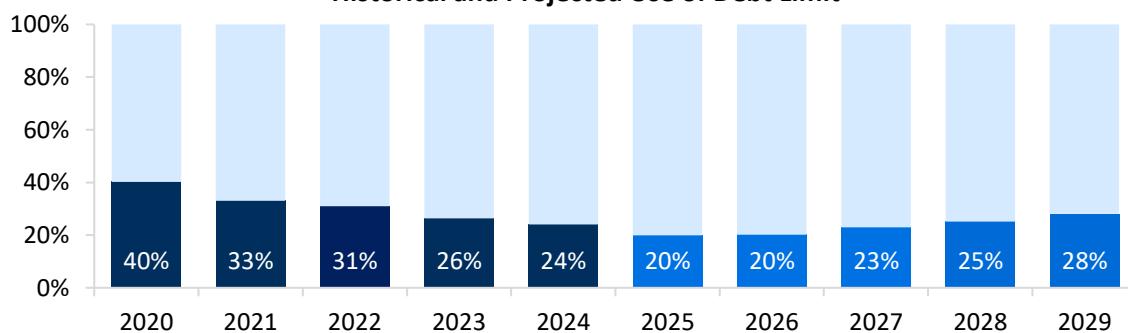
## Projected Debt

Bond Year	Debt Addition	Debt Reduction	Change in Rebates	Net Change	Projected Outstanding Debt
2025	\$ 20,470,000	\$ 21,625,000	\$ -	\$ (1,155,000)	\$ 105,614,909
2026	27,515,000	20,350,000	(1,521,222)	5,643,778	111,258,688
2027	37,285,000	16,205,000	(1,741,652)	19,338,348	130,597,036
2028	32,040,000	15,155,000	(855,576)	16,029,424	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	\$ 105,614,909	\$ 424,374,043	20%
2026	11,009,613,224	550,480,661	111,258,688	439,221,974	20%
2027	11,370,759,002	568,537,950	130,597,036	437,940,914	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



# Section 3

City of Ankeny, Iowa  
*2025 - 2029 Capital Improvement Program*  
 2025 thru 2029

**CATEGORY SUMMARY**

<b>Category</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Bridge/Box Culvert		850,000	2,050,000	2,952,500	7,000,000	12,852,500
Municipal Buildings	240,000	1,950,000	17,375,000	6,249,000		25,814,000
Operating/Construction Equipment					2,400,000	2,400,000
Park Facilities	1,396,000	1,131,000	1,931,000	875,000	1,900,000	7,233,000
Sanitary Sewers	2,590,000	6,437,500	2,001,000	3,951,500	5,370,000	20,350,000
Sidewalks/Trails	620,000	600,000	600,000	600,000	600,000	3,020,000
Storm Water	4,628,500	5,582,500	3,545,000	6,785,000	5,200,000	25,741,000
Streets and Alleys	17,773,000	24,643,955	25,010,000	20,625,000	16,337,500	104,389,455
Traffic Control	2,215,000	2,475,000	1,715,000	2,190,000	1,865,000	10,460,000
Water Mains	2,325,000	1,689,000	1,836,000	1,400,000	1,725,000	8,975,000
Water Towers/Storage	400,000	5,375,000	5,240,000	1,387,000	2,200,000	14,602,000
<b>TOTAL</b>	<b>32,187,500</b>	<b>50,733,955</b>	<b>61,303,000</b>	<b>47,015,000</b>	<b>44,597,500</b>	<b>235,836,955</b>

City of Ankeny, Iowa  
*2025 - 2029 Capital Improvement Program*  
 2025 thru 2029

**PROJECTS BY CATEGORY**

Category	Project #	2025	2026	2027	2028	2029	Total
<b>Bridge/Box Culvert</b>							
SE Frisk Drive RCB Culvert for Four Mile Creek	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	10,350,000	
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	BRG-25-001			77,500	575,000	652,500	
<b>Bridge/Box Culvert Total</b>		<b>850,000</b>	<b>2,050,000</b>	<b>2,952,500</b>	<b>7,000,000</b>	<b>12,852,500</b>	
<b>Municipal Buildings</b>							
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	
<b>Municipal Buildings Total</b>		<b>240,000</b>	<b>1,950,000</b>	<b>17,375,000</b>	<b>6,249,000</b>	<b>25,814,000</b>	
<b>Operating/Construction Equipment</b>							
Ladder Truck Replacement	OEC 23-001				2,400,000	2,400,000	
<b>Operating/Construction Equipment Total</b>					<b>2,400,000</b>	<b>2,400,000</b>	
<b>Park Facilities</b>							
Annual Park Development Program	PRK-00-002	800,000	825,000	850,000	875,000	900,000	4,250,000
High Trestle Trail Experience Park	PRK-22-005	200,000		800,000		1,000,000	2,000,000
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000					150,000
PRSC Softball Batting Cage Replacement	PRK-24-004	246,000					246,000
PRSC Baseball Infield Reconstruction	PRK-25-003		306,000	281,000			587,000
<b>Park Facilities Total</b>		<b>1,396,000</b>	<b>1,131,000</b>	<b>1,931,000</b>	<b>875,000</b>	<b>1,900,000</b>	<b>7,233,000</b>
<b>Sanitary Sewers</b>							
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,385,000	2,205,000	1,780,000	2,030,000	1,955,000	9,355,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,750,000				1,750,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	650,000					650,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	425,000				750,000
Clover Ridge Trunk Sewer Extension	SNS-22-003			93,500	856,500		950,000
SW Irvindale Drive Sanitary Sewer Replacement	SNS-23-002		12,500	127,500			140,000
Deer Creek Trunk Sewer Extension-Phase 1	SNS-23-003	230,000	2,045,000				2,275,000
Sanitary Sewer Dead-End Elimination	SNS-25-001				675,000		675,000
Deer Creek Trunk Sewer Extension-Phase 2	SNS-25-002				390,000	3,415,000	3,805,000
<b>Sanitary Sewers Total</b>		<b>2,590,000</b>	<b>6,437,500</b>	<b>2,001,000</b>	<b>3,951,500</b>	<b>5,370,000</b>	<b>20,350,000</b>
<b>Sidewalks/Trails</b>							
Annual Sidewalk/Trail Construction Program	SDW-00-001	460,000	600,000	600,000	600,000	600,000	2,860,000
High Trestle Trail Overlay-W 1st St to NW 18th St	SDW-25-002	160,000					160,000

Category	Project #	2025	2026	2027	2028	2029	Total
<b>Sidewalks/Trails Total</b>		<b>620,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>3,020,000</b>
<b>Storm Water</b>							
Annual Storm Water Replacement Program	STM-00-001	690,000	2,050,000	1,675,000	1,825,000	1,850,000	8,090,000
Sawgrass Park Dam Improvements	STM-19-004	700,000					700,000
Four Mile Creek and Tributary Stabilization	STM-20-001	536,500	526,500				1,063,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	740,000					740,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,420,000	1,330,000		2,940,000
Diamond Hills Greenway Stream Stabilization	STM-22-002			80,000	80,000	1,850,000	2,010,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003			160,000	150,000	1,500,000	1,810,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004	439,000	515,000				954,000
Saylor Creek Tributary Channel Improvements	STM-22-005		190,000	210,000	3,400,000		3,800,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001	138,000	231,000				369,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001		940,000				940,000
SW Des Moines Street Utility Improvements	STM-24-002	1,385,000	940,000				2,325,000
<b>Storm Water Total</b>		<b>4,628,500</b>	<b>5,582,500</b>	<b>3,545,000</b>	<b>6,785,000</b>	<b>5,200,000</b>	<b>25,741,000</b>
<b>Streets and Alleys</b>							
Annual PCC Street Patching Program	STR-00-001	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	11,400,000
Annual Asphalt Street Resurfacing Program	STR-00-002	450,000	475,000	500,000	500,000	500,000	2,425,000
Annual Pavement Preservation Program	STR-00-003	600,000	800,000	850,000	900,000	950,000	4,100,000
Annual Street Replacement Program	STR-00-004	2,300,000	1,800,000	1,600,000	2,000,000	2,000,000	9,700,000
SW Oralabor Rd and SW Irvinendale Dr Intersection	STR-16-003	250,000	500,000	4,725,000			5,475,000
NW 36th St Reconstruction-Irvinendale to Abilene	STR-18-003		200,000	700,000	7,325,000	125,000	8,350,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004			250,000	800,000	3,287,500	4,337,500
NW Irvinendale Dr and NW 18th St Intersection	STR-21-004	4,650,000					4,650,000
South Ankeny Blvd and SE Oralabor Rd 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 St Reconstruction-NW State St to NW Ash Dr	STR-22-004	200,000	350,000	5,100,000	100,000		5,750,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	2,303,000	1,558,955				3,861,955
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002				500,000		500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	175,000	2,500,000	1,725,000	375,000		4,775,000
NW Prairie Ridge Dr/9th St and Ash Dr Intersection	STR-24-001	400,000	3,420,000				3,820,000
SE Creekview Drive Extension	STR-24-003	1,870,000					1,870,000
I-35 and NE 36th St 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	825,000
NW State St Widening & Rehab W 1st St - NW 18th St	STR-25-003				350,000	500,000	850,000
Local Public Streets Enhanced Design Standards	STR-25-004	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
<b>Streets and Alleys Total</b>		<b>17,773,000</b>	<b>24,643,955</b>	<b>25,010,000</b>	<b>20,625,000</b>	<b>16,337,500</b>	<b>104,389,455</b>
<b>Traffic Control</b>							
Annual Traffic Signal Improvement Program	TRF-00-001	1,150,000	1,140,000	1,690,000	1,690,000	1,690,000	7,360,000
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 Rd and SW District Dr 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
<b>Traffic Control Total</b>		<b>2,215,000</b>	<b>2,475,000</b>	<b>1,715,000</b>	<b>2,190,000</b>	<b>1,865,000</b>	<b>10,460,000</b>
<b>Water Mains</b>							
Annual Water Main Replacement Program	WTM-00-001	875,000	1,625,000	1,250,000	1,400,000	1,425,000	6,575,000
SW Walnut Street and SW Ordnance Road Water Main	WTM-20-002	1,450,000					1,450,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001		64,000	586,000			650,000
SW Oralabor Road Transmission Main	WTM-25-001				300,000	300,000	300,000

Category	Project #	2025	2026	2027	2028	2029	Total
	<b>Water Mains Total</b>	<b>2,325,000</b>	<b>1,689,000</b>	<b>1,836,000</b>	<b>1,400,000</b>	<b>1,725,000</b>	<b>8,975,000</b>
<b>Water Towers/Storage</b>							
SW Irwindale Elevated Storage Tank Repaint	WTT-23-001		90,000	1,187,000			1,277,000
Elevated Water Storage Tower No. 4	WTT-24-001	400,000	5,150,000	5,150,000			10,700,000
ASR Well No. 2 Rehabilitation	WTT-25-001			200,000	2,200,000		2,400,000
SCADA System Upgrade	WTT-25-002		225,000				225,000
	<b>Water Towers/Storage Total</b>	<b>400,000</b>	<b>5,375,000</b>	<b>5,240,000</b>	<b>1,387,000</b>	<b>2,200,000</b>	<b>14,602,000</b>
	<b>GRAND TOTAL</b>	<b>32,187,500</b>	<b>50,733,955</b>	<b>61,303,000</b>	<b>47,015,000</b>	<b>44,597,500</b>	<b>235,836,955</b>

**City of Ankeny, Iowa**  
**2025 - 2029 Capital Improvement Program**  
**2025 thru 2029**

**PROJECTS BY YEAR**

<b>Project Name</b>	<b>Department</b>	<b>Project #</b>	<b>Project Cost</b>
<b>2025</b>			
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	90,000
City Facility Parking Lot Improvements	Public Works	BLD-25-001	150,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	800,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	200,000
Sunrise Park Parking Lot Overlay	Parks and Recreation	PRK-24-001	150,000
PRSC Softball Batting Cage Replacement	Parks and Recreation	PRK-24-004	246,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	460,000
High Trestle Trail Overlay-W 1st St to NW 18th St	Water Utility	SDW-25-002	160,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,385,000
SE 3rd Street Trunk Sewer Extension	Sewer Utility	SNS-20-002	650,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	325,000
Deer Creek Trunk Sewer Extension-Phase 1	Sewer Utility	SNS-23-003	230,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	690,000
Sawgrass Park Dam Improvements	Storm Water Utility	STM-19-004	700,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	536,500
SE 3rd Street Area Trunk Storm Sewer Improvements	Storm Water Utility	STM-20-006	740,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	439,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	138,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	1,385,000
Annual PCC Street Patching Program	Public Works	STR-00-001	1,700,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	450,000
Annual Pavement Preservation Program	Public Works	STR-00-003	600,000
Annual Street Replacement Program	Public Works	STR-00-004	2,300,000
SW Oralabor Rd and SW Irvineland Dr Intersection	Public Works	STR-16-003	250,000
NW Irvineland Dr and NW 18th St Intersection	Public Works	STR-21-004	4,650,000
South Ankeny Blvd and SE Oralabor Rd Improvements	Public Works	STR-21-005	150,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	775,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	200,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	2,303,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	175,000
NW Prairie Ridge Dr/9th St and Ash Dr Intersection	Public Works	STR-24-001	400,000
SE Creekview Drive Extension	Public Works	STR-24-003	1,870,000
I-35 and NE 36th St Interchange Improvements	Public Works	STR-25-001	450,000
Local Public Streets Enhanced Design Standards	Public Works	STR-25-004	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,150,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	890,000
Uptown Lighting Fixture Upgrades	Public Works	TRF-25-001	115,000
SW Magazine Rd and SW District Dr Traffic Signal	Public Works	TRF-25-002	60,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	875,000
SW Walnut Street and SW Ordnance Road Water Main	Water Utility	WTM-20-002	1,450,000
Elevated Water Storage Tower No. 4	Water Utility	WTW-24-001	400,000
<b>Total for 2025</b>			<b>32,187,500</b>
<b>2026</b>			

Project Name	Department	Project #	Project Cost
Public Works Satellite Salt Storage Facility	Public Works	BLD-21-002	800,000
Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	1,000,000
City Facility Parking Lot Improvements	Public Works	BLD-25-001	150,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	700,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	150,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	825,000
PRSC Baseball Infield Reconstruction	Parks and Recreation	PRK-25-003	306,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	600,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2,205,000
Otter Creek Trunk Sewer-Phase 4	Sewer Utility	SNS-12-001	1,750,000
Trestle Ridge Trunk Sewer Cost Share	Sewer Utility	SNS-22-001	425,000
SW Irvineland Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	12,500
Deer Creek Trunk Sewer Extension-Phase 1	Sewer Utility	SNS-23-003	2,045,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	2,050,000
Four Mile Creek and Tributary Stabilization	Storm Water Utility	STM-20-001	526,500
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	190,000
Four Mile Creek Channel Stabilization-NE 36th St	Storm Water Utility	STM-22-004	515,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	190,000
Four Mile Channel Stabilization-Heritage Park	Storm Water Utility	STM-23-001	231,000
NW 17th St Storm Sewer and Pavement Improvements	Storm Water Utility	STM-24-001	940,000
SW Des Moines Street Utility Improvements	Storm Water Utility	STM-24-002	940,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2,550,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	475,000
Annual Pavement Preservation Program	Public Works	STR-00-003	800,000
Annual Street Replacement Program	Public Works	STR-00-004	1,800,000
SW Oralabor Rd and SW Irvineland Dr Intersection	Public Works	STR-16-003	500,000
NW 36th St Reconstruction-Irvineland to Abilene	Public Works	STR-18-003	200,000
South Ankeny Blvd and SE Oralabor Rd Improvements	Public Works	STR-21-005	275,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	4,615,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	350,000
N Ankeny Boulevard Improvements-1st St to 11th St	Public Works	STR-23-001	1,558,955
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	2,500,000
NW Prairie Ridge Dr/9th St and Ash Dr Intersection	Public Works	STR-24-001	3,420,000
I-35 and NE 36th St Interchange Improvements	Public Works	STR-25-001	4,100,000
Local Public Streets Enhanced Design Standards	Public Works	STR-25-004	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,140,000
Fiber Optic Network Upgrade	Public Works	TRF-23-001	700,000
SW Magazine Rd and SW District Dr Traffic Signal	Public Works	TRF-25-002	635,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	1,625,000
SW Linden and SW Sharmin Water Main Improvements	Water Utility	WTM-24-001	64,000
Elevated Water Storage Tower No. 4	Water Utility	WTT-24-001	5,150,000
SCADA System Upgrade	Water Utility	WTT-25-002	225,000
<b>Total for 2026</b>			<b>50,733,955</b>

## 2027

Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	17,225,000
City Facility Parking Lot Improvements	Public Works	BLD-25-001	150,000
SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	50,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	700,000
NE Spectrum Drive RCB Culvert for Otter Creek	Public Works	BRG-22-004	1,300,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	850,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	800,000
PRSC Baseball Infield Reconstruction	Parks and Recreation	PRK-25-003	281,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	600,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,780,000

Project Name	Department	Project #	Project Cost
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	93,500
SW Irvinade Drive Sanitary Sewer Replacement	Sewer Utility	SNS-23-002	127,500
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	1,675,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,420,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	80,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	160,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	210,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2,225,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	500,000
Annual Pavement Preservation Program	Public Works	STR-00-003	850,000
Annual Street Replacement Program	Public Works	STR-00-004	1,600,000
SW Oralabor Rd and SW Irvinade Dr Intersection	Public Works	STR-16-003	4,725,000
NW 36th St Reconstruction-Irvinade to Abilene	Public Works	STR-18-003	700,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	250,000
South Ankeny Blvd and SE Oralabor Rd Improvements	Public Works	STR-21-005	400,000
West 1st Street Widening and Improvements-Phase 2	Public Works	STR-22-003	5,335,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	5,100,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	1,725,000
SE Delaware Avenue Capacity Improvements	Public Works	STR-25-002	100,000
Local Public Streets Enhanced Design Standards	Public Works	STR-25-004	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,690,000
Adaptive Traffic Signal Control Systems	Public Works	TRF-25-003	25,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	1,250,000
SW Linden and SW Sharmin Water Main Improvements	Water Utility	WTM-24-001	586,000
SW Irvinade Elevated Storage Tank Repaint	Water Utility	WTT-23-001	90,000
Elevated Water Storage Tower No. 4	Water Utility	WTT-24-001	5,150,000
<b>Total for 2027</b>			<b>61,303,000</b>

## 2028

Public Works Maintenance Facility Expansion	Public Works	BLD-24-003	6,249,000
SE Frisk Drive RCB Culvert for Four Mile Creek	Public Works	BRG-20-001	350,000
NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	2,525,000
SE Four Mile Drive RCB Culvert for Four Mile Creek	Public Works	BRG-25-001	77,500
Annual Park Development Program	Parks and Recreation	PRK-00-002	875,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	600,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2,030,000
Clover Ridge Trunk Sewer Extension	Sewer Utility	SNS-22-003	856,500
Sanitary Sewer Dead-End Elimination	Sewer Utility	SNS-25-001	675,000
Deer Creek Trunk Sewer Extension-Phase 2	Sewer Utility	SNS-25-002	390,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	1,825,000
SE 3rd St Area Collection Storm Sewer Improvements	Storm Water Utility	STM-21-001	1,330,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	80,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	150,000
Saylor Creek Tributary Channel Improvements	Storm Water Utility	STM-22-005	3,400,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2,425,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	500,000
Annual Pavement Preservation Program	Public Works	STR-00-003	900,000
Annual Street Replacement Program	Public Works	STR-00-004	2,000,000
NW 36th St Reconstruction-Irvinade to Abilene	Public Works	STR-18-003	7,325,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	800,000
South Ankeny Blvd and SE Oralabor Rd Improvements	Public Works	STR-21-005	4,050,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	Public Works	STR-22-004	100,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	Public Works	STR-23-005	375,000
SE Delaware Avenue Capacity Improvements	Public Works	STR-25-002	300,000
NW State St Widening & Rehab W 1st St - NW 18th St	Public Works	STR-25-003	350,000

Project Name	Department	Project #	Project Cost
Local Public Streets Enhanced Design Standards	Public Works	STR-25-004	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,690,000
Adaptive Traffic Signal Control Systems	Public Works	TRF-25-003	500,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	1,400,000
SW Irwindale Elevated Storage Tank Repaint	Water Utility	WTT-23-001	1,187,000
ASR Well No. 2 Rehabilitation	Water Utility	WTT-25-001	200,000
<b>Total for 2028</b>			<b>47,015,000</b>

## 2029

NE 18th Street Bridge over Interstate 35	Public Works	BRG-22-002	6,425,000
SE Four Mile Drive RCB Culvert for Four Mile Creek	Public Works	BRG-25-001	575,000
Ladder Truck Replacement	Fire	OEC 23-001	2,400,000
Annual Park Development Program	Parks and Recreation	PRK-00-002	900,000
High Trestle Trail Experience Park	Parks and Recreation	PRK-22-005	1,000,000
Annual Sidewalk/Trail Construction Program	Public Works	SDW-00-001	600,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	1,955,000
Deer Creek Trunk Sewer Extension-Phase 2	Sewer Utility	SNS-25-002	3,415,000
Annual Storm Water Replacement Program	Storm Water Utility	STM-00-001	1,850,000
Diamond Hills Greenway Stream Stabilization	Storm Water Utility	STM-22-002	1,850,000
Four Mile Creek Channel Stabilization-East 1st St	Storm Water Utility	STM-22-003	1,500,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2,500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	500,000
Annual Pavement Preservation Program	Public Works	STR-00-003	950,000
Annual Street Replacement Program	Public Works	STR-00-004	2,000,000
NW 36th St Reconstruction-Irwindale to Abilene	Public Works	STR-18-003	125,000
NW 18th Street Extension-Spruce to Highway 415	Public Works	STR-18-004	3,287,500
South Ankeny Blvd and SE Oralabor Rd Improvements	Public Works	STR-21-005	4,050,000
NE Delaware Reconstruction-Four Mile to NE 36th	Public Works	STR-23-002	500,000
SE Delaware Avenue Capacity Improvements	Public Works	STR-25-002	425,000
NW State St Widening & Rehab W 1st St - NW 18th St	Public Works	STR-25-003	500,000
Local Public Streets Enhanced Design Standards	Public Works	STR-25-004	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	1,690,000
SE Four Mile Drive Corridor Traffic Study	Public Works	TRF-25-004	175,000
Annual Water Main Replacement Program	Water Utility	WTM-00-001	1,425,000
SW Oralabor Road Transmission Main	Water Utility	WTM-25-001	300,000
ASR Well No. 2 Rehabilitation	Water Utility	WTT-25-001	2,200,000
<b>Total for 2029</b>			<b>44,597,500</b>

## GRAND TOTAL

235,836,955

City of Ankeny, Iowa  
*2025 - 2029 Capital Improvement Program*  
 2025 thru 2029

**FUNDING SOURCE SUMMARY**

<b>Source</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Capital Project Fund	3,805,000	2,949,000	430,000	530,000	180,000	7,894,000
Capital Reserve Fund	150,000	1,150,000	150,000			1,450,000
County Contributions	185,000					185,000
FHWA/IDOT Grants	767,640		1,600,000	1,400,000		3,767,640
G.O. Bonds	15,953,000	16,968,955	16,765,000	19,142,500	18,327,500	87,156,955
G.O. Bonds - Referendum			8,724,438	3,165,111		11,889,549
G.O. Bonds - Storm Water Abated	3,310,167	2,400,833	1,770,000	4,960,000	3,350,000	15,791,000
G.O. Bonds - TIF Abated	940,000	7,796,000	9,513,500	4,325,000	8,755,000	31,329,500
Hotel/Motel Tax Fund	233,500	306,000	681,000		500,000	1,720,500
MPO/STBG Grants		1,500,000	1,346,500	1,250,000	1,720,000	5,816,500
Other Grants			400,000		500,000	900,000
Park Dedication Fund	100,000	100,000	100,000	100,000	100,000	500,000
Private Contributions	1,214,860	90,000				1,304,860
Road Use Tax Fund	200,000	1,000,000	200,000	200,000	200,000	1,800,000
Sewer Fund	1,711,667	6,570,834	7,318,681	5,652,262	5,315,000	26,568,444
Special Assessments		200,000	700,000	825,000		1,725,000
Storm Water Fund	600,000	2,050,000	1,675,000	1,825,000	1,850,000	8,000,000
Water Fund	1,941,666	900,000	1,100,000	1,200,000	1,300,000	6,441,666
Water Revenue Bonds	1,075,000	6,752,333	8,828,881	2,440,127	2,500,000	21,596,341
<b>GRAND TOTAL</b>		<b>32,187,500</b>	<b>50,733,955</b>	<b>61,303,000</b>	<b>47,015,000</b>	<b>44,597,500</b>
						<b>235,836,955</b>

City of Ankeny, Iowa  
*2025 - 2029 Capital Improvement Program*  
 2025 thru 2029

**PROJECTS BY FUNDING SOURCE**

Source	Project #	2025	2026	2027	2028	2029	Total
<b>Capital Project Fund</b>							
Public Works Satellite Salt Storage Facility	BLD-21-002	90,000					90,000
High Trestle Trail Overlay-W 1st St to NW 18th St	SDW-25-002	160,000					160,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	285,000	905,000	280,000	330,000	55,000	1,855,000
SE 3rd Street Trunk Sewer Extension	SNS-20-002	650,000					650,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001	325,000	275,000				600,000
Deer Creek Trunk Sewer Extension-Phase 1	SNS-23-003	80,000					80,000
Annual Storm Water Replacement Program	STM-00-001	90,000					90,000
Annual Street Replacement Program	STR-00-004	800,000					800,000
SW Oralabor Rd and SW Irwindale Dr Intersection	STR-16-003	250,000	500,000				750,000
South Ankeny Blvd and SE Oralabor Rd Improvements	STR-21-005	150,000	275,000				425,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	775,000	269,000				1,044,000
Annual Water Main Replacement Program	WTM-00-001	150,000	725,000	150,000	200,000	125,000	1,350,000
<b>Capital Project Fund Total</b>		<b>3,805,000</b>	<b>2,949,000</b>	<b>430,000</b>	<b>530,000</b>	<b>180,000</b>	<b>7,894,000</b>
<b>Capital Reserve Fund</b>							
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	150,000			450,000
<b>Capital Reserve Fund Total</b>		<b>150,000</b>	<b>1,150,000</b>	<b>150,000</b>			<b>1,450,000</b>
<b>County Contributions</b>							
High Trestle Trail Experience Park	PRK-22-005		100,000				100,000
Annual Traffic Signal Improvement Program	TRF-00-001		85,000				85,000
<b>County Contributions Total</b>			<b>185,000</b>				<b>185,000</b>
<b>FHWA/IDOT Grants</b>							
SW Oralabor Rd and SW Irwindale Dr Intersection	STR-16-003			1,200,000			1,200,000
South Ankeny Blvd and SE Oralabor Rd Improvements	STR-21-005				1,000,000		1,000,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003			400,000			400,000
SE Creekview Drive Extension	STR-24-003	767,640					767,640
Adaptive Traffic Signal Control Systems	TRF-25-003				400,000		400,000
<b>FHWA/IDOT Grants Total</b>		<b>767,640</b>		<b>1,600,000</b>	<b>1,400,000</b>		<b>3,767,640</b>
<b>G.O. Bonds</b>							
SE Frisk Drive RCB Culvert for Four Mile Creek	BRG-20-001			50,000	350,000		400,000
SE Four Mile Drive RCB Culvert for Four Mile Creek	BRG-25-001				77,500	575,000	652,500
Ladder Truck Replacement	OEC 23-001					2,400,000	2,400,000
Annual Park Development Program	PRK-00-002	700,000	725,000	750,000	775,000	800,000	3,750,000
Sunrise Park Parking Lot Overlay	PRK-24-001	150,000					150,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	260,000	400,000	400,000	400,000	400,000	1,860,000

Source	Project #	2025	2026	2027	2028	2029	Total
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001		505,000				505,000
Annual PCC Street Patching Program	STR-00-001	1,700,000	2,550,000	2,225,000	2,425,000	2,500,000	11,400,000
Annual Asphalt Street Resurfacing Program	STR-00-002	450,000	475,000	500,000	500,000	500,000	2,425,000
Annual Pavement Preservation Program	STR-00-003	600,000	800,000	850,000	900,000	950,000	4,100,000
Annual Street Replacement Program	STR-00-004	1,500,000	1,800,000	1,600,000	2,000,000	2,000,000	8,900,000
NW 36th St Reconstruction-Irvindale to Abilene	STR-18-003				6,500,000	125,000	6,625,000
NW 18th Street Extension-Spruce to Highway 415	STR-18-004			250,000	800,000	3,287,500	4,337,500
NW Irvindale Dr and NW 18th St Intersection	STR-21-004	4,650,000					4,650,000
NW 18th St Reconstruction-NW State St to NW Ash Dr	STR-22-004	200,000	350,000	5,100,000	100,000		5,750,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	1,653,000	1,558,955				3,211,955
NE Delaware Reconstruction-Four Mile to NE 36th	STR-23-002				500,000		500,000
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005	175,000	500,000	1,725,000	375,000		2,775,000
NW Prairie Ridge Dr/9th St and Ash Dr Intersection	STR-24-001	400,000	3,420,000				3,820,000
SE Delaware Avenue Capacity Improvements	STR-25-002			100,000	300,000	425,000	825,000
NW State St Widening & Rehab W 1st St - NW 18th St	STR-25-003				350,000	500,000	850,000
Local Public Streets Enhanced Design Standards	STR-25-004	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000
Annual Traffic Signal Improvement Program	TRF-00-001	1,065,000	1,140,000	1,690,000	1,690,000	1,690,000	7,275,000
Fiber Optic Network Upgrade	TRF-23-001	890,000	700,000				1,590,000
SW Magazine Rd and SW District Dr Traffic Signal	TRF-25-002	60,000	545,000				605,000
Adaptive Traffic Signal Control Systems	TRF-25-003			25,000	100,000		125,000
SE Four Mile Drive Corridor Traffic Study	TRF-25-004					175,000	175,000
<b>G.O. Bonds Total</b>		<b>15,953,000</b>	<b>16,968,955</b>	<b>16,765,000</b>	<b>19,142,500</b>	<b>18,327,500</b>	<b>87,156,955</b>

#### G.O. Bonds - Referendum

Public Works Maintenance Facility Expansion	BLD-24-003		8,724,438	3,165,111	11,889,549
<b>G.O. Bonds - Referendum Total</b>			<b>8,724,438</b>	<b>3,165,111</b>	<b>11,889,549</b>

#### G.O. Bonds - Storm Water Abated

Sawgrass Park Dam Improvements	STM-19-004		700,000			700,000
Four Mile Creek and Tributary Stabilization	STM-20-001	536,500	526,500			1,063,000
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006	545,000				545,000
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		190,000	1,320,000	1,330,000	2,840,000
Diamond Hills Greenway Stream Stabilization	STM-22-002			80,000	80,000	1,850,000
Four Mile Creek Channel Stabilization-East 1st St	STM-22-003			160,000	150,000	1,500,000
Four Mile Creek Channel Stabilization-NE 36th St	STM-22-004	439,000	515,000			954,000
Saylor Creek Tributary Channel Improvements	STM-22-005		190,000	210,000	3,400,000	3,800,000
Four Mile Channel Stabilization-Heritage Park	STM-23-001	138,000	231,000			369,000
NW 17th St Storm Sewer and Pavement Improvements	STM-24-001		435,000			435,000
SW Des Moines Street Utility Improvements	STM-24-002	461,667	313,333			775,000
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	490,000				490,000
<b>G.O. Bonds - Storm Water Abated Total</b>		<b>3,310,167</b>	<b>2,400,833</b>	<b>1,770,000</b>	<b>4,960,000</b>	<b>3,350,000</b>
						<b>15,791,000</b>

#### G.O. Bonds - TIF Abated

NE 18th Street Bridge over Interstate 35	BRG-22-002		700,000	700,000	2,275,000	6,425,000	10,100,000
NE Spectrum Drive RCB Culvert for Otter Creek	BRG-22-004		150,000	1,300,000			1,450,000
SW Oralabor Rd and SW Irvindale Dr Intersection	STR-16-003			3,525,000			3,525,000
South Ankeny Blvd and SE Oralabor Rd Improvements	STR-21-005			400,000	2,050,000	2,330,000	4,780,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003		2,846,000	3,588,500			6,434,500
I-35 and NE 36th St Interchange Improvements	STR-25-001	450,000	4,100,000				4,550,000
Uptown Lighting Fixture Upgrades	TRF-25-001	115,000					115,000
SW Walnut Street and SW Ordnance Road Water Main	WTM-20-002	375,000					375,000

Source	Project #	2025	2026	2027	2028	2029	Total
<b>G.O. Bonds - TIF Abated Total</b>		<b>940,000</b>	<b>7,796,000</b>	<b>9,513,500</b>	<b>4,325,000</b>	<b>8,755,000</b>	<b>31,329,500</b>
<b>Hotel/Motel Tax Fund</b>							
High Trestle Trail Experience Park	PRK-22-005	100,000	400,000		500,000		1,000,000
PRSC Softball Batting Cage Replacement	PRK-24-004	133,500					133,500
PRSC Baseball Infield Reconstruction	PRK-25-003		306,000	281,000			587,000
<b>Hotel/Motel Tax Fund Total</b>		<b>233,500</b>	<b>306,000</b>	<b>681,000</b>		<b>500,000</b>	<b>1,720,500</b>
<b>MPO/STBG Grants</b>							
NE 18th Street Bridge over Interstate 35	BRG-22-002			250,000			250,000
South Ankeny Blvd and SE Oralabor Rd Improvements	STR-21-005			1,000,000	1,720,000		2,720,000
West 1st Street Widening and Improvements-Phase 2	STR-22-003	1,500,000	1,346,500				2,846,500
<b>MPO/STBG Grants Total</b>		<b>1,500,000</b>	<b>1,346,500</b>	<b>1,250,000</b>	<b>1,720,000</b>		<b>5,816,500</b>
<b>Other Grants</b>							
High Trestle Trail Experience Park	PRK-22-005		400,000		500,000		900,000
<b>Other Grants Total</b>			<b>400,000</b>		<b>500,000</b>		<b>900,000</b>
<b>Park Dedication Fund</b>							
Annual Park Development Program	PRK-00-002	100,000	100,000	100,000	100,000	100,000	500,000
<b>Park Dedication Fund Total</b>		<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>100,000</b>	<b>500,000</b>
<b>Private Contributions</b>							
PRSC Softball Batting Cage Replacement	PRK-24-004	112,500					112,500
SE Creekview Drive Extension	STR-24-003	1,102,360					1,102,360
SW Magazine Rd and SW District Dr Traffic Signal	TRF-25-002		90,000				90,000
<b>Private Contributions Total</b>		<b>1,214,860</b>	<b>90,000</b>				<b>1,304,860</b>
<b>Road Use Tax Fund</b>							
Public Works Satellite Salt Storage Facility	BLD-21-002		800,000				800,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	200,000	200,000	200,000	200,000	200,000	1,000,000
<b>Road Use Tax Fund Total</b>		<b>200,000</b>	<b>1,000,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>1,800,000</b>
<b>Sewer Fund</b>							
Public Works Maintenance Facility Expansion	BLD-24-003			5,597,681	2,030,762		7,628,443
Annual Sanitary Sewer Replacement Program	SNS-00-001	1,100,000	1,300,000	1,500,000	1,700,000	1,900,000	7,500,000
Otter Creek Trunk Sewer-Phase 4	SNS-12-001		1,750,000				1,750,000
Trestle Ridge Trunk Sewer Cost Share	SNS-22-001		150,000				150,000
Clover Ridge Trunk Sewer Extension	SNS-22-003			93,500	856,500		950,000
SW Irwindale Drive Sanitary Sewer Replacement	SNS-23-002		12,500	127,500			140,000
Deer Creek Trunk Sewer Extension-Phase 1	SNS-23-003	150,000	2,045,000				2,195,000
Sanitary Sewer Dead-End Elimination	SNS-25-001				675,000		675,000
Deer Creek Trunk Sewer Extension-Phase 2	SNS-25-002				390,000	3,415,000	3,805,000
SW Des Moines Street Utility Improvements	STM-24-002	461,667	313,334				775,001
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005		1,000,000				1,000,000

Source	Project #	2025	2026	2027	2028	2029	Total
	<b>Sewer Fund Total</b>	<b>1,711,667</b>	<b>6,570,834</b>	<b>7,318,681</b>	<b>5,652,262</b>	<b>5,315,000</b>	<b>26,568,444</b>
<b>Special Assessments</b>							
NW 36th St Reconstruction-Irvinedale to Abilene	STR-18-003		200,000	700,000	825,000		1,725,000
	<b>Special Assessments Total</b>		<b>200,000</b>	<b>700,000</b>	<b>825,000</b>		<b>1,725,000</b>
<b>Storm Water Fund</b>							
Annual Storm Water Replacement Program	STM-00-001	600,000	2,050,000	1,675,000	1,825,000	1,850,000	8,000,000
	<b>Storm Water Fund Total</b>		<b>600,000</b>	<b>2,050,000</b>	<b>1,675,000</b>	<b>1,825,000</b>	<b>1,850,000</b>
<b>Water Fund</b>							
SE 3rd Street Area Trunk Storm Sewer Improvements	STM-20-006		195,000				195,000
SW Des Moines Street Utility Improvements	STM-24-002	461,666					461,666
N Ankeny Boulevard Improvements-1st St to 11th St	STR-23-001	160,000					160,000
Annual Water Main Replacement Program	WTM-00-001	725,000	900,000	1,100,000	1,200,000	1,300,000	5,225,000
Elevated Water Storage Tower No. 4	WTT-24-001	400,000					400,000
	<b>Water Fund Total</b>		<b>1,941,666</b>	<b>900,000</b>	<b>1,100,000</b>	<b>1,200,000</b>	<b>1,300,000</b>
							<b>6,441,666</b>
<b>Water Revenue Bonds</b>							
Public Works Maintenance Facility Expansion	BLD-24-003			2,902,881	1,053,127		3,956,008
SE 3rd St Area Collection Storm Sewer Improvements	STM-21-001		100,000				100,000
SW Des Moines Street Utility Improvements	STM-24-002	313,333					313,333
S Ankeny Blvd Improvements-SE Peterson to 1st St	STR-23-005		1,000,000				1,000,000
SW Walnut Street and SW Ordnance Road Water Main	WTM-20-002	1,075,000					1,075,000
SW Linden and SW Sharmin Water Main Improvements	WTM-24-001		64,000	586,000			650,000
SW Oralabor Road Transmission Main	WTM-25-001				300,000		300,000
SW Irvinedale Elevated Storage Tank Repaint	WTT-23-001		90,000	1,187,000			1,277,000
Elevated Water Storage Tower No. 4	WTT-24-001		5,150,000	5,150,000			10,300,000
ASR Well No. 2 Rehabilitation	WTT-25-001				200,000	2,200,000	2,400,000
SCADA System Upgrade	WTT-25-002		225,000				225,000
	<b>Water Revenue Bonds Total</b>		<b>1,075,000</b>	<b>6,752,333</b>	<b>8,828,881</b>	<b>2,440,127</b>	<b>2,500,000</b>
							<b>21,596,341</b>
	<b>GRAND TOTAL</b>		<b>32,187,500</b>	<b>50,733,955</b>	<b>61,303,000</b>	<b>47,015,000</b>	<b>44,597,500</b>
							<b>235,836,955</b>

# Section 4

# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**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 Irvindale 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
<b>Total</b>	<b>90,000</b>	<b>800,000</b>				<b>890,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	90,000					90,000
Road Use Tax Fund		800,000				800,000
<b>Total</b>	<b>90,000</b>	<b>800,000</b>				<b>890,000</b>

### 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
<b>Total</b>			<b>500</b>	<b>500</b>	<b>500</b>	<b>1,500</b>

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

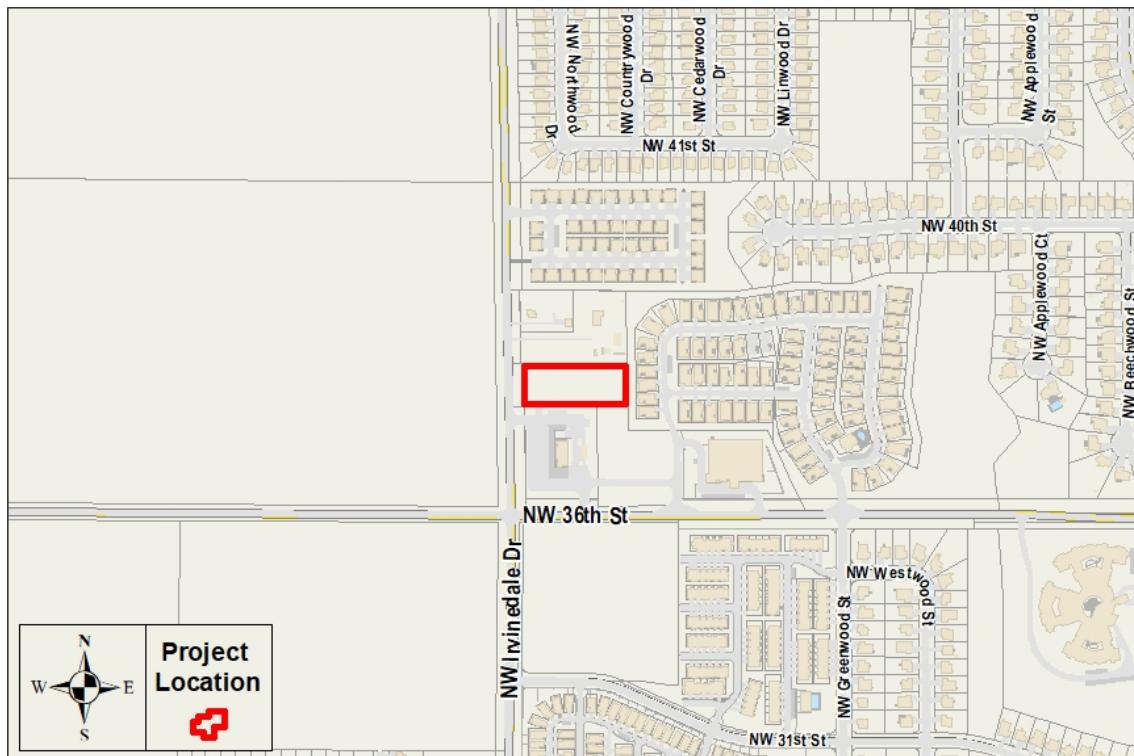
## City of Ankeny, Iowa

## Department Public Works

## Contact City Engineer

Project # BLD-21-002

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



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**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, fleet maintenance, water, and sanitary sewer.

### Justification

Multi-building expansion intended to meet the needs of the current operations at this location (streets, traffic, fleet maintenance, 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.

Projected Construction Costs = \$23,122,080

Projected Design Costs:  
 -Public Works (~51%)  
 -Sanitary Sewer (~32%)  
 -Water (~17%)

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

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
<b>Total</b>	<b>1,000,000</b>	<b>17,225,000</b>		<b>6,249,000</b>		<b>24,474,000</b>

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
<b>Total</b>	<b>1,000,000</b>	<b>17,225,000</b>		<b>6,249,000</b>		<b>24,474,000</b>

### 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.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

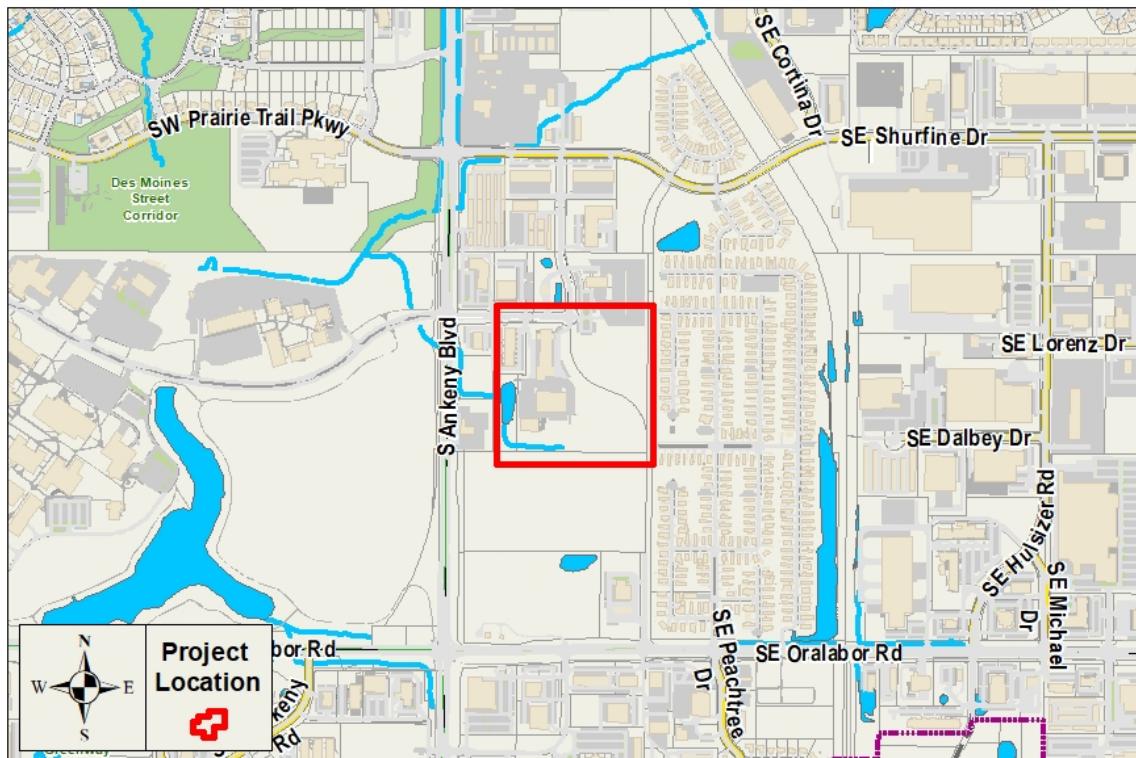
## City of Ankeny, Iowa

Department Public Works

Contact Assistant City Manager

Project # **BLD-24-003**

Project Name **Public Works Maintenance Facility Expansion**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Public Works

**Contact** City Engineer

**Type** Maintenance

**Useful Life** 20 years

**Category** Municipal Buildings

**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 Facility Parking Lot Improvements project will be designed and inspected in-house by Public Works Engineering Division staff.

- 2025: Fire Station No. 1 Parking Lot: \$150,000 (construct)
- 2026: Hawkeye Park and City Hall Parking Lots: \$150,000 (construct)
- 2027: Fire Station No. 2 and Police Station Parking Lots: \$150,000 (construct)

2028-2029: The City-owned parking lots for Fire Station No. 3, Public Services Building, Kirkendall Public 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
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>			<b>450,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Reserve Fund	150,000	150,000	150,000			450,000
<b>Total</b>	<b>150,000</b>	<b>150,000</b>	<b>150,000</b>			<b>450,000</b>

### 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
<b>Total</b>		<b>-1,250</b>	<b>-2,500</b>	<b>-3,750</b>	<b>-3,750</b>	<b>-11,250</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

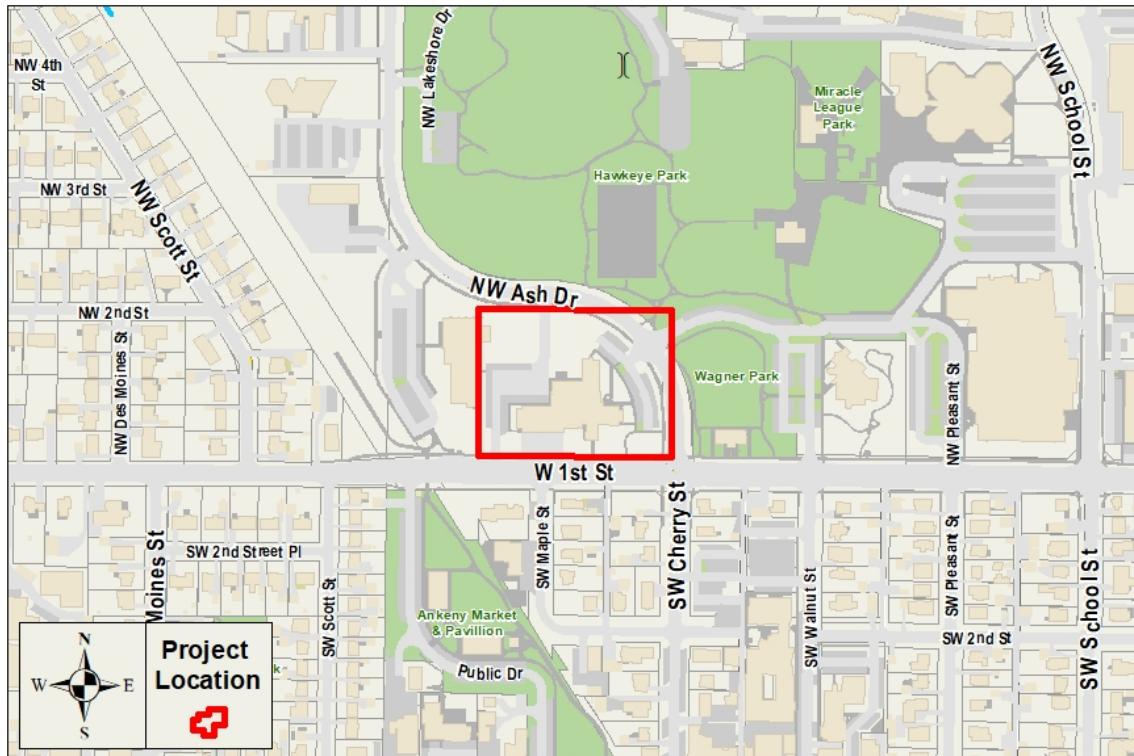
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **BLD-25-001**

Project Name **City Facility Parking Lot Improvements**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

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

**Project #** BRG-20-001

**Project Name** SE Frisk Drive RCB Culvert for Four Mile Creek

#### Description

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

#### Justification

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

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>			<b>50,000</b>	<b>350,000</b>		<b>400,000</b>

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

#### 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.

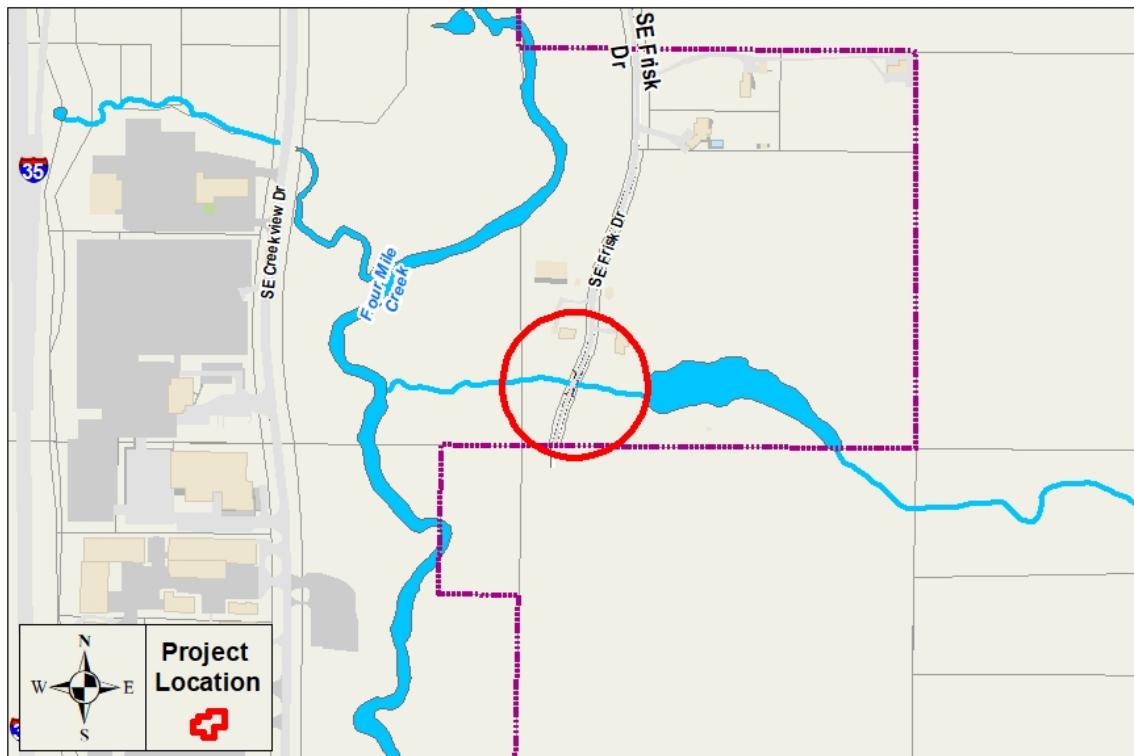
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

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

**Project #** BRG-22-002

**Project Name** NE 18th Street Bridge over Interstate 35

**Department** Public Works

**Contact** City Engineer

**Type** New Construction

**Useful Life** 40 years

**Category** Bridge/Box Culvert

### 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, abd 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
<b>Total</b>	<b>700,000</b>	<b>700,000</b>	<b>2,525,000</b>	<b>6,425,000</b>	<b>10,350,000</b>	

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.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

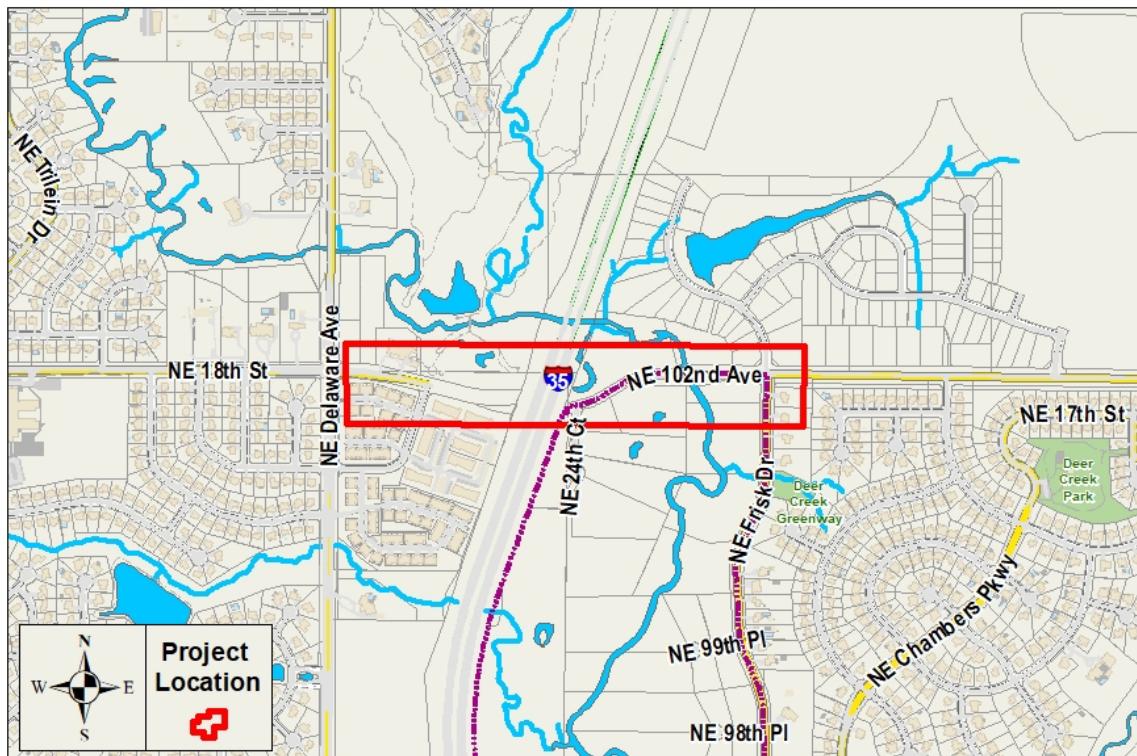
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **BRG-22-002**

Project Name **NE 18th Street Bridge over Interstate 35**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**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.

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

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

#### 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.

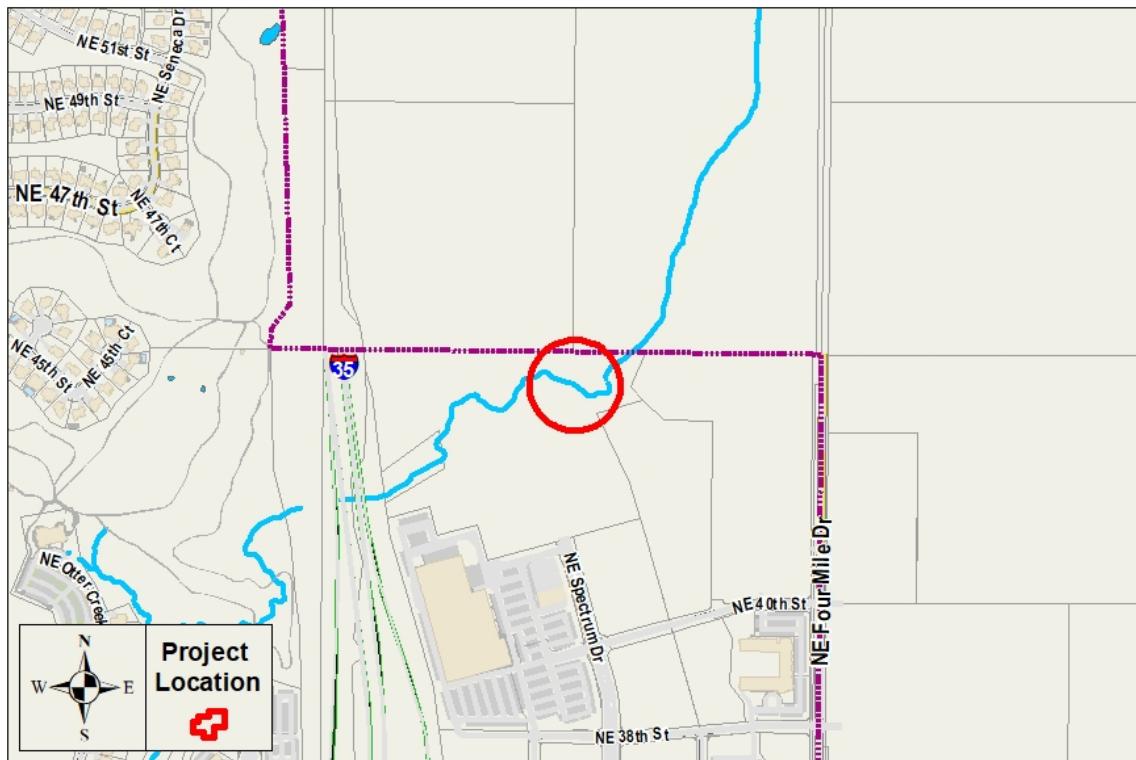
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

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

### City of Ankeny, Iowa

2025 *thru* 2029

**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 Drive RCB Culvert for Four Mile Creek

#### 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					50,000	50,000
Services						
Construction Costs					525,000	525,000
Land/ROW Acquisition				2,500		2,500
<b>Total</b>				<b>77,500</b>	<b>575,000</b>	<b>652,500</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds				77,500	575,000	652,500
<b>Total</b>				<b>77,500</b>	<b>575,000</b>	<b>652,500</b>

#### 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

2025 *thru* 2029

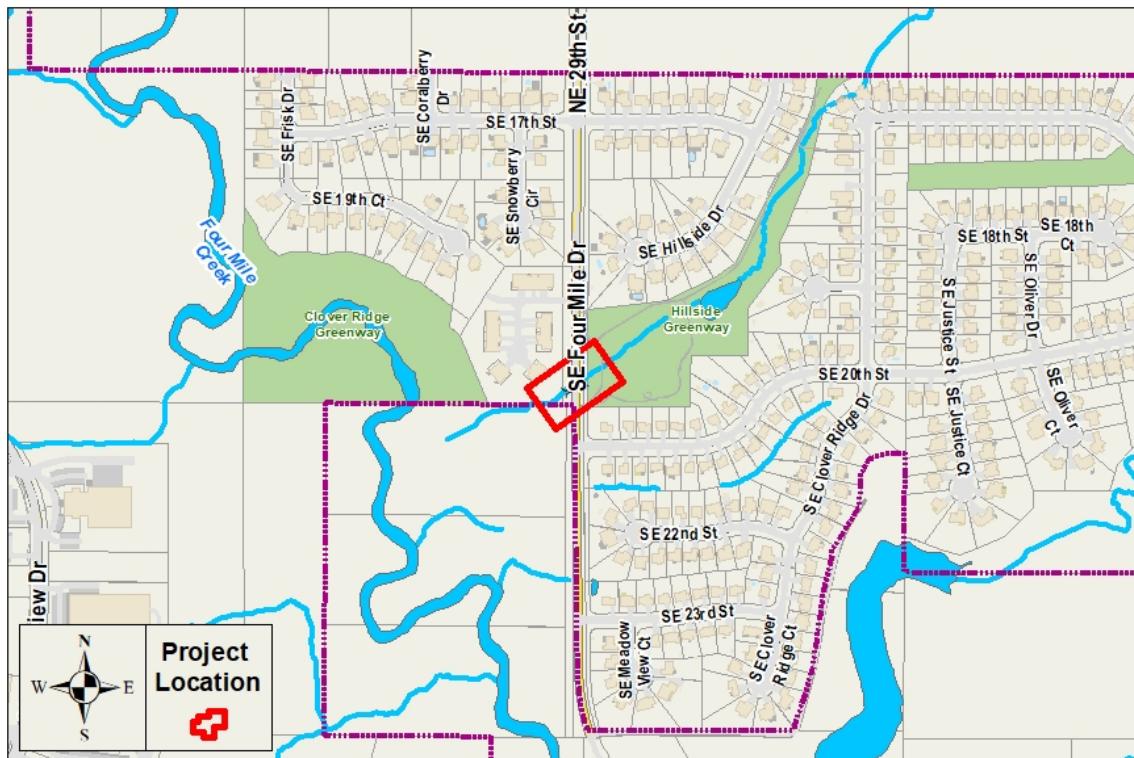
## City of Ankeny, Iowa

## Department Public Works

### Contact City Engineer

Project # BRG-25-001

Project Name SE Four Mile Drive RCB Culvert for Four Mile Creek



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Fire  
**Contact** Fire Chief

**Type** Purchase  
**Useful Life** 20 years  
**Category** Operating/Construction Equip

**Project #** OEC 23-001

**Project Name** Ladder Truck Replacement

### Description

Purchase a replacement ladder truck for the fire department emergency response fleet. This apparatus will be operated from Fire Station No. 1 as the primary fire response vehicle from this location and will include a fire pump and water tank. If approved, we would plan to order the apparatus during the FY 2026 budget. We anticipate a manufacturing time of 48-52 months after the signed contract is submitted to the manufacturer (anticipated delivery in the FY 2030 budget).

If the purchase agreement is signed during the FY 2025 budget, this project would replace the existing ladder truck 1-year ahead of its anticipated service life of 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
<b>Total</b>					<b>2,400,000</b>	<b>2,400,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds					2,400,000	2,400,000
<b>Total</b>					<b>2,400,000</b>	<b>2,400,000</b>

### 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.

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Fire  
Contact Fire Chief

Project # OEC 23-001

Project Name Ladder Truck Replacement



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**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 Development: playground, shelter, High Trestle Trail connection, parking lot, and landscaping.

2026

- Crossings at Deer Creek Park Development: playground, shelter, trail loop, parking lot, and landscaping.

2027

- Kimberley Crossing Park Development: playground, shelter, trail loop, parking lot, and landscaping.

2028

- Other projects TBD

2029

- Other projects 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
<b>Total</b>	<b>800,000</b>	<b>825,000</b>	<b>850,000</b>	<b>875,000</b>	<b>900,000</b>	<b>4,250,000</b>

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
<b>Total</b>	<b>800,000</b>	<b>825,000</b>	<b>850,000</b>	<b>875,000</b>	<b>900,000</b>	<b>4,250,000</b>

### Budget Impact/Other

Trestle Ridge Park construction will increase operating and maintenance costs by a negligible amount.

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

**Department** Parks and Recreation  
**Contact** Parks and Recreation Director

Project # PRK-00-002

Project Name Annual Park Development Program



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**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 (HTT) corridor from the Albaugh Family Senior Community Center to the HTT underpass under South Ankeny Boulevard.

Phase 1 is currently under construction and includes grading, importing soil, native plantings, seeding, trees, glow trial, and installing lighting along this nearly 5,000 LF of trail right-of way. Grading will prepare the trail right-of-way for future public art projects, trail side paths/detours, and other interactive enhancements on both sides of the trail corridor from SW Cherry Street to South Ankeny Boulevard (or approximately 3,000 LF). The total area impacted will be approximately 14 acres.

### 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
<b>Total</b>	<b>200,000</b>		<b>800,000</b>		<b>1,000,000</b>	<b>2,000,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
County Contributions	100,000					100,000
Hotel/Motel Tax Fund	100,000		400,000		500,000	1,000,000
Other Grants			400,000		500,000	900,000
<b>Total</b>	<b>200,000</b>		<b>800,000</b>		<b>1,000,000</b>	<b>2,000,000</b>

### 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
Utilities		750	750	750	750	3,000
<b>Total</b>		<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>2,250</b>	<b>9,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

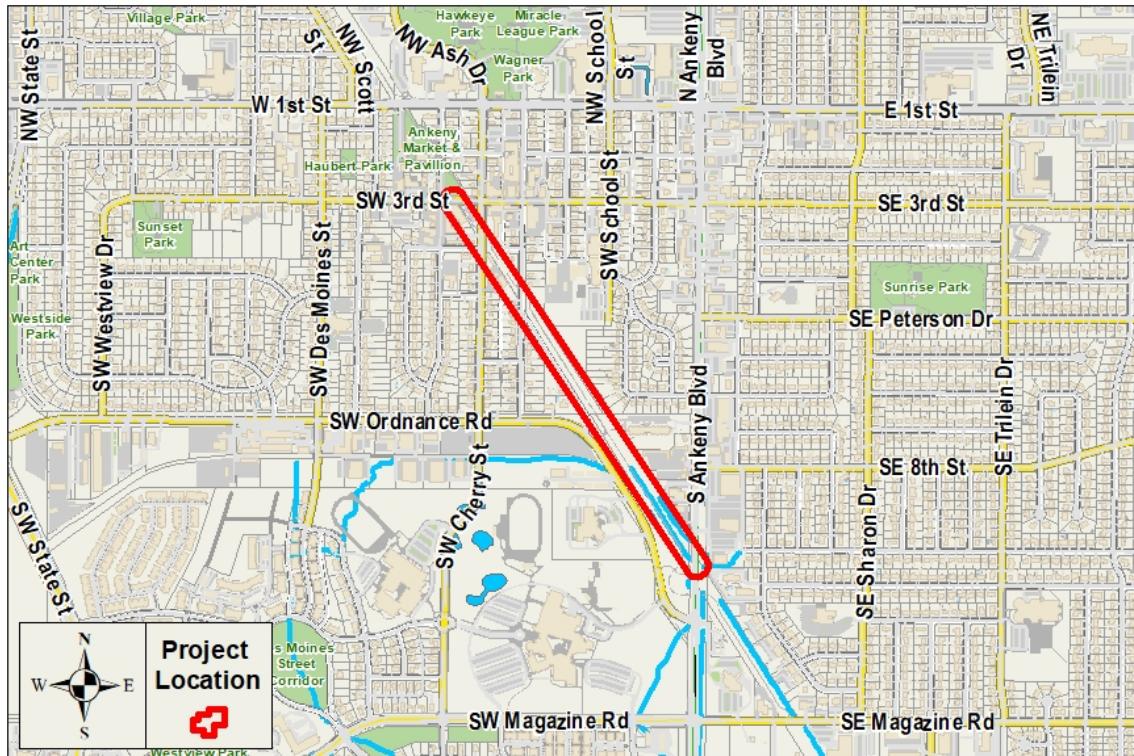
## City of Ankeny, Iowa

Department Parks and Recreation

Contact Parks and Recreation Director

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
<b>Total</b>	<b>150,000</b>					<b>150,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	150,000					150,000
<b>Total</b>	<b>150,000</b>					<b>150,000</b>

#### Budget Impact/Other

None, as this project renovates a current park facility.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

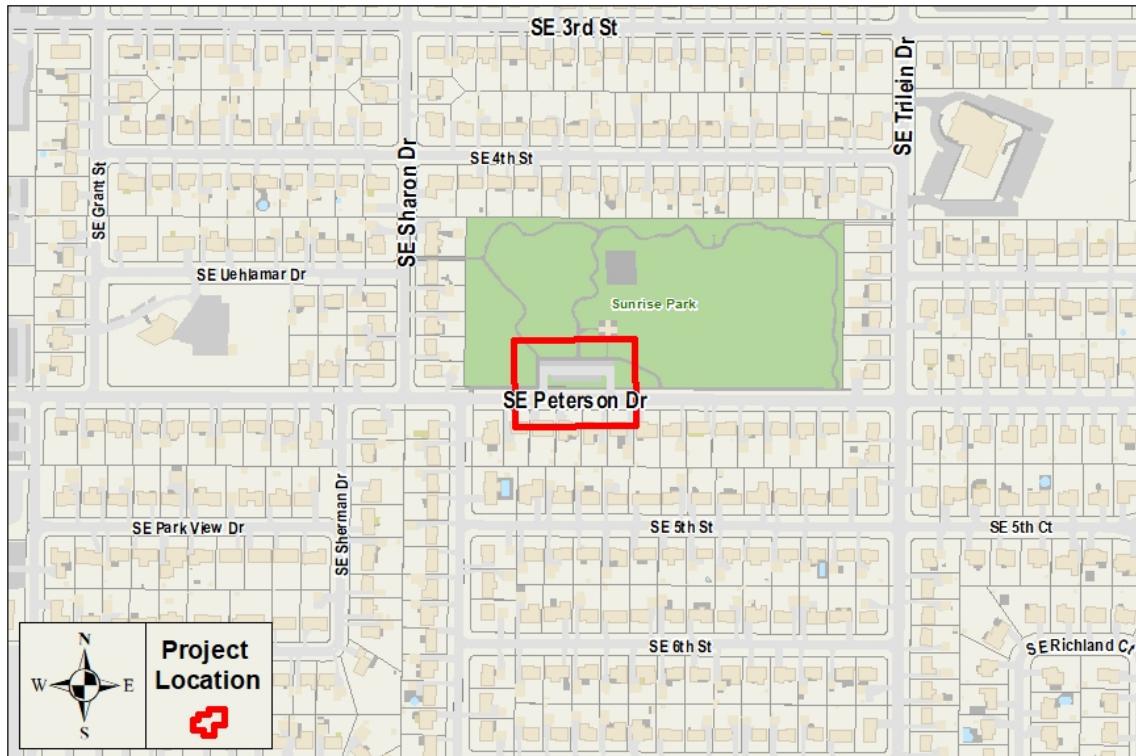
## City of Ankeny, Iowa

**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

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Parks and Recreation

**Contact** Parks and Recreation Director

**Type** Improvement

**Useful Life** 10 years

**Category** Park Facilities

**Project #** PRK-24-004

**Project Name** PRSC Softball Batting Cage Replacement

#### 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
<b>Total</b>	<b>246,000</b>					<b>246,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Hotel/Motel Tax Fund	133,500					133,500
Private Contributions	112,500					112,500
<b>Total</b>	<b>246,000</b>					<b>246,000</b>

#### 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** PRSC Softball Batting Cage Replacement



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Parks and Recreation

**Contact** Parks and Recreation Director

**Type** Improvement

**Useful Life** 20 years

**Category** Park Facilities

**Project #** PRK-25-003

**Project Name** PRSC Baseball Infield Reconstruction

### 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 to 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
<b>Total</b>	<b>306,000</b>	<b>281,000</b>				<b>587,000</b>

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

### Budget Impact/Other

Operationally, this improvement would reduce annual maintenance materials and staff time.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

Department Parks and Recreation

Contact Parks and Recreation Director

Project # **PRK-25-003**

Project Name **PRSC Baseball Infield Reconstruction**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Improvement
<b>Useful Life</b>	20 years
<b>Category</b>	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:

o 2025 - 2029 - \$400,000/year (construction)

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

o 2026 - 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:

o 2025 - 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
<b>Total</b>	<b>460,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>2,860,000</b>
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
<b>Total</b>	<b>460,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>600,000</b>	<b>2,860,000</b>

### 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
<b>Total</b>	<b>3,400</b>	<b>3,800</b>	<b>4,200</b>	<b>4,600</b>	<b>5,000</b>	<b>21,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # SDW-00-001

Project Name Annual Sidewalk/Trail Construction Program



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**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-W 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 West 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
<b>Total</b>	<b>160,000</b>					<b>160,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	160,000					160,000
<b>Total</b>	<b>160,000</b>					<b>160,000</b>

#### Budget Impact/Other

There will be no operating impact from this project.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

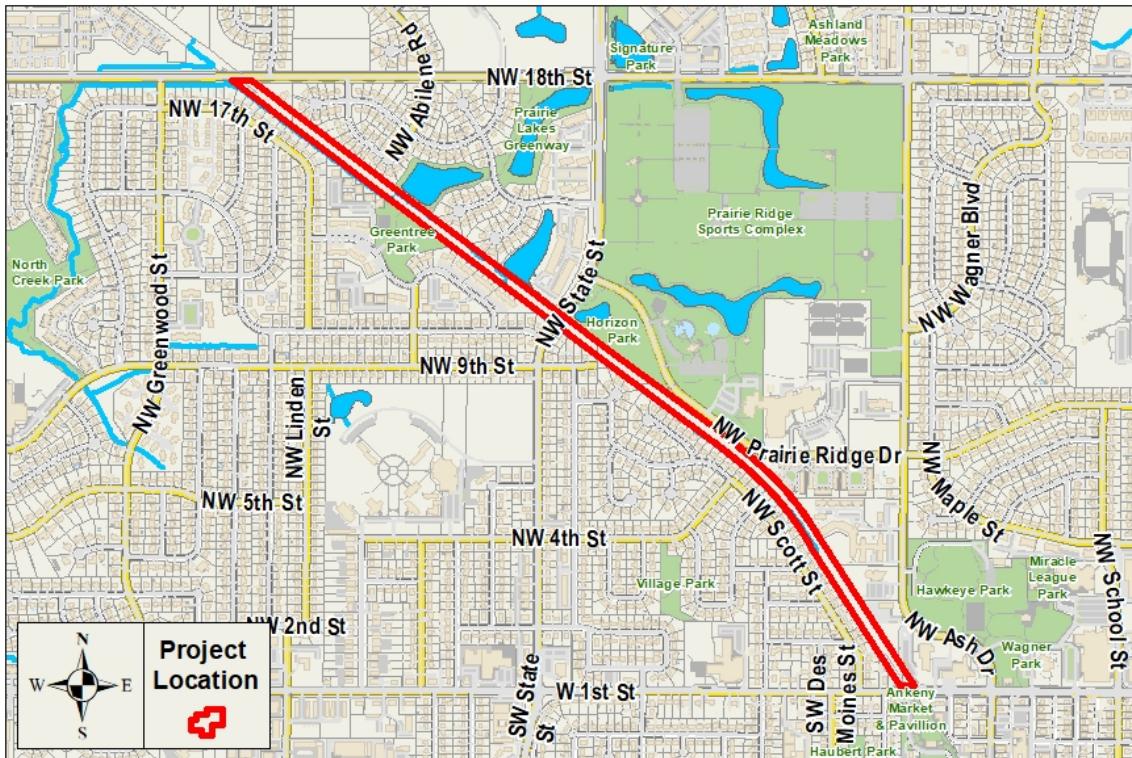
## City of Ankeny, Iowa

Department Water Utility

Contact Municipal Utilities Director

Project # SDW-25-002

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



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** SNS-00-001

**Project Name** Annual Sanitary Sewer Replacement Program

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** Improvement

**Useful Life** 40 years

**Category** Sanitary Sewers

### Description

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

Specific projects for 2025 - 2029 include:

- Bi-annual CIPP sanitary sewer lining: 2026 - \$550,000 and 2028 - \$600,000
- Bi-annual manhole repair project: 2025, 2027, and 2029 - \$500,000/year
- Sanitary sewer spot repairs: 2025 - 2029 - \$75,000/year
- Development sanitary sewer oversizing: 2025 - \$60,000 and 2026 - 2029 - \$30,000/year
- 1/3 NW Northlawn Area Utility Improvements (Phase 4):
  - o 2025 - \$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):
  - o 2025 - \$150,000 (Phase 1 Design Engineering) and \$75,000 (Acquisitions for all phases)
  - o 2026 - \$1,375,000 (Phase 1 Construction) and \$75,000 (Phase 1 Construction Engineering) and \$100,000 (Phase 2 Design Engineering)
  - o 2027 - \$1,000,000 (Phase 2 Construction) and \$75,000 (Phase 2 Construction Engineering) and \$100,000 (Phase 3 Design Engineering)
  - o 2028 - \$1,150,000 (Phase 3 Construction) and \$75,000 (Phase 3 Construction Engineering) and \$100,000 (Phase 4 Design Engineering)
  - o 2029 - \$1,150,000 (Phase 4 Construction) and \$75,000 (Phase 4 Construction Engineering) and \$125,000 (Phase 5 Design Engineering)

### Justification

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

Expenditures	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	1,135,000	2,030,000	1,605,000	1,855,000	1,755,000	8,380,000
Land/ROW Acquisition	75,000					75,000
<b>Total</b>	<b>1,385,000</b>	<b>2,205,000</b>	<b>1,780,000</b>	<b>2,030,000</b>	<b>1,955,000</b>	<b>9,355,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	285,000	905,000	280,000	330,000	55,000	1,855,000
Sewer Fund	1,100,000	1,300,000	1,500,000	1,700,000	1,900,000	7,500,000
<b>Total</b>	<b>1,385,000</b>	<b>2,205,000</b>	<b>1,780,000</b>	<b>2,030,000</b>	<b>1,955,000</b>	<b>9,355,000</b>

### Budget Impact/Other

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

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility  
**Contact** Municipal Utilities Director

Project # **SNS-00-001**

Project Name **Annual Sanitary Sewer Replacement Program**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-12-001

**Project Name** Otter Creek Trunk Sewer-Phase 4

#### Description

Install approximately 3,600 LF of 24-inch diameter sanitary trunk sewer from the north end of Otter Creek Trunk Sewer – Phase 3 north to NE 54th Street along the creek west of NE Four Mile Drive.

#### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services		150,000				150,000
Construction Costs		1,500,000				1,500,000
Land/ROW Acquisition		100,000				100,000
<b>Total</b>		<b>1,750,000</b>				<b>1,750,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Sewer Fund		1,750,000				1,750,000
<b>Total</b>		<b>1,750,000</b>				<b>1,750,000</b>

#### Budget Impact/Other

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

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

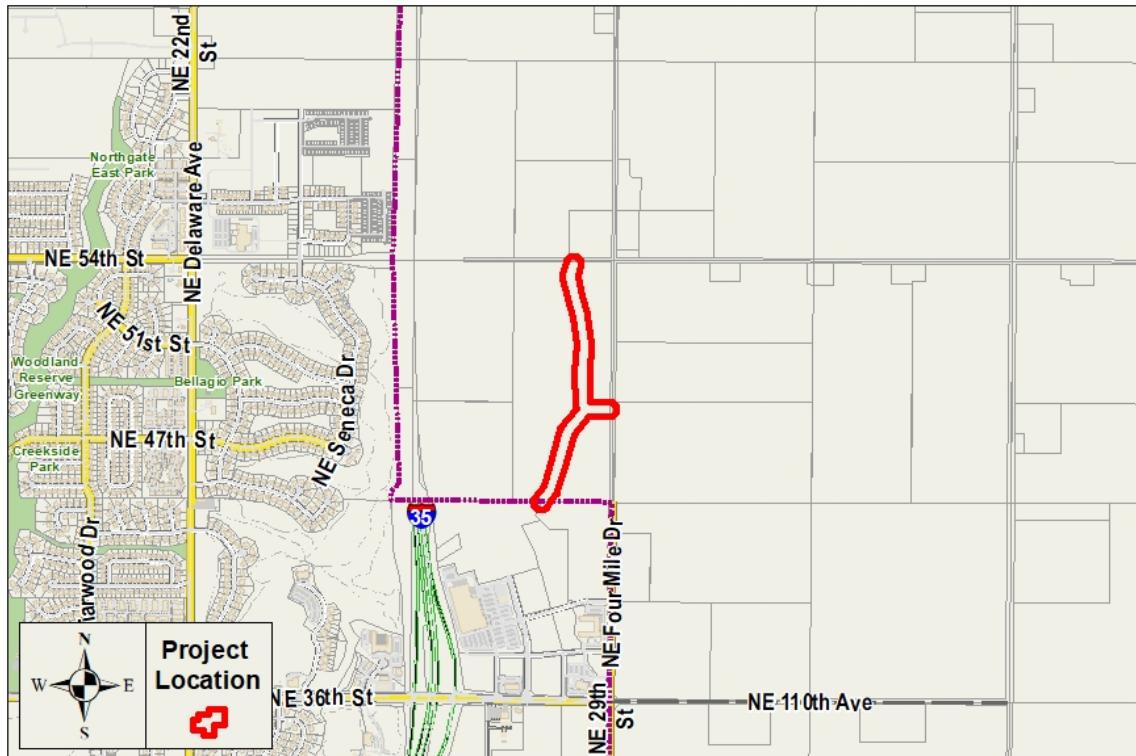
## City of Ankeny, Iowa

**Department** Sewer Utility

**Contact** Municipal Utilities Director

Project # **SNS-12-001**

Project Name **Otter Creek Trunk Sewer-Phase 4**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** Replacement

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-20-002

**Project Name** SE 3rd Street Trunk Sewer Extension

#### Description

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

#### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs	650,000					650,000
<b>Total</b>	<b>650,000</b>					<b>650,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	650,000					650,000
<b>Total</b>	<b>650,000</b>					<b>650,000</b>

#### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Utilities	100					100
<b>Total</b>	<b>100</b>					<b>100</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

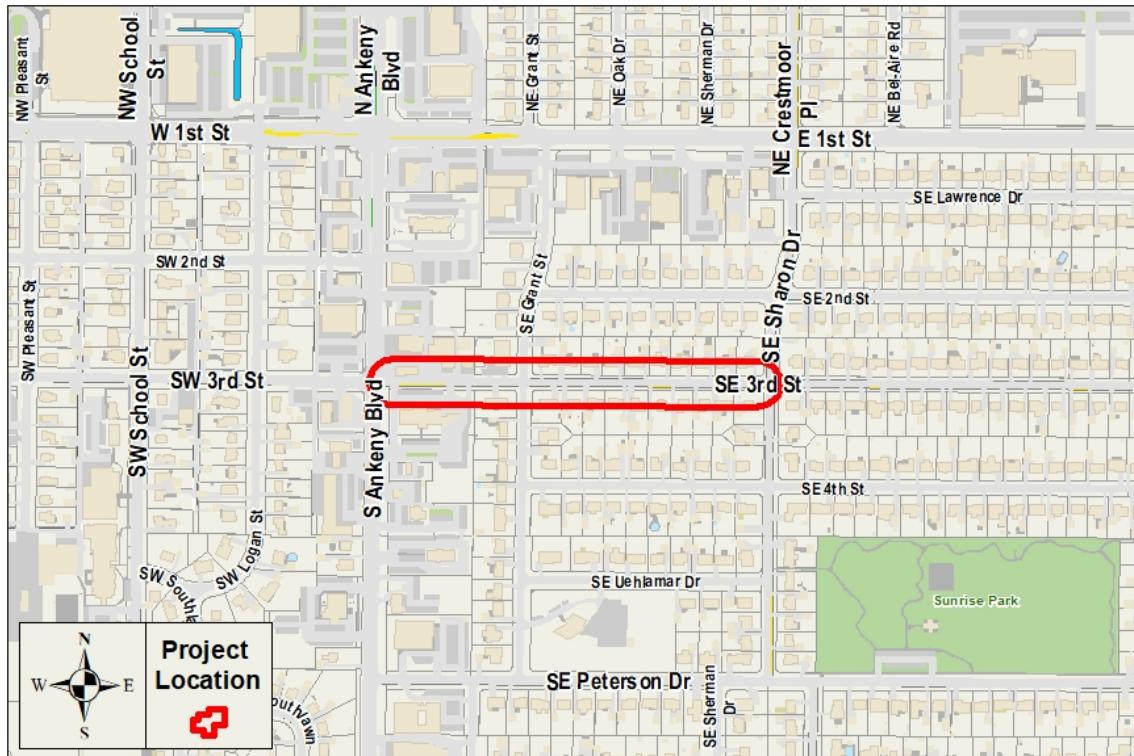
## City of Ankeny, Iowa

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Project #** SNS-20-002

**Project Name** SE 3rd Street Trunk Sewer Extension



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-22-001

**Project Name** Trestle Ridge Trunk Sewer Cost Share

#### Description

The Trestle Ridge Trunk Sewer Cost Share project will include installation of approximately 1,600 LF of 24-inch sanitary sewer in 2025 and approximately 2,700 LF of 21-inch sanitary sewer in 2026. The Phase 1 trunk sewer will connect at an existing manhole at the northwest corner of Trestle Ridge Estates Plat 6 and this line will continue north under NW 36th Street, terminating just north of NW 36th Street. Phase 2 will start at the north end of the Phase 1 limits to approximately 2,700 feet north of NW 36th Street and 1,400 feet west of NW Irvineland Drive.

#### Justification

The Trestle Ridge Trunk Sewer Cost Share project is being proposed due to the developer potentially planning to provide sanitary service to a subdivision north of NW 36 Street and west of NW Irvineland Drive. The sanitary sewer (Phase 1 & 2) is approximately 4,300 feet short of serving this subdivision. The City is proposing to pay the cost difference of upsizing from an 8-inch line in order to avoid creating a development agreement that will result in hundreds of acres of credit due to the developer that will take an unknown amount of time to pay out. This method should be cost beneficial for both the City and developer in the long run. This project was proposed for 2024 but the development project didn't occur so this cost share is being proposed for 2025 in anticipation the development occurs next year. The project is split into two phases in 2025 and 2026 to account for the possibility that the land along this trunk line gets developed in phases similar to what we have shown.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs	325,000	425,000				750,000
<b>Total</b>	<b>325,000</b>	<b>425,000</b>				<b>750,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	325,000	275,000				600,000
Sewer Fund		150,000				150,000
<b>Total</b>	<b>325,000</b>	<b>425,000</b>				<b>750,000</b>

#### Budget Impact/Other

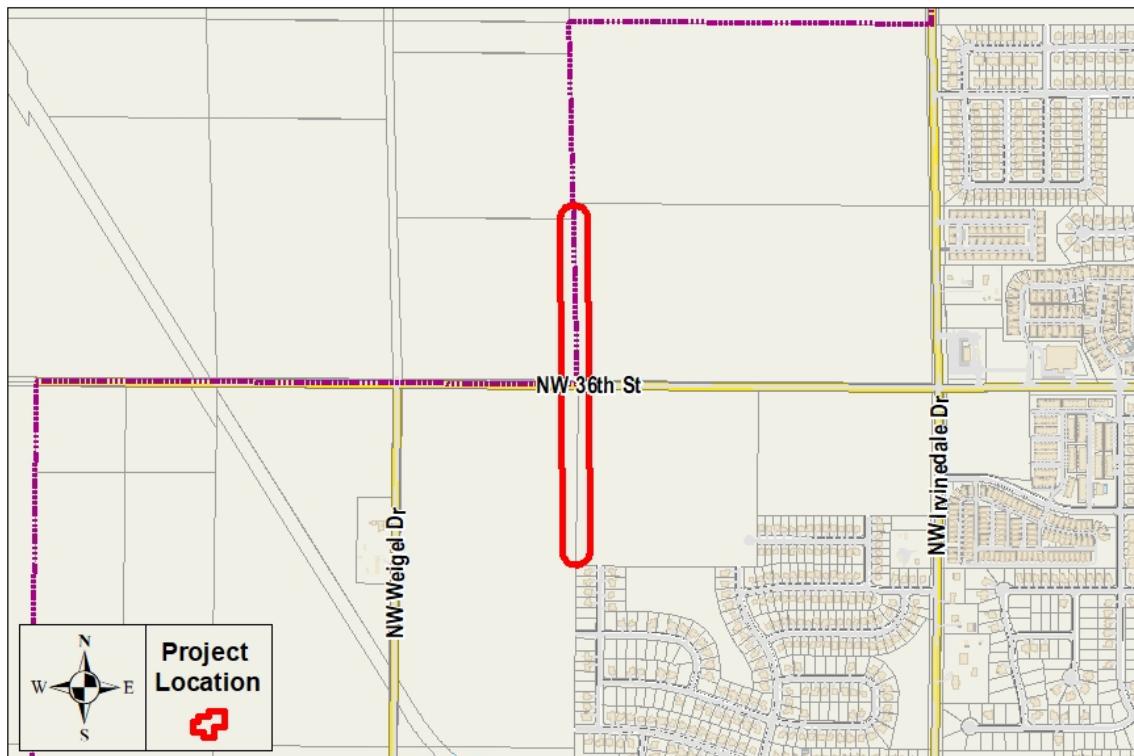
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Sewer Utility  
Contact Municipal Utilities Director

Project # SNS-22-001

Project Name Trestle Ridge Trunk Sewer Cost Share



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-22-003

**Project Name** Clover Ridge Trunk Sewer Extension

#### Description

Install approximately 890 LF of 24-inch diameter sanitary trunk sewer extending east from the existing WRA manhole at the west end of NE 86th Avenue (NE Magazine Road). Stubs will be placed north and east from the terminal manhole for future extensions. The majority of the project will utilize open-cut construction; a portion of the sewer will be bored to accommodate a creek crossing.

#### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design			91,000			91,000
Engineering-Construction Services				76,000		76,000
Construction Costs				780,500		780,500
Land/ROW Acquisition		2,500				2,500
<b>Total</b>			<b>93,500</b>	<b>856,500</b>		<b>950,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Sewer Fund			93,500	856,500		950,000
<b>Total</b>			<b>93,500</b>	<b>856,500</b>		<b>950,000</b>

#### Budget Impact/Other

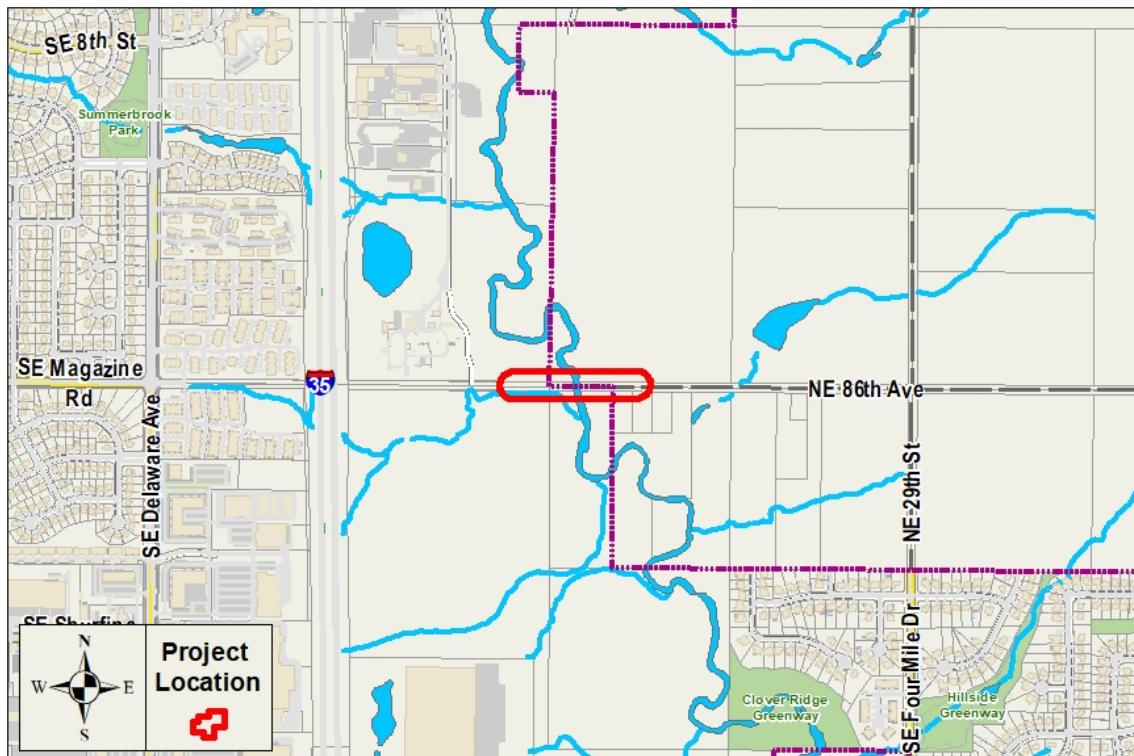
Since this is a new trunk sewer, it is not anticipated that there will be any maintenance required initially. It will be added to our routine pipe cleaning and inspection programs once the maintenance bond period has passed. However, being large diameter trunk sewer, this would have a lower frequency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

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Sewer Utility  
Contact Municipal Utilities Director

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



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** Replacement

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-23-002

**Project Name** SW Irvinadele Drive Sanitary Sewer Replacement

### Description

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

### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		12,500				12,500
Engineering-Construction Services			10,500			10,500
Construction Costs			116,000			116,000
Land/ROW Acquisition			1,000			1,000
<b>Total</b>	<b>12,500</b>	<b>127,500</b>				<b>140,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Sewer Fund		12,500	127,500			140,000
<b>Total</b>	<b>12,500</b>	<b>127,500</b>				<b>140,000</b>

### Budget Impact/Other

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

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

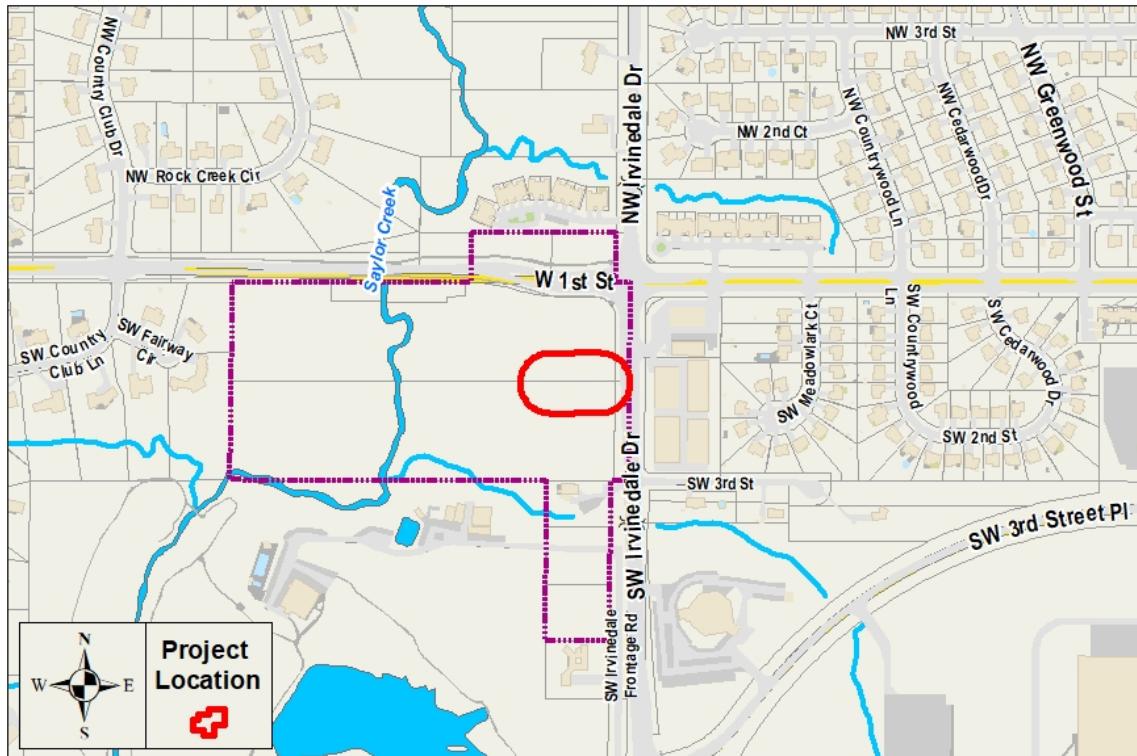
## City of Ankeny, Iowa

Department Sewer Utility

Contact Municipal Utilities Director

Project # SNS-23-002

Project Name SW Irvinedale Drive Sanitary Sewer Replacement



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-23-003

**Project Name** Deer Creek Trunk Sewer Extension-Phase 1

#### Description

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

#### Justification

This project is needed for future land to be annexed and developed north of NE 18th Street. This trunk line will serve a large portion of development land north of NE 18th Street and east of NE 29th Street (county) to the City's 2040 projected growth boundary. City staff will perform the on-site construction inspection, which will save the City roughly \$100,000 in engineering fees in 2026.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design	230,000					230,000
Engineering-Construction Services		100,000				100,000
Construction Costs		1,895,000				1,895,000
Land/ROW Acquisition		50,000				50,000
<b>Total</b>	<b>230,000</b>	<b>2,045,000</b>				<b>2,275,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	80,000					80,000
Sewer Fund	150,000	2,045,000				2,195,000
<b>Total</b>	<b>230,000</b>	<b>2,045,000</b>				<b>2,275,000</b>

#### Budget Impact/Other

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

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

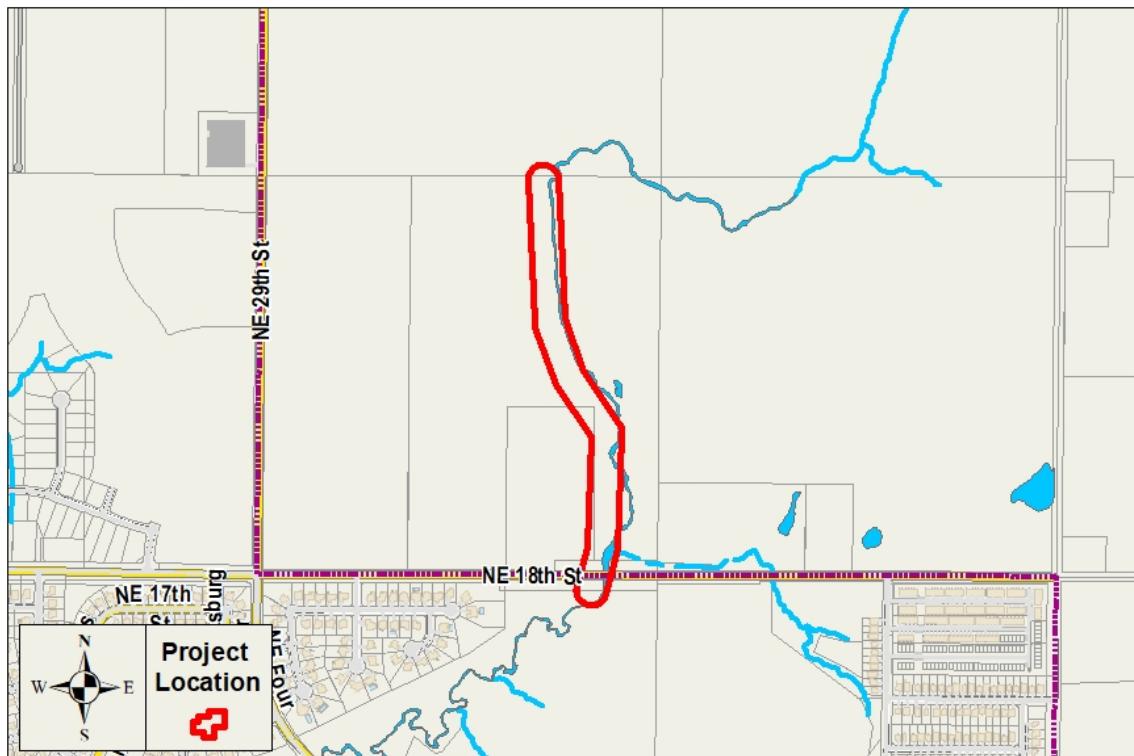
## City of Ankeny, Iowa

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Project #** SNS-23-003

**Project Name** Deer Creek Trunk Sewer Extension-Phase 1



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** Improvement

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-25-001

**Project Name** Sanitary Sewer Dead-End Elimination

#### Description

This project consists of the construction/placement of 13 manholes at the end of dead-end sanitary sewer mains that currently terminate with cleanouts or stubs. Also included with this project is the adjustment to finished grade of manholes that are buried more than 18". Approximately 40 manholes will need adjustment. City staff will perform the design and on-site construction inspection, which will save the City approximately \$132,000 in engineering fees in 2028.

#### Justification

The existing dead-end mains make it difficult for City staff to perform maintenance. Providing manholes at these locations will make it easier for cleaning and televising purposes.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs				675,000		675,000
					675,000	675,000
<b>Total</b>						<b>675,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Sewer Fund				675,000		675,000
					675,000	675,000
<b>Total</b>						<b>675,000</b>

#### Budget Impact/Other

It is anticipated that City staff will be able to more efficiently perform routine maintenance on these segments of pipe.

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility  
**Contact** Municipal Utilities Director

Project # SNS-25-001

Project Name **Sanitary Sewer Dead-End Elimination**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Sanitary Sewers

**Project #** SNS-25-002

**Project Name** Deer Creek Trunk Sewer Extension-Phase 2

### Description

Install approximately 4,500 LF of 30-inch diameter sanitary trunk sewer from the existing 30-inch sanitary line from the end of Deer Creek Trunk Sewer Extension - Phase 1 to the west side of the NE 38th Street (county) right-of-way.

### Justification

Phase 2 continues to cover sanitary needs for future land to be annexed and developed north of NE 18th Street. This trunk line will serve a large portion of development land north of NE 18th Street and east of NE 29th Street (county) to our 2040 project growth boundary. Phase 2 is all developer owned land so it could become a project completed by development agreement and installed by developers. Due to the large amount of land controlled by one developer, a development agreement would be an acceptable and possibly more efficient way to construct this section of sewer. City staff will perform the on-site construction inspection, which will save the City roughly \$165,000 in engineering fees in 2029.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design				390,000		390,000
Engineering-Construction Services					165,000	165,000
Construction Costs					3,250,000	3,250,000
<b>Total</b>				<b>390,000</b>	<b>3,415,000</b>	<b>3,805,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Sewer Fund				390,000	3,415,000	3,805,000
<b>Total</b>				<b>390,000</b>	<b>3,415,000</b>	<b>3,805,000</b>

### Budget Impact/Other

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

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

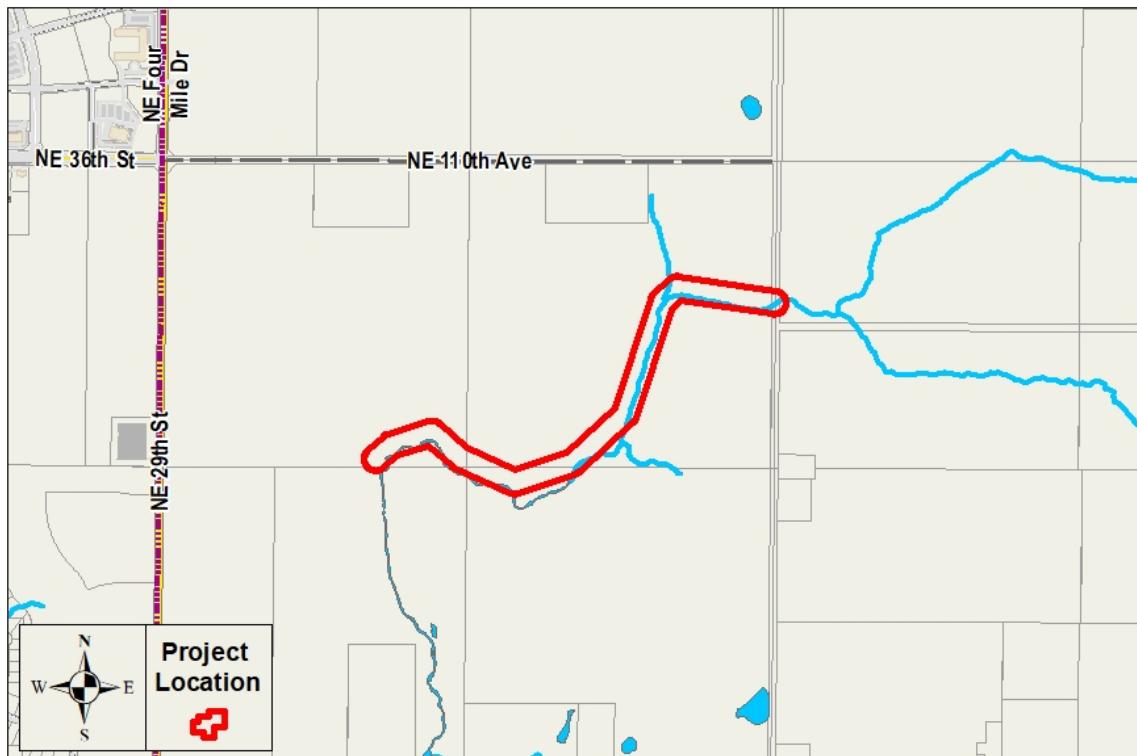
## City of Ankeny, Iowa

**Department** Sewer Utility

**Contact** Municipal Utilities Director

**Project #** SNS-25-002

**Project Name** Deer Creek Trunk Sewer Extension-Phase 2



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** **STM-00-001**

**Project Name** **Annual Storm Water Replacement Program**

### Description

Annual allocation of capital improvement funds for repair and replacement of storm sewer pipes, structures, channels, etc.

1. 3110 Block of SW Logan Street, Intake Replacement – \$35,000
2. Vintage Business Park, North Lake Maintenance - Phase 2 – \$150,000
3. 700 Block of NE 5th Street, Pipe Replacement – \$85,000
4. Flared End Section Ditching, SE Corporate Woods Drive – \$35,000
5. Tradition Detention Basin Grate Replacement – \$35,000
6. Michael Park Erosion Repairs – \$15,000
7. North Creek Park Subdrain Repairs – \$30,000
8. 1500 Block of NW Linwood Drive, Pipe Repair – \$20,000
9. Detention Basin Improvements - South Ankeny Boulevard and SE 16th Street – \$25,000
10. Minor storm water management and storm sewer improvements and repairs – \$35,000

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

- o2025 - \$150,000 (Phase 1 Design Engineering) and \$75,000 (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 purpose of these projects is to repair or improve stormwater infrastructure and associated areas to manage storm water more effectively; stabilize and repair areas of erosion or structural issues; and/or address public safety concerns.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Construction Services	190,000	235,000	235,000	235,000	260,000	1,155,000
Construction Costs	425,000	1,815,000	1,440,000	1,590,000	1,590,000	6,860,000
Land/ROW Acquisition	75,000					75,000
<b>Total</b>	<b>690,000</b>	<b>2,050,000</b>	<b>1,675,000</b>	<b>1,825,000</b>	<b>1,850,000</b>	<b>8,090,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Capital Project Fund	90,000					90,000
Storm Water Fund	600,000	2,050,000	1,675,000	1,825,000	1,850,000	8,000,000
<b>Total</b>	<b>690,000</b>	<b>2,050,000</b>	<b>1,675,000</b>	<b>1,825,000</b>	<b>1,850,000</b>	<b>8,090,000</b>

### Budget Impact/Other

Repairing and improving the storm water management system will reduce the annual maintenance costs for the City by regularly addressing the maintenance issues in the storm water management system.

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs	-10,000	-12,000	-14,000	-16,000	-18,000	-70,000
<b>Total</b>	<b>-10,000</b>	<b>-12,000</b>	<b>-14,000</b>	<b>-16,000</b>	<b>-18,000</b>	<b>-70,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Storm Water Utility  
Contact City Engineer

Project # **STM-00-001**

Project Name **Annual Storm Water Replacement Program**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** STM-19-004

**Project Name** Sawgrass Park Dam Improvements

#### Description

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

#### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	125,000					125,000
Construction Costs	575,000					575,000
<b>Total</b>	<b>700,000</b>					<b>700,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water Abated	700,000					700,000
<b>Total</b>	<b>700,000</b>					<b>700,000</b>

#### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		-500	-500	-500	-500	-2,000
<b>Total</b>		<b>-500</b>	<b>-500</b>	<b>-500</b>	<b>-500</b>	<b>-2,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

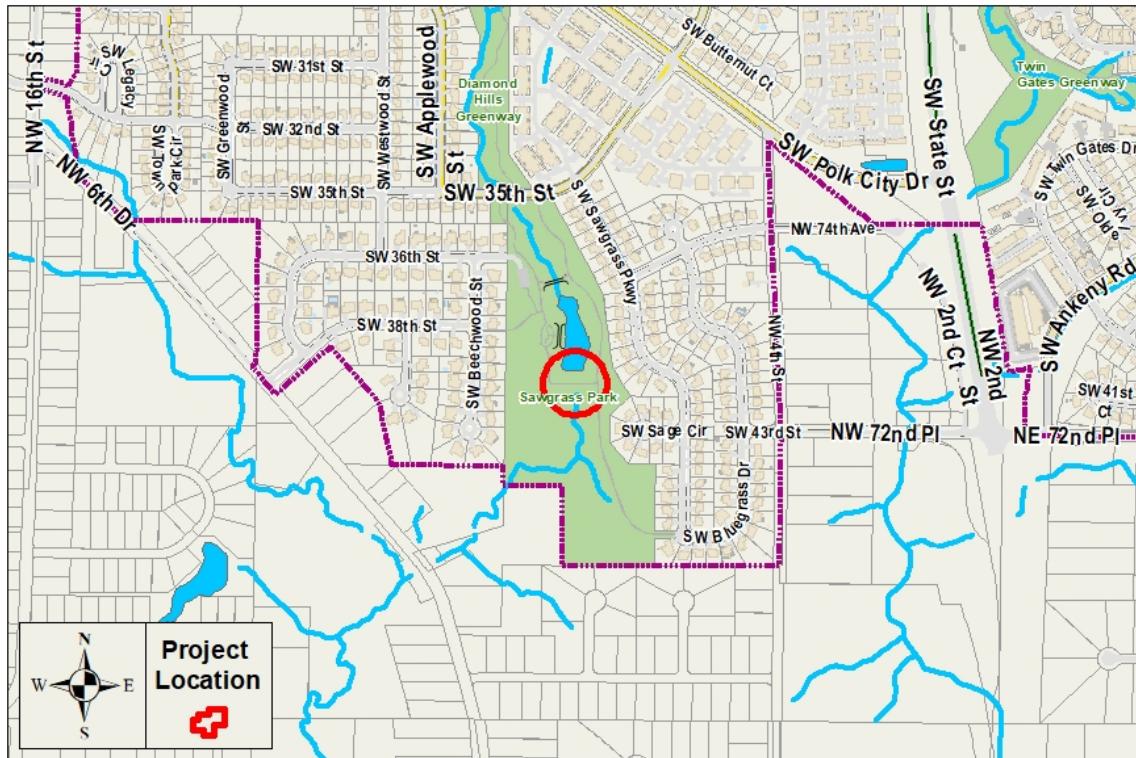
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-19-004**

Project Name **Sawgrass Park Dam Improvements**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** **STM-20-001**

**Project Name** **Four Mile Creek and Tributary Stabilization**

### Description

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

### Justification

The purpose of this project is to stabilize the channel, repair gully erosion and a horseshoe meander, repair and modify a storm water detention basin, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for construction in 2025 and 2026.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Construction Services	54,000	47,500				101,500
Construction Costs	482,500	479,000				961,500
<b>Total</b>	<b>536,500</b>	<b>526,500</b>				<b>1,063,000</b>
<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds - Storm Water Abated	536,500	526,500				1,063,000
<b>Total</b>	<b>536,500</b>	<b>526,500</b>				<b>1,063,000</b>

### Budget Impact/Other

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

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs			20,000	20,000	20,000	60,000
<b>Total</b>			<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>60,000</b>

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

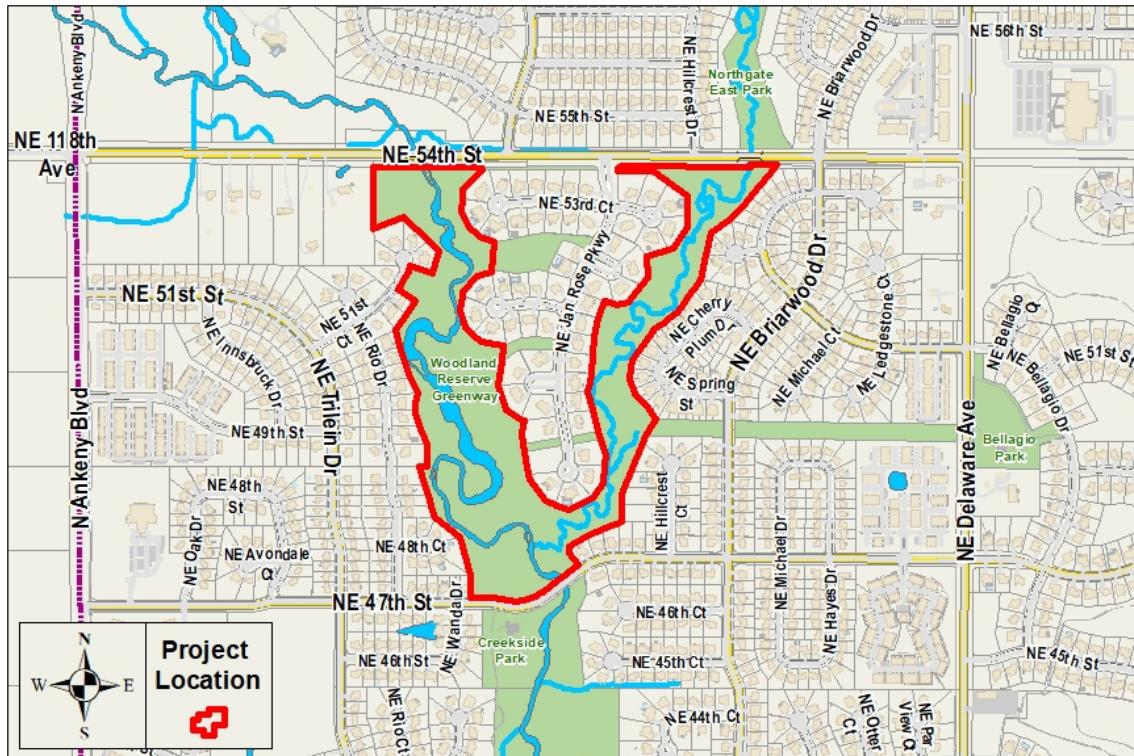
## City of Ankeny, Iowa

**Department** Storm Water Utility

## Contact City Engineer

Project # STM-20-001

Project Name **Four Mile Creek and Tributary Stabilization**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** STM-20-006

**Project Name** SE 3rd Street Area Trunk Storm Sewer Improvements

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Storm Water

### Description

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

### Justification

The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project's proposed schedule includes completing construction in 2025. The proposed storm sewer improvements on SE 3rd Street will need to be coordinated with the Municipal Utilities Department's proposed SE 3rd Street Trunk Sewer Extension, between South Ankeny Boulevard and SE Sharon Drive, and water main replacement along SE 3rd Street. The 2025 construction costs include approximately \$195,000 of water main improvements.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	40,000					40,000
Construction Costs	700,000					700,000
<b>Total</b>	<b>740,000</b>					<b>740,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water Abated	545,000					545,000
Water Fund	195,000					195,000
<b>Total</b>	<b>740,000</b>					<b>740,000</b>

### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs		-2,000	-2,000	-2,000	-2,000	-8,000
<b>Total</b>		<b>-2,000</b>	<b>-2,000</b>	<b>-2,000</b>	<b>-2,000</b>	<b>-8,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

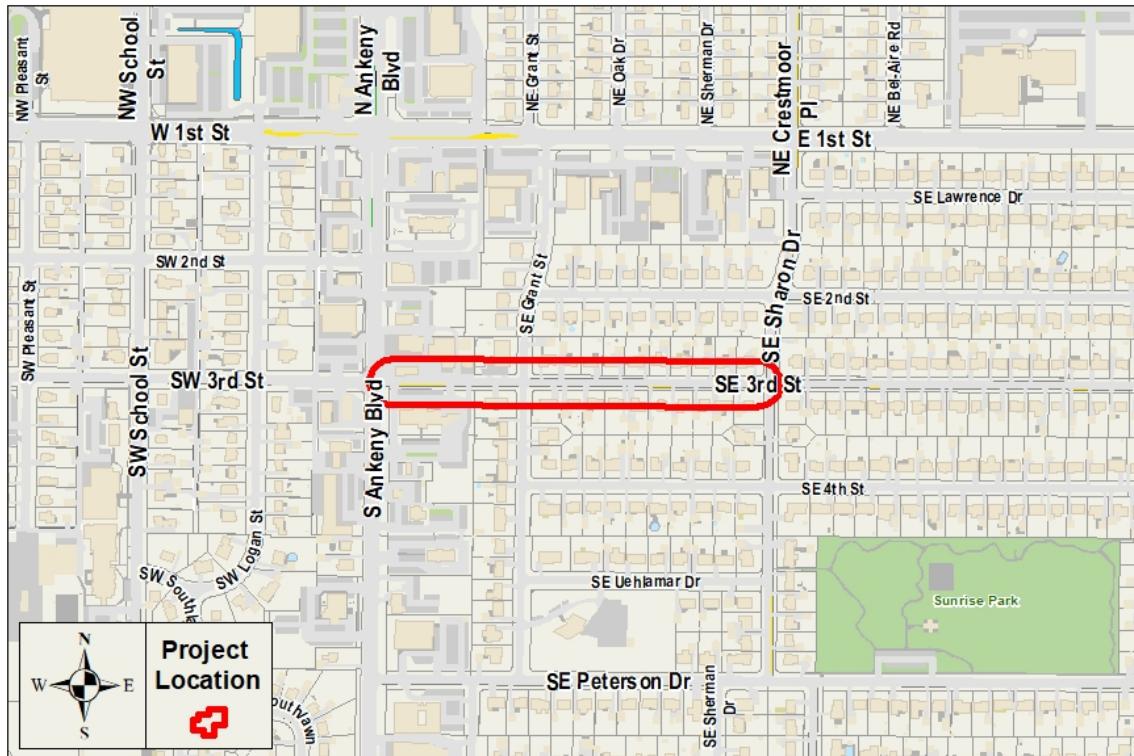
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-20-006**

Project Name **SE 3rd Street Area Trunk Storm Sewer Improvements**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Storm Water

**Project #** STM-21-001

**Project Name** SE 3rd St Area Collection Storm Sewer Improvements

### Description

Construction of storm sewer infrastructure improvements in underserved sections of the SE 3rd Street area, which is located south of East 1st Street, north of SE Peterson Drive, east of South Ankeny Boulevard, and west of SE Trilein Drive. The proposed storm sewer infrastructure improvements will include footing drain/sump collector lines, storm sewer pipe, and associated intakes, utility accesses, and related pavement removal and replacement necessary to install collection storm sewer in the area. The proposed improvements schedule will include constructing new storm sewer along SE 4th Street from SE Grant Street to SE Sharon Drive and along SE Lawrence Drive from SE Sharon Drive to SE Trilein Drive in 2027. New storm sewer along SE Uehlamar Drive from SE Grant Street to SE Sharon Drive and along SE 2nd Street from SE Sharon Drive to SE Trilein Drive is being proposed for construction in 2028.

### Justification

The purpose of the project is to address areas that lack storm sewer infrastructure or have known capacity issues within the existing storm sewer network. The June 30, 2018 extreme flash flooding event and other high intensity rainfall events in the past several years have demonstrated the need for adding storm sewer infrastructure in this low-lying area with poorly-drained soils. Adding sump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. The project's proposed schedule includes survey and design work in 2026 through 2027 and construction of the projects in 2027 through 2028. The construction cost estimate for 2027 includes \$100,000 of water main replacement (upgrade existing 4-inch to new 8-inch) along SE 4th Street.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		190,000	210,000			400,000
Construction Costs			1,210,000	1,330,000		2,540,000
<b>Total</b>	<b>190,000</b>	<b>1,420,000</b>	<b>1,330,000</b>			<b>2,940,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water		190,000	1,320,000	1,330,000		2,840,000
Abated						
Water Revenue Bonds			100,000			100,000
<b>Total</b>	<b>190,000</b>	<b>1,420,000</b>	<b>1,330,000</b>			<b>2,940,000</b>

### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			-1,000	-2,000	-2,000	-5,000
<b>Total</b>			<b>-1,000</b>	<b>-2,000</b>	<b>-2,000</b>	<b>-5,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

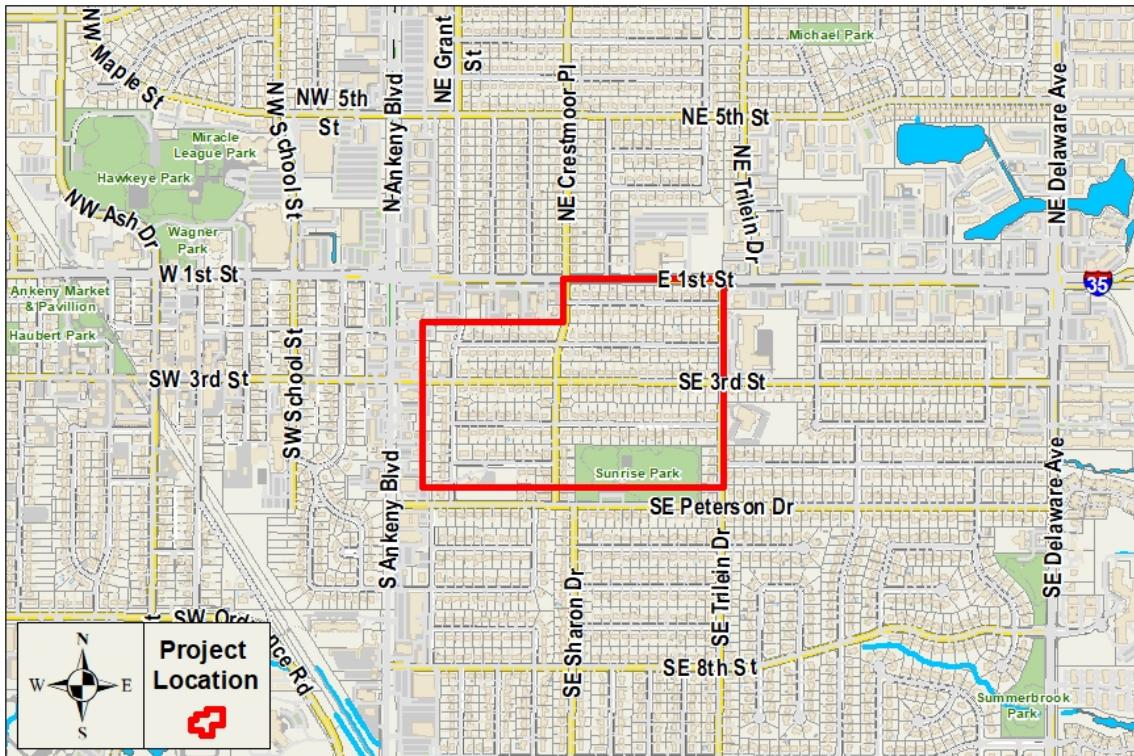
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-21-001**

Project Name **SE 3rd St Area Collection Storm Sewer Improvements**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** STM-22-002

**Project Name** Diamond Hills Greenway Stream Stabilization

### Description

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

### Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the concept study, preliminary design, and survey in 2027; final design in 2028; and construction in 2029.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design			80,000	80,000		160,000
Engineering-Construction Services					80,000	80,000
Construction Costs					1,770,000	1,770,000
<b>Total</b>			<b>80,000</b>	<b>80,000</b>	<b>1,850,000</b>	<b>2,010,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water Abated			80,000	80,000	1,850,000	2,010,000
<b>Total</b>			<b>80,000</b>	<b>80,000</b>	<b>1,850,000</b>	<b>2,010,000</b>

### Budget Impact/Other

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

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

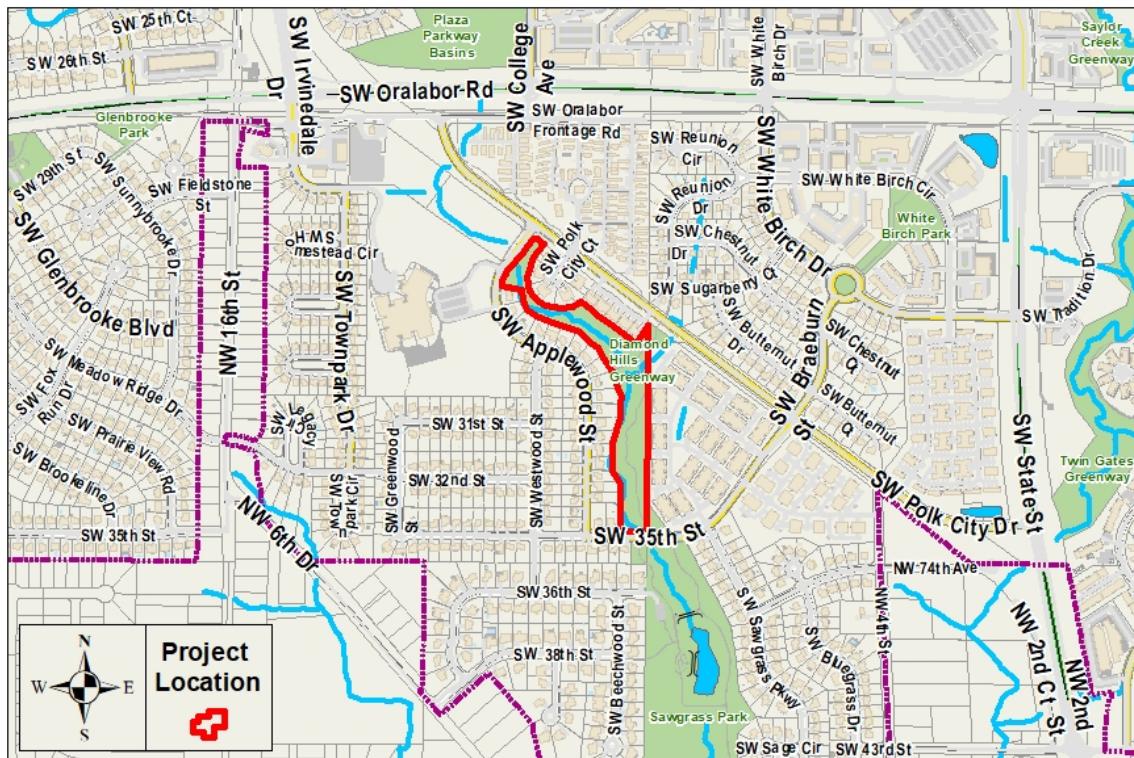
## City of Ankeny, Iowa

**Department** Storm Water Utility

## Contact City Engineer

Project # STM-22-002

Project Name **Diamond Hills Greenway Stream Stabilization**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** **STM-22-003**

**Project Name** **Four Mile Creek Channel Stabilization-East 1st St**

### Description

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

### Justification

The purpose of this project is to stabilize the channel, repair gully erosion, extend and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the survey and preliminary design to be completed in 2027, permitting to be completed in 2027 through 2028, final design in 2028, and construction in 2029.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design			160,000	150,000		310,000
Engineering-Construction Services					180,000	180,000
Construction Costs					1,320,000	1,320,000
<b>Total</b>			<b>160,000</b>	<b>150,000</b>	<b>1,500,000</b>	<b>1,810,000</b>
<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds - Storm Water Abated			160,000	150,000	1,500,000	1,810,000
<b>Total</b>			<b>160,000</b>	<b>150,000</b>	<b>1,500,000</b>	<b>1,810,000</b>

### Budget Impact/Other

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

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

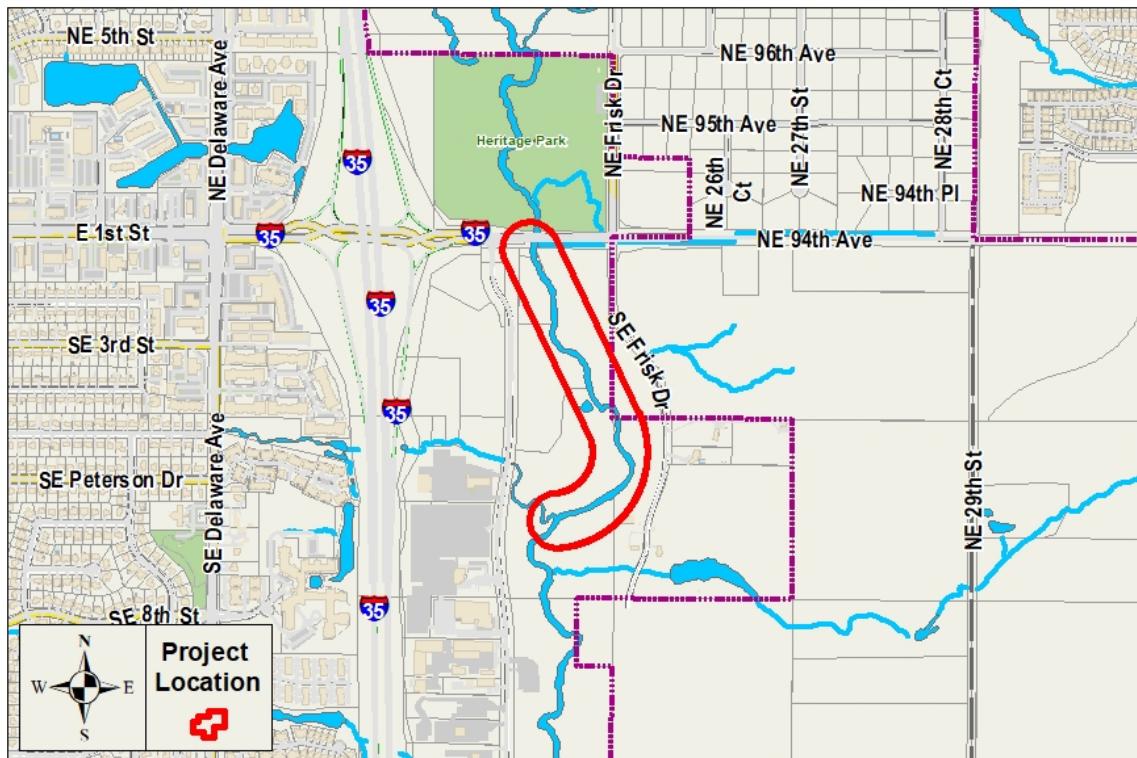
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-22-003**

Project Name **Four Mile Creek Channel Stabilization-East 1st St**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** STM-22-004

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

### Description

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

### Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and repair outlet structures which have caused safety and functionality concerns. The project costs are shown for the permitting and final design to be completed in 2025, and construction in 2025 through 2026.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Construction Services	163,000	96,000				259,000
Construction Costs	276,000	419,000				695,000
<b>Total</b>	<b>439,000</b>	<b>515,000</b>				<b>954,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds - Storm Water Abated	439,000	515,000				954,000
<b>Total</b>	<b>439,000</b>	<b>515,000</b>				<b>954,000</b>

### Budget Impact/Other

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

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs			15,000	15,000	15,000	45,000
<b>Total</b>			<b>15,000</b>	<b>15,000</b>	<b>15,000</b>	<b>45,000</b>

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

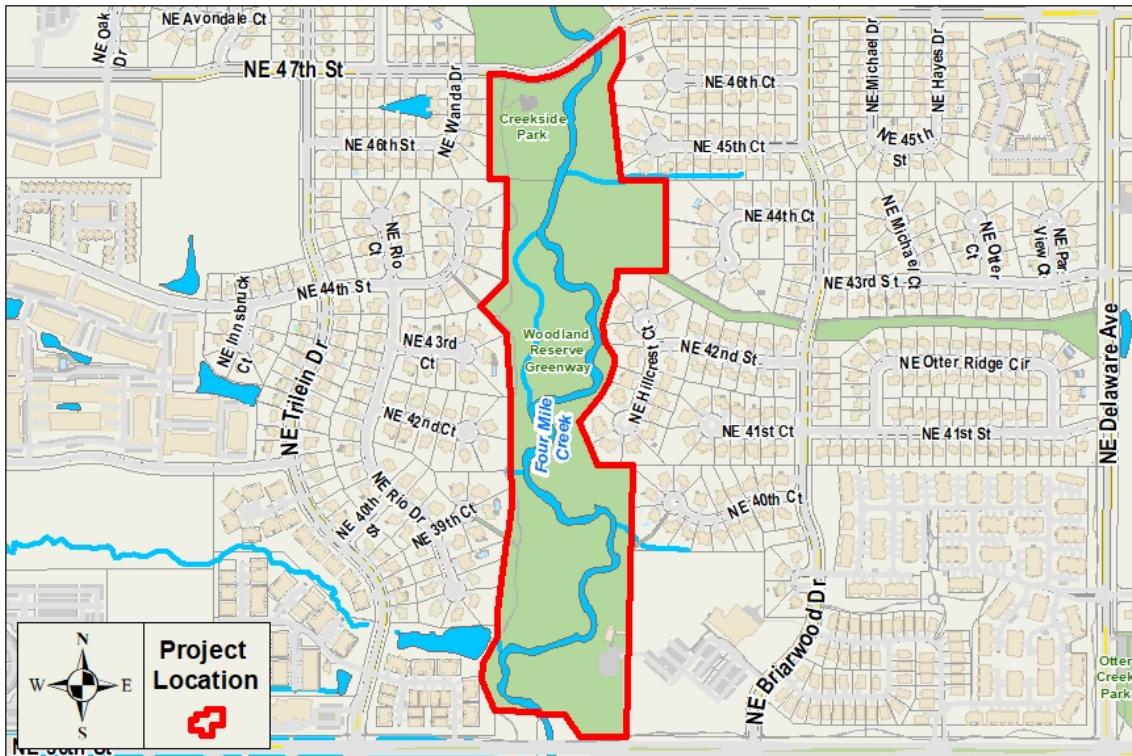
## City of Ankeny, Iowa

## Department Storm Water Utility

## Contact City Engineer

Project # STM-22-004

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



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** STM-22-005

**Project Name** Saylor Creek Tributary Channel Improvements

### Description

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

### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		190,000	210,000			400,000
Engineering-Construction Services				400,000		400,000
Construction Costs				3,000,000		3,000,000
<b>Total</b>	<b>190,000</b>	<b>210,000</b>		<b>3,400,000</b>		<b>3,800,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water Abated		190,000	210,000	3,400,000		3,800,000
<b>Total</b>	<b>190,000</b>	<b>210,000</b>		<b>3,400,000</b>		<b>3,800,000</b>

### Budget Impact/Other

After the channel is improved, the annual maintenance costs for the City will be reduced because the Public Works Department will not have to perform spot repairs within the existing channel to protect infrastructure. The maintenance costs associated with establishing the native vegetation should reduce significantly three (3) years post construction.

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs					15,000	15,000
<b>Total</b>					<b>15,000</b>	<b>15,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-22-005**

Project Name **Saylor Creek Tributary Channel Improvements**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Storm Water

**Project #** STM-23-001

**Project Name** Four Mile Channel Stabilization-Heritage Park

### Description

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

### Justification

The purpose of this project is to stabilize the channel, repair gully erosion, and repair structures which have caused safety and functionality concerns. The project costs are shown for the design and permitting to be completed in 2025, with construction in 2025 and 2026.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Construction Services	55,000	39,000				94,000
Construction Costs	83,000	192,000				275,000
<b>Total</b>	<b>138,000</b>	<b>231,000</b>				<b>369,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds - Storm Water Abated	138,000	231,000				369,000
<b>Total</b>	<b>138,000</b>	<b>231,000</b>				<b>369,000</b>

### Budget Impact/Other

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

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs			10,000	10,000	10,000	30,000
<b>Total</b>			<b>10,000</b>	<b>10,000</b>	<b>10,000</b>	<b>30,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

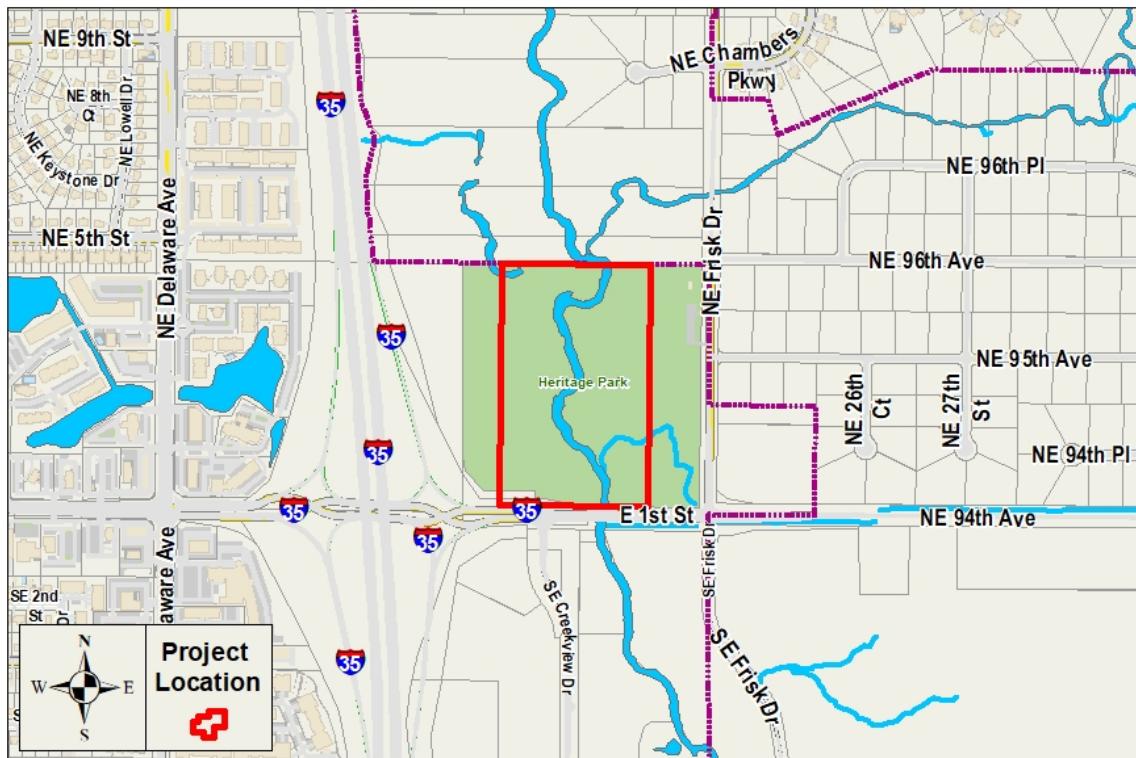
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-23-001**

Project Name **Four Mile Channel Stabilization-Heritage Park**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** STM-24-001

**Project Name** NW 17th St Storm Sewer and Pavement Improvements

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Storm Water

### Description

Replace deteriorated storm sewer intakes and storm sewer pipes on NW 17th Street between the 2400 block of NW 17th Street and the 1300 block of NW Linden Street. Pavement reconstruction with rock subbase and longitudinal subdrains will also be included within the limits of the storm sewer improvements.

The breakdown of the estimated project costs are as follows:

- \$435,000 (approximately 46%) of the total project cost is associated with the stormwater infrastructure improvements.
- \$505,000 (approximately 54%) of the total project cost is associated with the street pavement infrastructure improvements.

### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services		20,000				20,000
Construction Costs		920,000				920,000
<b>Total</b>		<b>940,000</b>				<b>940,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds		505,000				505,000
G.O. Bonds - Storm Water Abated		435,000				435,000
<b>Total</b>		<b>940,000</b>				<b>940,000</b>

### Budget Impact/Other

The storm sewer replacement work will reduce the annual maintenance costs for the City because the Public Works Department will not have to repair existing storm sewer intakes and pipes. Also, the pavement replacement will reduce the annual maintenance costs for the City because the Public Works Department will not have to do less effective preventative maintenance (e.g. cold patching) on the existing pavement.

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			-6,000	-6,000	-6,000	-18,000
<b>Total</b>			<b>-6,000</b>	<b>-6,000</b>	<b>-6,000</b>	<b>-18,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

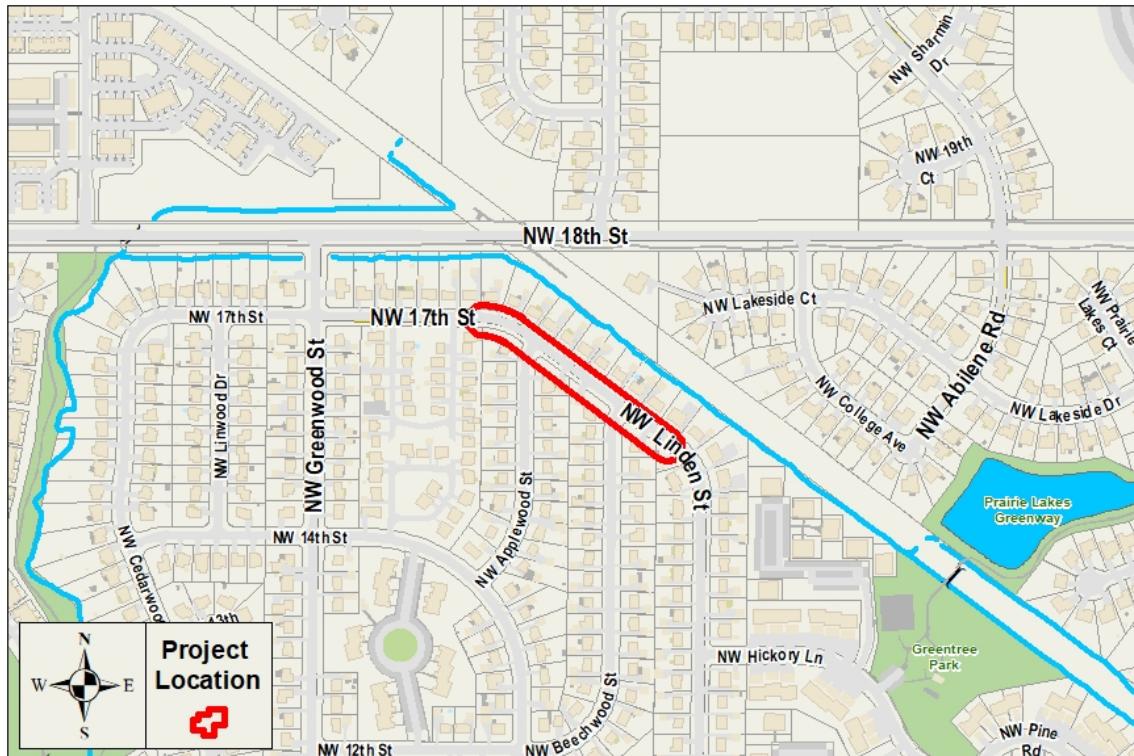
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-24-001**

Project Name **NW 17th St Storm Sewer and Pavement Improvements**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** STM-24-002

**Project Name** SW Des Moines Street Utility Improvements

**Department** Storm Water Utility

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Storm Water

### Description

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

### Justification

The primary purpose of this project is to replace the existing storm sewer infrastructure that was constructed in the 1940's and 1950's and has significantly deteriorated. Adding sump pump collector lines and storm sewer will help reduce drainage issues and minor flooding on public and private properties. Replacing the existing sanitary sewer at a lower depth will help reduce maintenance issues with the sanitary sewer. Replacing the existing water main with 8-inch PVC will provide adequate fire flows and help reduce maintenance issues. The existing right-of-way along the project corridor varies from 49 feet to 58 feet. Additional sidewalk easement was acquired to have a uniform right-of-way width. The pavement within the project limits was identified by the Iowa Pavement Management Program (IPMP) 2021 City PCI Ratings as being in "poor" condition. The proposed project schedule includes construction in 2025 (assumed 60% of the overall) and 2026 (assumed 40% of the overall). The construction cost estimate includes approximately \$385,000 for storm sewer improvements, \$475,000 for sanitary sewer improvements, and \$470,000 for water main improvements. The estimated cost to replace the street, sidewalks, and driveways is approximately 35% of the total estimated construction cost. The funding breakdown proposed for this project is 33.33% stormwater, 33.34% sanitary sewer, and 33.33% water funds.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	135,000	90,000				225,000
Construction Costs	1,250,000	850,000				2,100,000
<b>Total</b>	<b>1,385,000</b>	<b>940,000</b>				<b>2,325,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - Storm Water Abated	461,667	313,333				775,000
Sewer Fund	461,667	313,334				775,001
Water Fund	461,666					461,666
Water Revenue Bonds		313,333				313,333
<b>Total</b>	<b>1,385,000</b>	<b>940,000</b>				<b>2,325,000</b>

### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Maintenance Costs			-9,000	-9,000	-9,000	-27,000
<b>Total</b>			<b>-9,000</b>	<b>-9,000</b>	<b>-9,000</b>	<b>-27,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

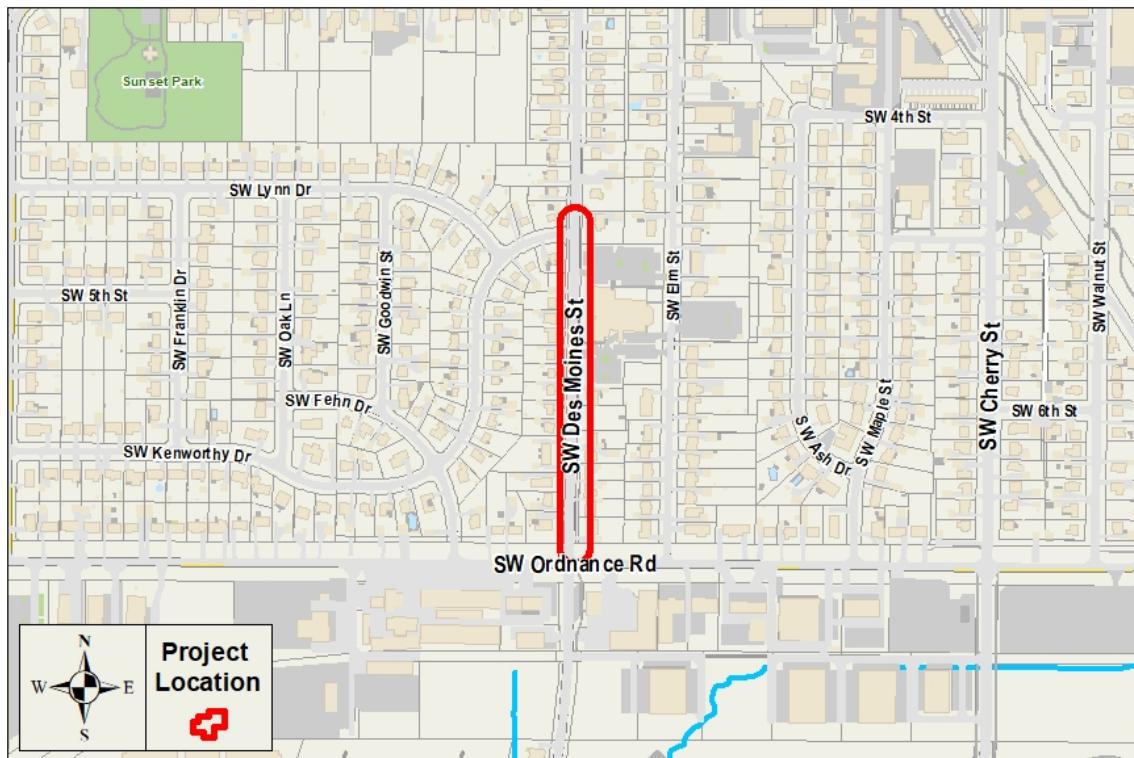
## City of Ankeny, Iowa

Department Storm Water Utility

Contact City Engineer

Project # **STM-24-002**

Project Name **SW Des Moines Street Utility Improvements**



# 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 or one-fourth 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
<b>Total</b>	<b>1,700,000</b>	<b>2,550,000</b>	<b>2,225,000</b>	<b>2,425,000</b>	<b>2,500,000</b>	<b>11,400,000</b>
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
<b>Total</b>	<b>1,700,000</b>	<b>2,550,000</b>	<b>2,225,000</b>	<b>2,425,000</b>	<b>2,500,000</b>	<b>11,400,000</b>

### 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
<b>Total</b>	<b>-72,000</b>	<b>-84,000</b>	<b>-96,000</b>	<b>-120,000</b>	<b>-144,000</b>	<b>-516,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **STR-00-001**

Project Name **Annual PCC Street Patching Program**



# 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 Irvineland Drive – HMA Overlay (\$400,00 construction)
- Public Alleyways between SW Cherry Street and SW Walnut Street, from West 1st Street to SW 3rd Street, 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 NE 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
<b>Total</b>	<b>450,000</b>	<b>475,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>2,425,000</b>

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

### 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
<b>Total</b>	<b>-14,000</b>	<b>-16,000</b>	<b>-18,000</b>	<b>-20,000</b>	<b>-22,000</b>	<b>-90,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **STR-00-002**

Project Name **Annual Asphalt Street Resurfacing Program**



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# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Maintenance
<b>Useful Life</b>	20 years
<b>Category</b>	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
<b>Total</b>	<b>600,000</b>	<b>800,000</b>	<b>850,000</b>	<b>900,000</b>	<b>950,000</b>	<b>4,100,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	600,000	800,000	850,000	900,000	950,000	4,100,000
<b>Total</b>	<b>600,000</b>	<b>800,000</b>	<b>850,000</b>	<b>900,000</b>	<b>950,000</b>	<b>4,100,000</b>

### 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
<b>Total</b>	<b>-15,000</b>	<b>-20,000</b>	<b>-25,000</b>	<b>-30,000</b>	<b>-35,000</b>	<b>-125,000</b>

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**



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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 – East 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
<b>Total</b>	<b>2,300,000</b>	<b>1,800,000</b>	<b>1,600,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,700,000</b>
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
<b>Total</b>	<b>2,300,000</b>	<b>1,800,000</b>	<b>1,600,000</b>	<b>2,000,000</b>	<b>2,000,000</b>	<b>9,700,000</b>

### 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
<b>Total</b>	<b>-30,000</b>	<b>-35,000</b>	<b>-40,000</b>	<b>-45,000</b>	<b>-50,000</b>	<b>-200,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **STR-00-004**

Project Name **Annual Street Replacement Program**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** STR-16-003

**Project Name** SW Oralabor Rd and SW Irvineland Dr Intersection

**Department** Public Works

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Streets and Alleys

### Description

Reconstruction of the SW Oralabor Road (IA Highway 415) and SW Irvineland 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 and 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) and SW Glenbrooke Boulevard and the intersection of SW Oralabor Road (IA Highway 415) and SW College Avenue.

### Justification

The purpose of this project is to improve traffic safety, operations, and mobility at the SW Oralabor Road and SW Irvineland 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.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>250,000</b>	<b>500,000</b>	<b>4,725,000</b>			<b>5,475,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>250,000</b>	<b>500,000</b>	<b>4,725,000</b>			<b>5,475,000</b>

### Budget Impact/Other

In the long-term, the City's maintenance costs should not increase because no additional traffic lanes on SW Irvineland 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).

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

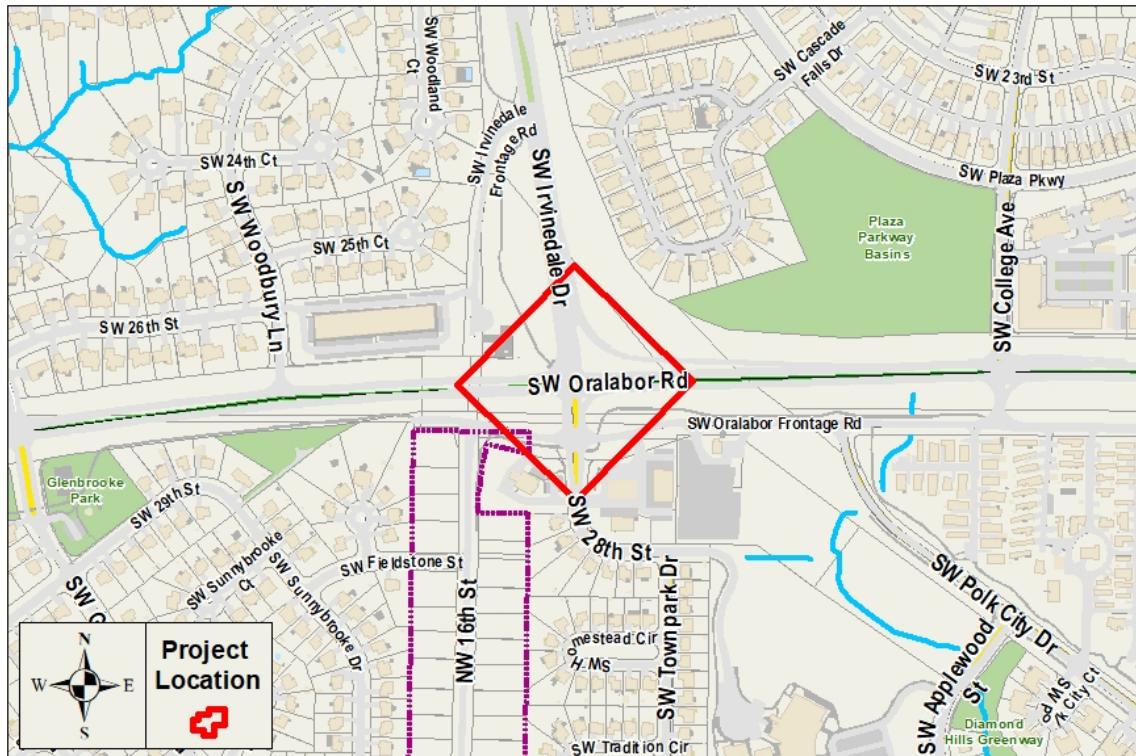
## City of Ankeny, Iowa

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

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Improvement
<b>Useful Life</b>	40 years
<b>Category</b>	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.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>200,000</b>	<b>700,000</b>		<b>7,325,000</b>	<b>125,000</b>	<b>8,350,000</b>

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

### 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.

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

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

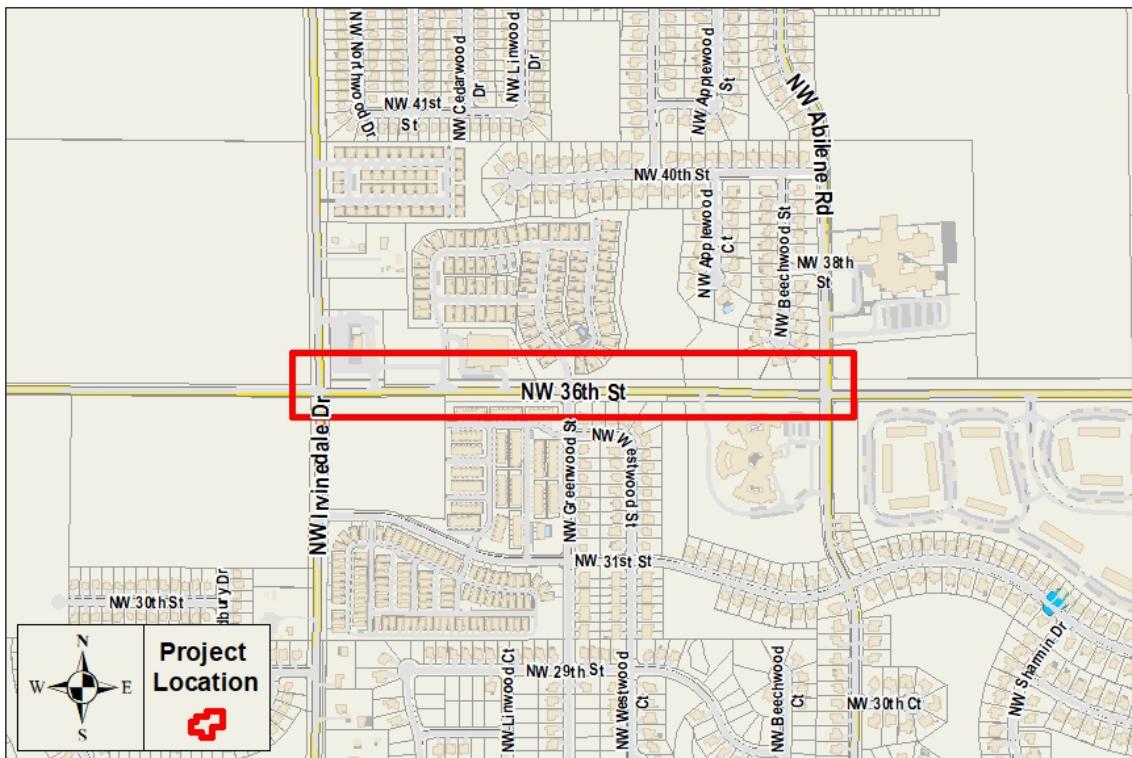
## City of Ankeny, Iowa

## Department Public Works

## Contact City Engineer

Project # STR-18-003

## Project Name: NW 36th St Reconstruction-Irvinedale to Abilene



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**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 Highway 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
<b>Total</b>		<b>250,000</b>		<b>800,000</b>	<b>3,287,500</b>	<b>4,337,500</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds			250,000	800,000	3,287,500	4,337,500
<b>Total</b>		<b>250,000</b>		<b>800,000</b>	<b>3,287,500</b>	<b>4,337,500</b>

### 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.

# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

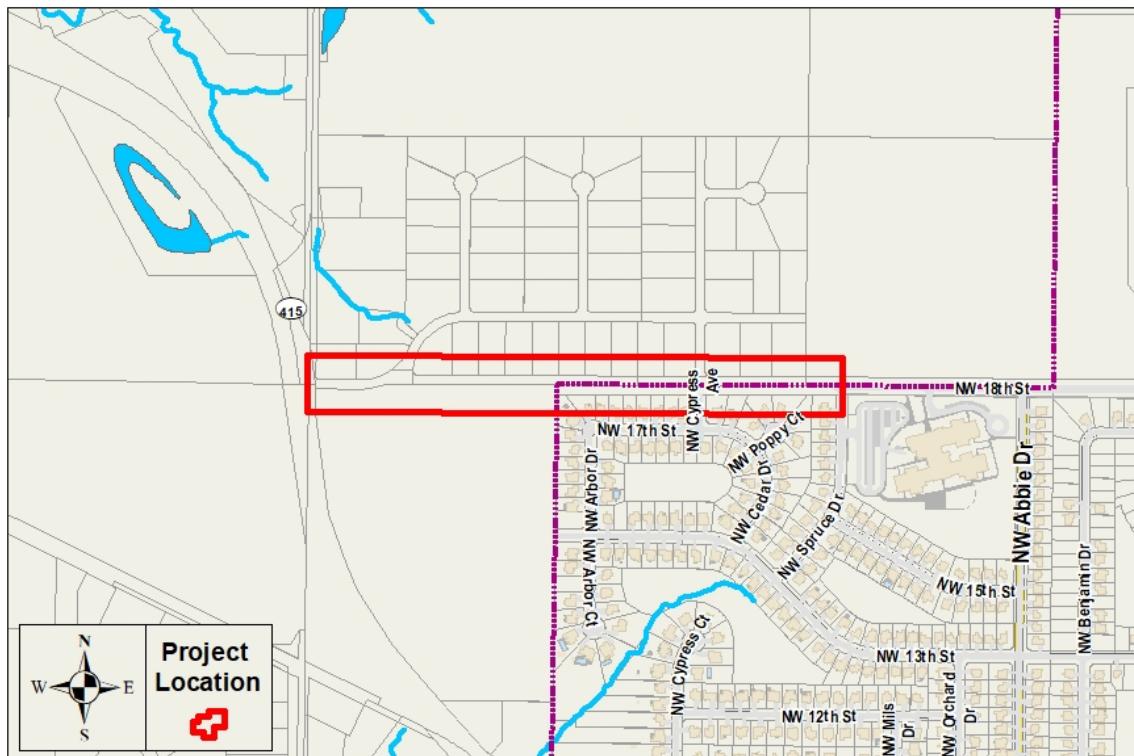
2025 *thru* 2029

## 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

## City of Ankeny, Iowa

2025 *thru* 2029

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

**Project #** STR-21-004

**Project Name** NW Irvindale Dr and NW 18th St Intersection

### Description

Reconstruction of the NW Irvindale 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 Irvindale 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 Irvindale Drive with steep side slopes that are considered potential safety issues should a driver errantly leave the road.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>4,650,000</b>					<b>4,650,000</b>

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

### 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.

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs		500	500	500	500	2,000
Utilities		1,000	1,000	1,000	1,000	4,000
<b>Total</b>		<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>6,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

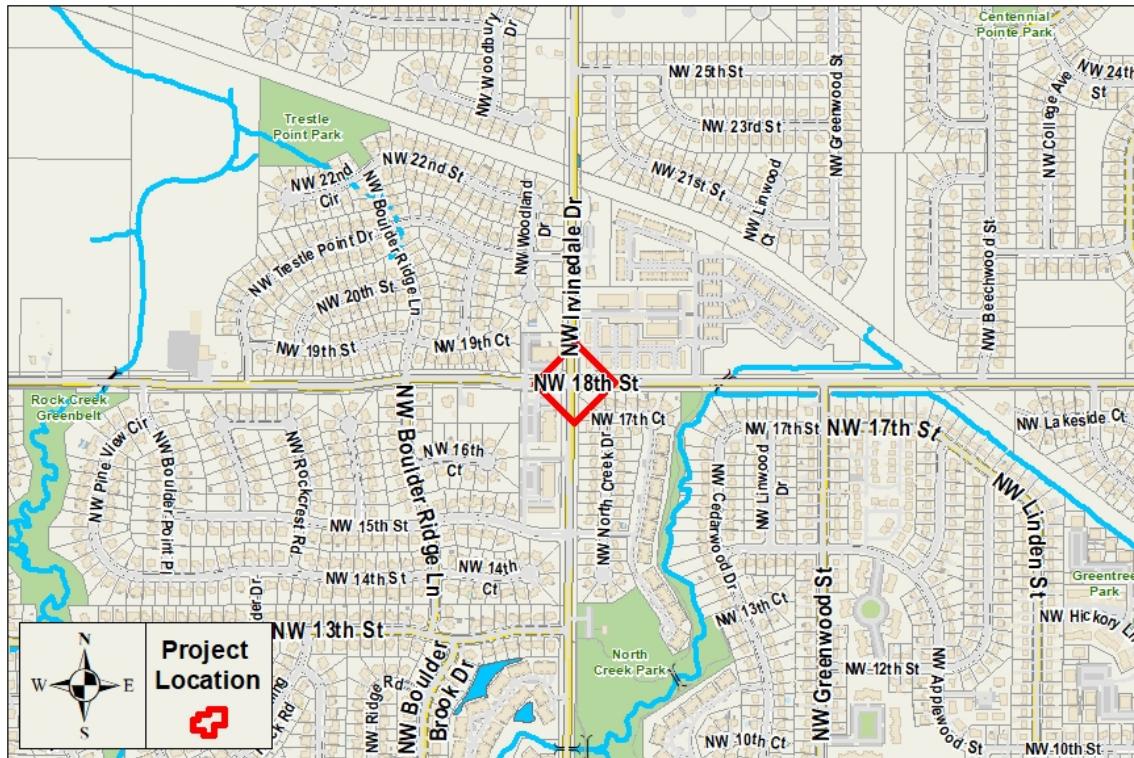
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **STR-21-004**

Project Name **NW Irvinendale 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 Improvements

### Description

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

### Justification

The South Ankeny Boulevard and SE Oralabor Road intersection was listed in the Iowa Department of Transportation's (DOT) Top 200 Safety Improvement Location Candidates in recent consecutive years. The City's safety study in 2020 found that the traffic demand on the intersection exceeds its capacity during peak periods and identified a pattern of correctable congestion-related crashes. The project will address the safety issues by providing additional capacity. These roads are joint jurisdictional with the Iowa DOT as U.S. Highway 69 and IA Highway 160, and Iowa DOT concurs with the study findings. Additional study proposed in 2025 will evaluate non-traditional intersection configurations. Funding applications to the 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-ft. wide PCC trail that runs along the south side of Oralabor Road and is popular with recreational users and commuters. The intersection carries high traffic volumes at high speeds, and the current at-grade trail crossing is wide, difficult to maneuver and has a higher probability of conflicts between vehicles and pedestrians. A grade-separated crossing at this location would improve safety for trail users and improve traffic flow for drivers. The grade-separated crossing has received \$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
<b>Total</b>	<b>150,000</b>	<b>275,000</b>	<b>400,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>8,925,000</b>

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
<b>Total</b>	<b>150,000</b>	<b>275,000</b>	<b>400,000</b>	<b>4,050,000</b>	<b>4,050,000</b>	<b>8,925,000</b>

### 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

2025 *thru* 2029

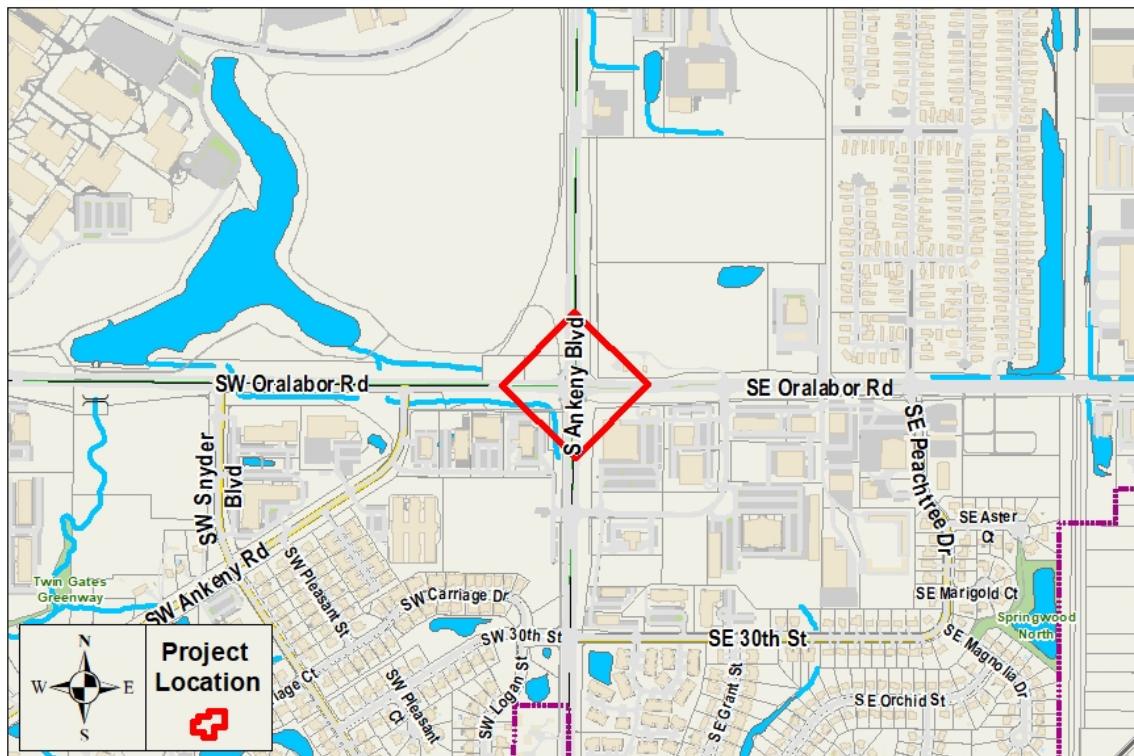
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **STR-21-005**

Project Name **South Ankeny Blvd and SE Oralabor Rd Improvements**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

Project # **STR-22-003**

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

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

### Description

Reconstruction of West 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 West 1st Street and NW/SW Linden Street intersection; and the addition of approximately 25 streetlights. Unlike the West 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. West 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
<b>Total</b>	<b>775,000</b>	<b>4,615,000</b>	<b>5,335,000</b>			<b>10,725,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
Capital Project Fund	775,000	269,000				1,044,000
FWHA/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
<b>Total</b>	<b>775,000</b>	<b>4,615,000</b>	<b>5,335,000</b>			<b>10,725,000</b>

### 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	3,250	8,000
<b>Total</b>			1,500	4,250	4,250	<b>10,000</b>

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

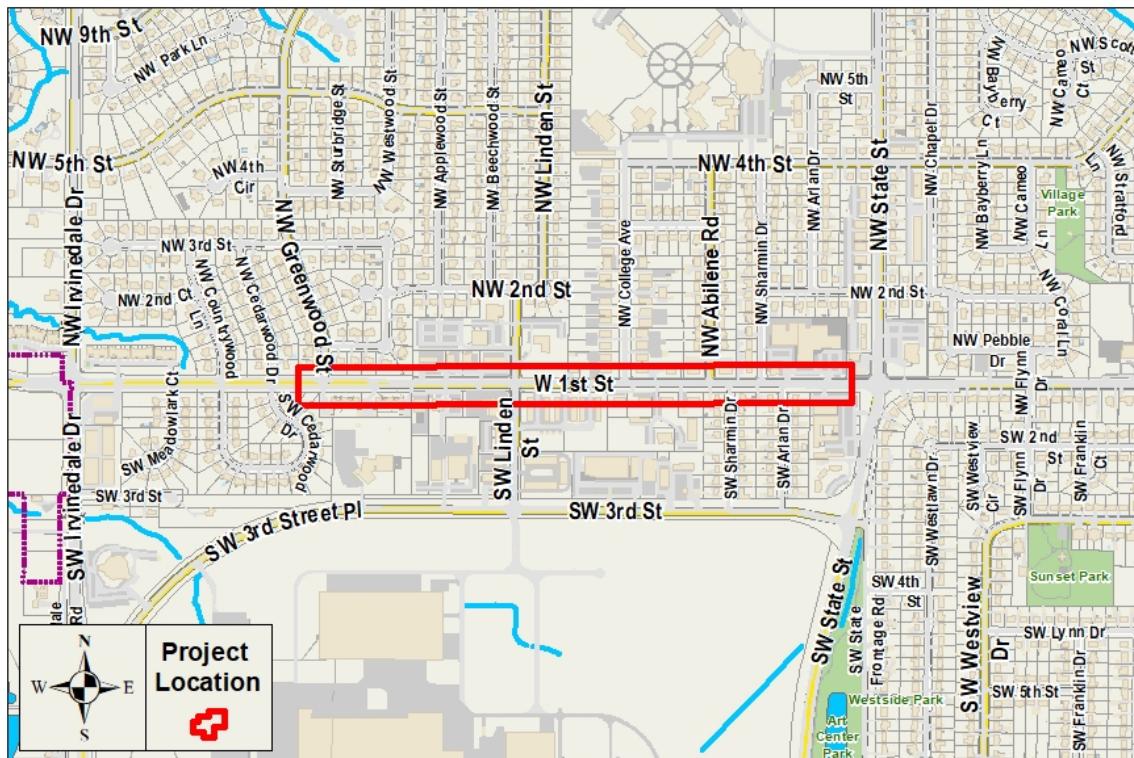
## City of Ankeny, Iowa

## 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

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Improvement
<b>Useful Life</b>	40 years
<b>Category</b>	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.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design	200,000	340,000				540,000
Engineering-Construction Services			375,000	25,000		400,000
Construction Costs				4,600,000		4,675,000
Street Lighting				125,000		125,000
Land/ROW Acquisition		10,000				10,000
<b>Total</b>	<b>200,000</b>	<b>350,000</b>	<b>5,100,000</b>	<b>100,000</b>		<b>5,750,000</b>
<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds	200,000	350,000	5,100,000	100,000		5,750,000
<b>Total</b>	<b>200,000</b>	<b>350,000</b>	<b>5,100,000</b>	<b>100,000</b>		<b>5,750,000</b>

### 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.

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Maintenance Costs				-9,000	-9,000	-18,000
Utilities				2,000	2,000	4,000
<b>Total</b>				<b>-7,000</b>	<b>-7,000</b>	<b>-14,000</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

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 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
<b>Total</b>	<b>2,303,000</b>	<b>1,558,955</b>				<b>3,861,955</b>

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
<b>Total</b>	<b>2,303,000</b>	<b>1,558,955</b>				<b>3,861,955</b>

### 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	750	2,250
Utilities		1,000	1,000	1,000	1,000	3,000
<b>Total</b>			<b>1,750</b>	<b>1,750</b>	<b>1,750</b>	<b>5,250</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

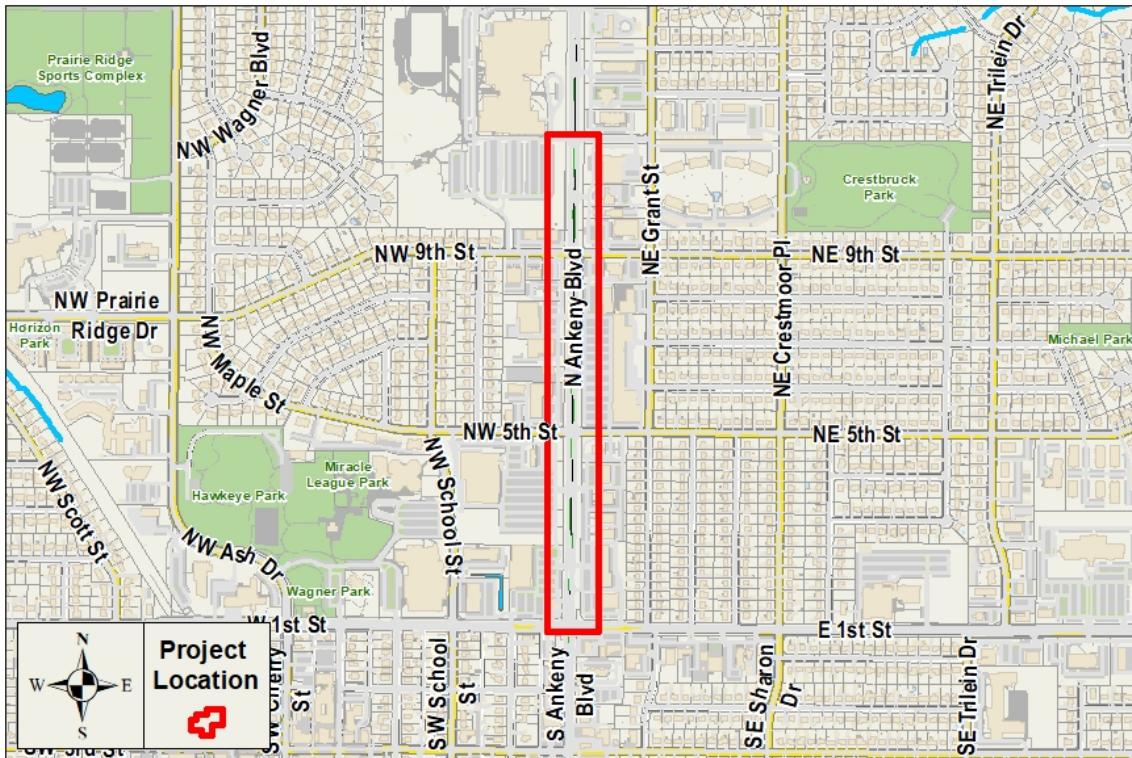
## City of Ankeny, Iowa

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

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Improvement
<b>Useful Life</b>	40 years
<b>Category</b>	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.

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

### 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.

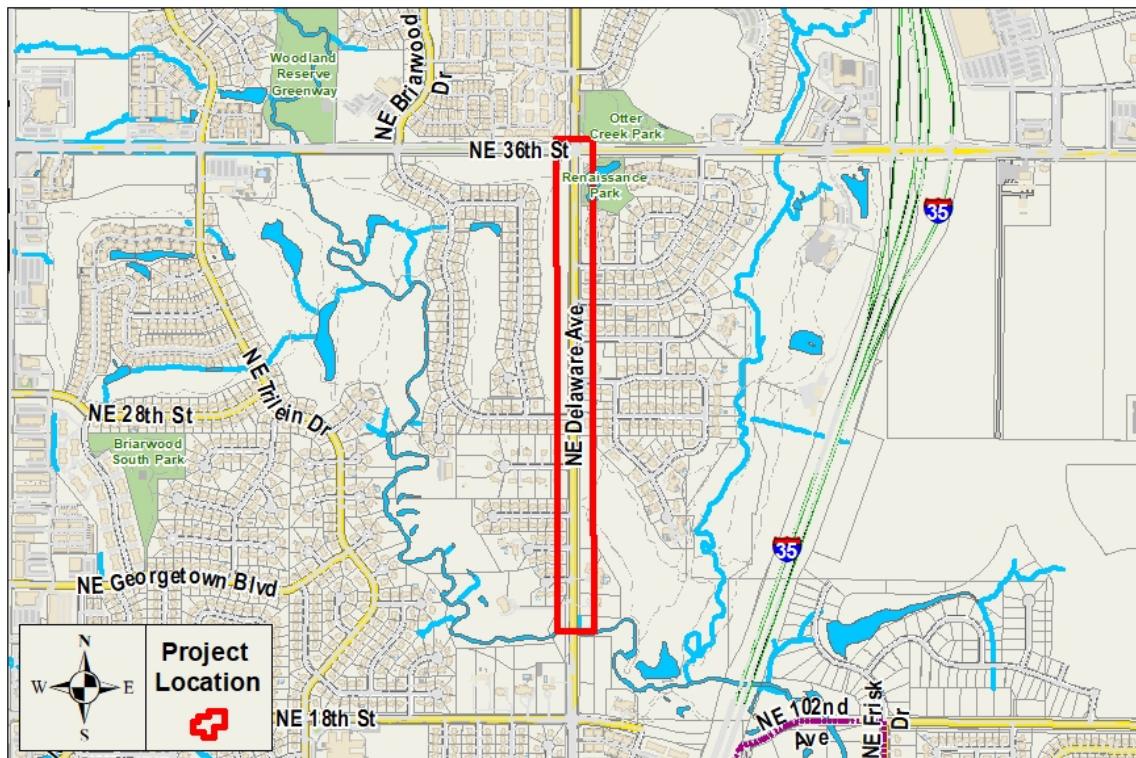
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

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

**Project #** STR-23-005

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

**Department** Public Works

**Contact** City Engineer

**Type** Improvement

**Useful Life** 40 years

**Category** Streets and Alleys

### Description

This is a joint project with the Iowa Department of Transportation (DOT) to reconstruct South 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 South Ankeny Boulevard from SW Ordnance 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 South Ankeny Boulevard. It is anticipated that there will be a future improvement project on South Ankeny Boulevard from SW Ordnance Road to SE Peterson Drive.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>175,000</b>	<b>2,500,000</b>	<b>1,725,000</b>	<b>375,000</b>		<b>4,775,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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
<b>Total</b>	<b>175,000</b>	<b>2,500,000</b>	<b>1,725,000</b>	<b>375,000</b>		<b>4,775,000</b>

### 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.

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

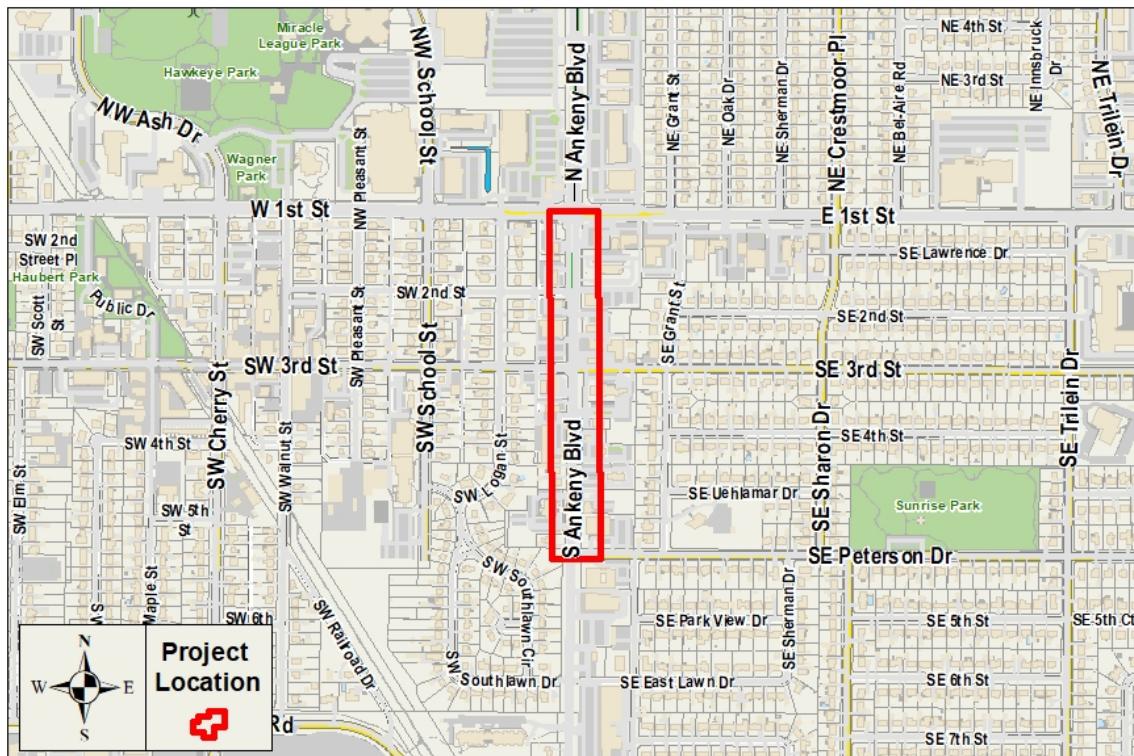
## City of Ankeny, Iowa

## 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 and 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
<b>Total</b>	<b>400,000</b>	<b>3,420,000</b>				<b>3,820,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	400,000	3,420,000				3,820,000
<b>Total</b>	<b>400,000</b>	<b>3,420,000</b>				<b>3,820,000</b>

### 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
<b>Total</b>			<b>1,800</b>	<b>1,800</b>	<b>1,800</b>	<b>5,400</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

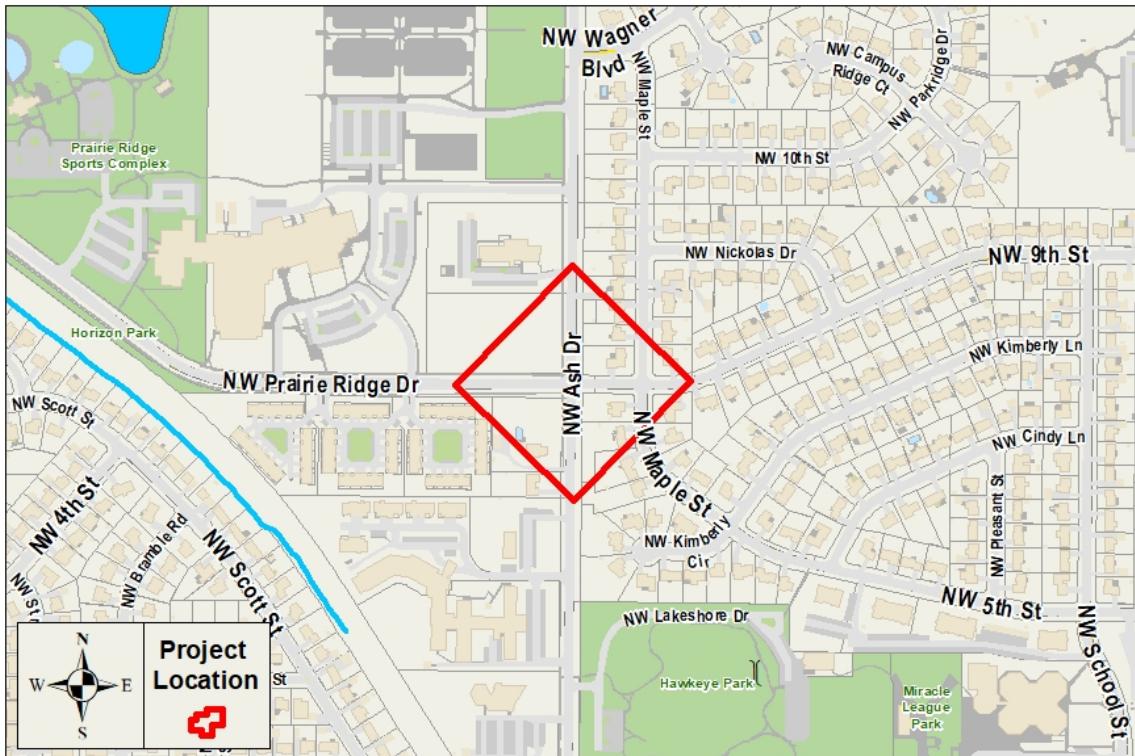
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **STR-24-001**

Project Name **NW Prairie Ridge Dr/9th St and 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
<b>Total</b>	<b>1,870,000</b>					<b>1,870,000</b>

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

### 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
<b>Total</b>		<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>3,500</b>	<b>14,000</b>

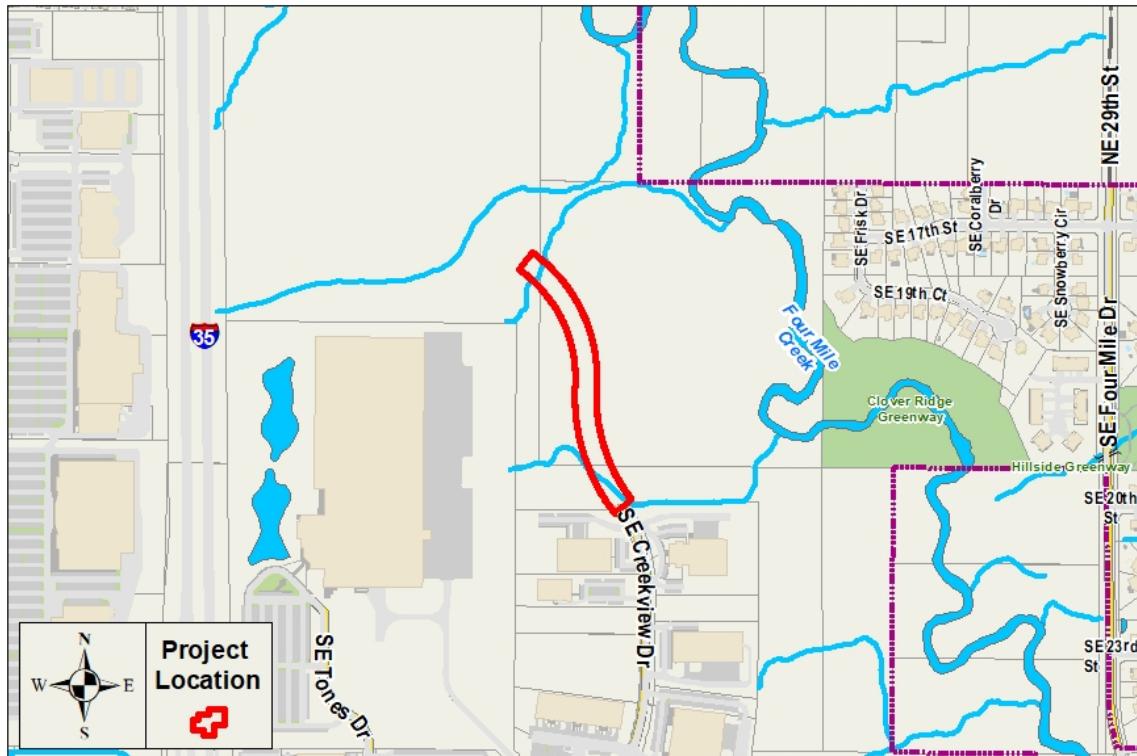
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

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 and 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
<b>Total</b>	<b>450,000</b>	<b>4,100,000</b>				<b>4,550,000</b>

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

### 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 street 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
<b>Total</b>	<b></b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>1,000</b>

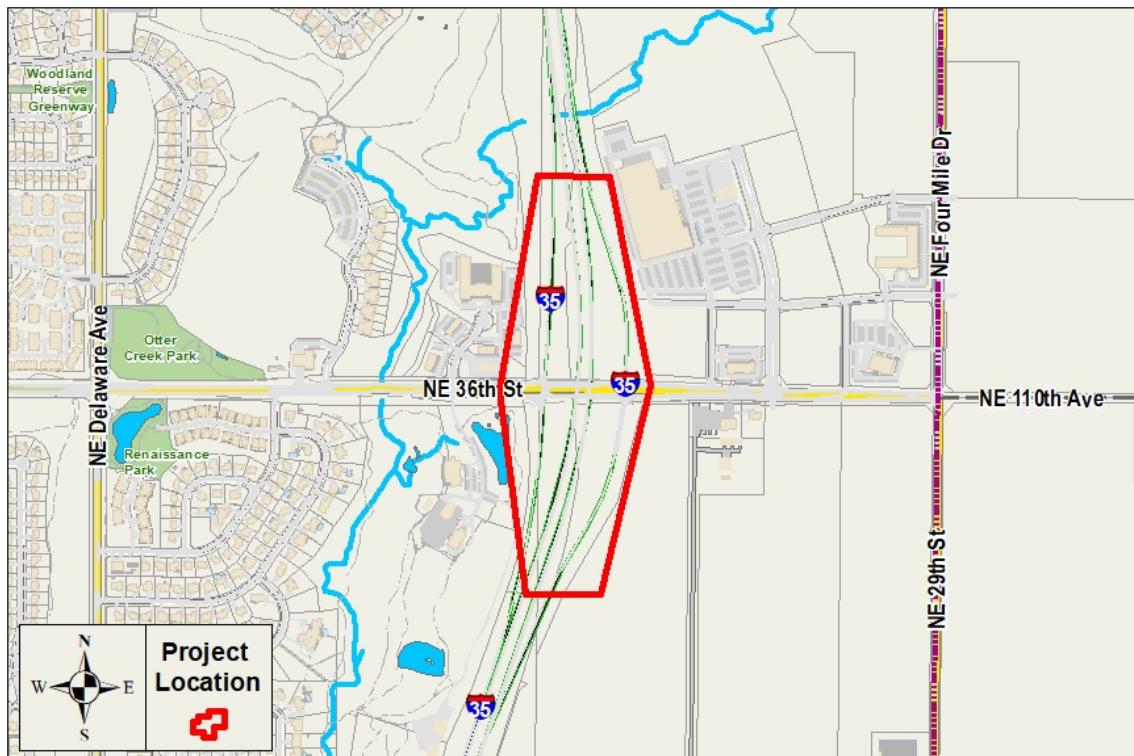
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **STR-25-001**

Project Name **I-35 and 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 Avenue 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 and 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
<b>Total</b>			<b>100,000</b>	<b>300,000</b>	<b>425,000</b>	<b>825,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds			100,000	300,000	425,000	825,000
<b>Total</b>			<b>100,000</b>	<b>300,000</b>	<b>425,000</b>	<b>825,000</b>

### 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

2025 *thru* 2029

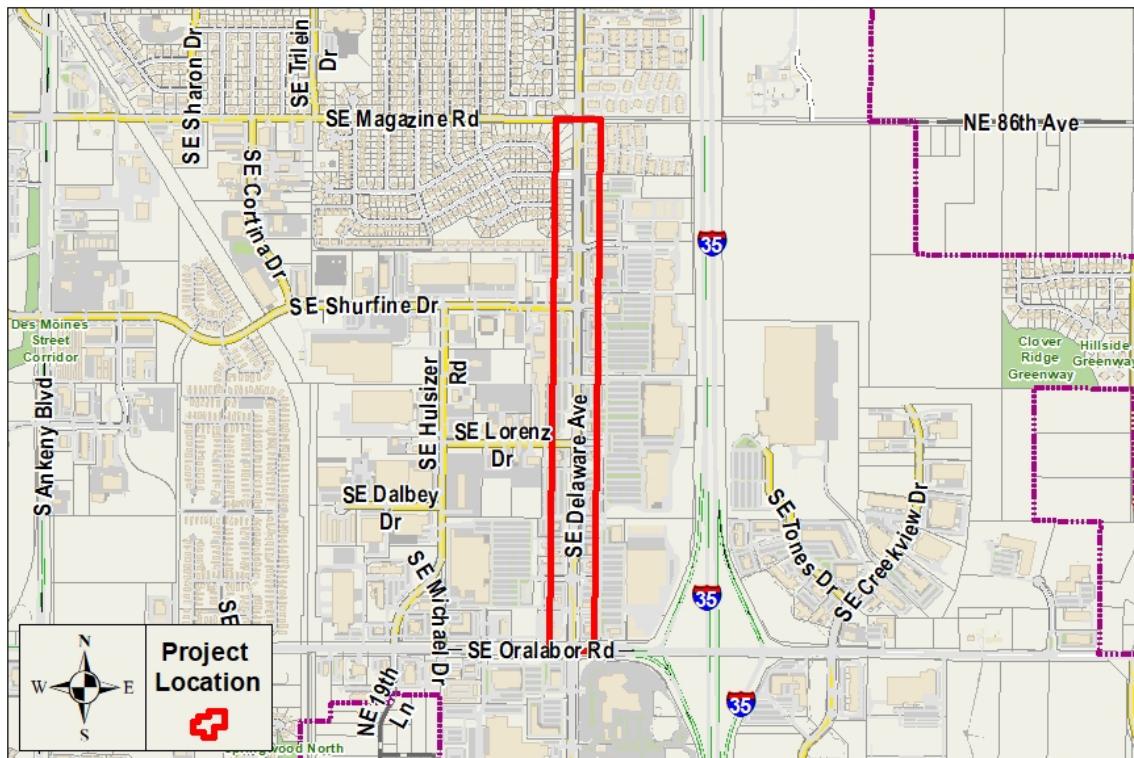
City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **STR-25-002**

Project Name **SE Delaware Avenue Capacity Improvements**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	Improvement
<b>Useful Life</b>	40 years
<b>Category</b>	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 West 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.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design				350,000	350,000	700,000
Land/ROW Acquisition					150,000	150,000
<b>Total</b>				<b>350,000</b>	<b>500,000</b>	<b>850,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
G.O. Bonds				350,000	500,000	850,000
<b>Total</b>				<b>350,000</b>	<b>500,000</b>	<b>850,000</b>

### 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.

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

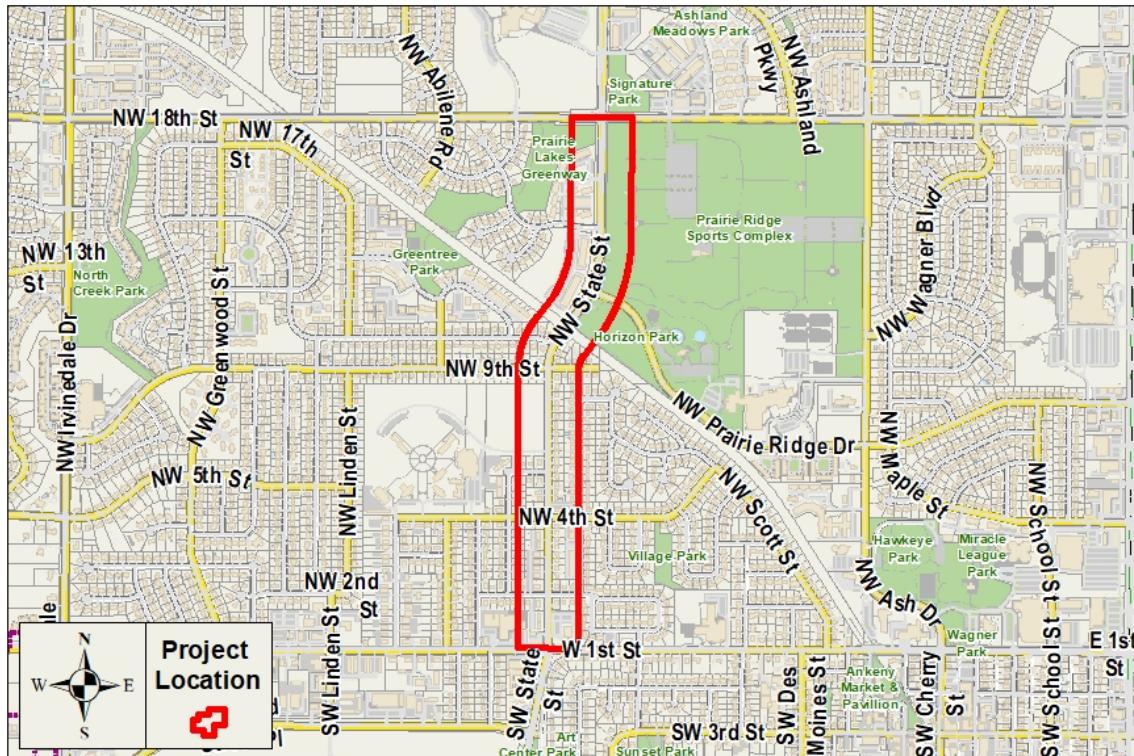
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

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
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>
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
<b>Total</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>7,500,000</b>

### 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.

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **STR-25-004**

Project Name **Local Public Streets Enhanced Design Standards**



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** TRF-00-001

**Project Name** Annual Traffic Signal Improvement Program

**Department** Public Works

**Contact** City Engineer

**Type** New Construction

**Useful Life** 20 years

**Category** Traffic Control

### Description

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

2025 – SW State Street and NW 72nd Place: westbound right-turn lane and traffic signal upgrade - \$320,000  
 2025 – Trail Crossing Upgrades: High Trestle Trail at NW Weigel Drive and Gay Lea Wilson Trail at SE 54th Street - \$50,000  
 2025 – SE Oralabor Road and SE Delaware Avenue and I-35 Ramps Traffic Signal Equipment Upgrades - \$325,000  
 2025 – South Ankeny Boulevard and SE Oralabor Road: Detection Replacement and New Monitoring Camera - \$50,000  
 2025-2026 – SE Oralabor Road and 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 – East 1st Street and 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 TBD - \$190,000 in 2026-2029; \$560,000 in 2027-2029  
 2027 – Traffic Signal Replacement: South Ankeny Boulevard and SE 8th Street - \$335,000  
 2028 – Traffic Signal Replacement: South Ankeny Boulevard and SE Lorenz Drive - \$335,000  
 2027-2028 – Traffic Signal Equipment Upgrades - \$115,000 per year  
 2027-2029 – Fiber Optic Network Expansions and 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
<b>Total</b>	<b>1,150,000</b>	<b>1,140,000</b>	<b>1,690,000</b>	<b>1,690,000</b>	<b>1,690,000</b>	<b>7,360,000</b>

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
<b>Total</b>	<b>1,150,000</b>	<b>1,140,000</b>	<b>1,690,000</b>	<b>1,690,000</b>	<b>1,690,000</b>	<b>7,360,000</b>

### 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
<b>Total</b>	<b>6,200</b>	<b>6,900</b>	<b>7,600</b>	<b>8,300</b>	<b>9,000</b>	<b>38,000</b>

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **TRF-00-001**

Project Name **Annual Traffic Signal Improvement Program**



# 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-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 No. 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
<b>Total</b>	<b>890,000</b>	<b>700,000</b>				<b>1,590,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds	890,000	700,000				1,590,000
<b>Total</b>	<b>890,000</b>	<b>700,000</b>				<b>1,590,000</b>

### Budget Impact/Other

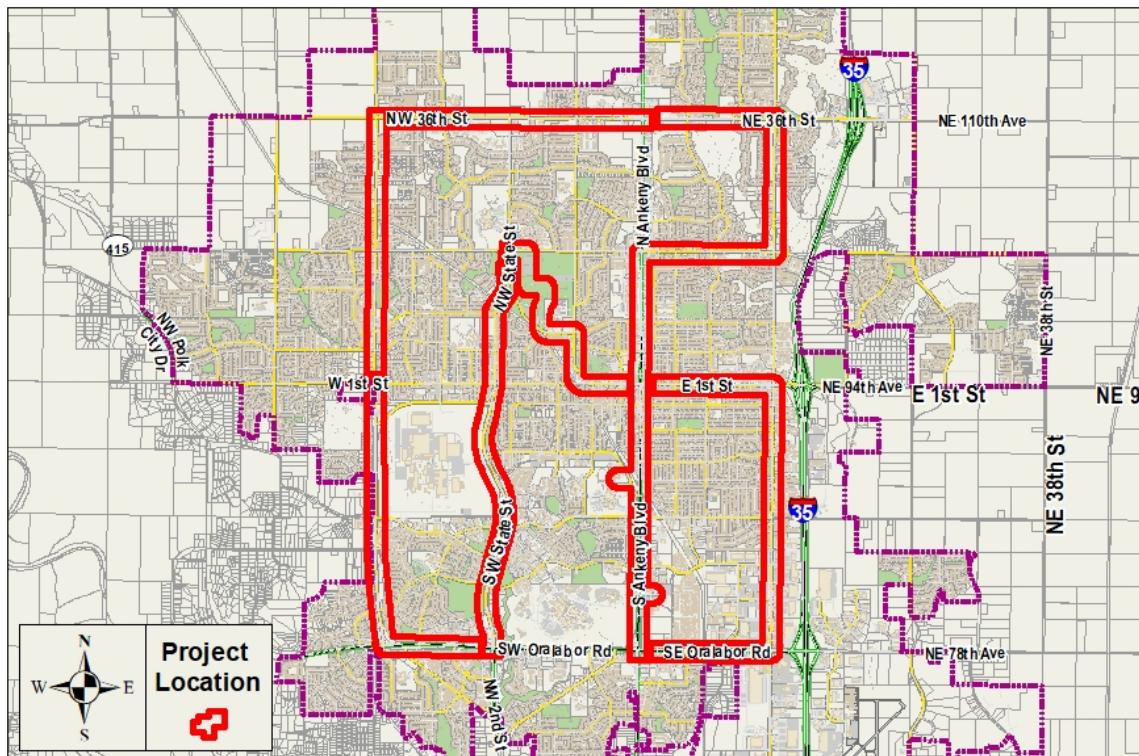
The project upgrades the City's existing fiber optic system to provide more reliable service and reduce outages, so a minimal impact to operating costs is expected.

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** 20 years

**Category** Traffic Control

**Project #** TRF-25-001

**Project Name** Uptown Lighting Fixture 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
<b>Total</b>	<b>115,000</b>					<b>115,000</b>

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

### 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
<b>Total</b>		<b>-2,300</b>	<b>-2,300</b>	<b>-2,300</b>	<b>-2,300</b>	<b>-9,200</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

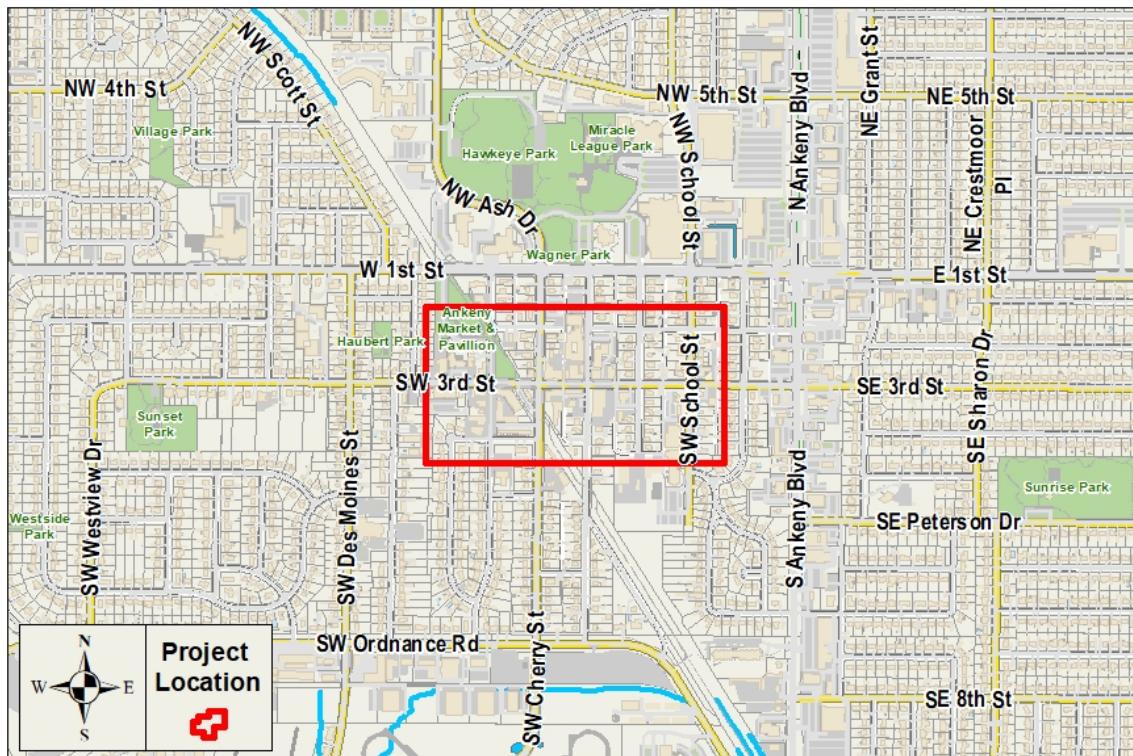
## City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Project # **TRF-25-001**

Project Name **Uptown Lighting Fixture Upgrades**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

<b>Department</b>	Public Works
<b>Contact</b>	City Engineer
<b>Type</b>	New Construction
<b>Useful Life</b>	20 years
<b>Category</b>	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 easements will be needed for modification of the median on the north leg of the intersection.

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

### 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.

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Utilities			300	300	300	900
<b>Total</b>			<b>300</b>	<b>300</b>	<b>300</b>	<b>900</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

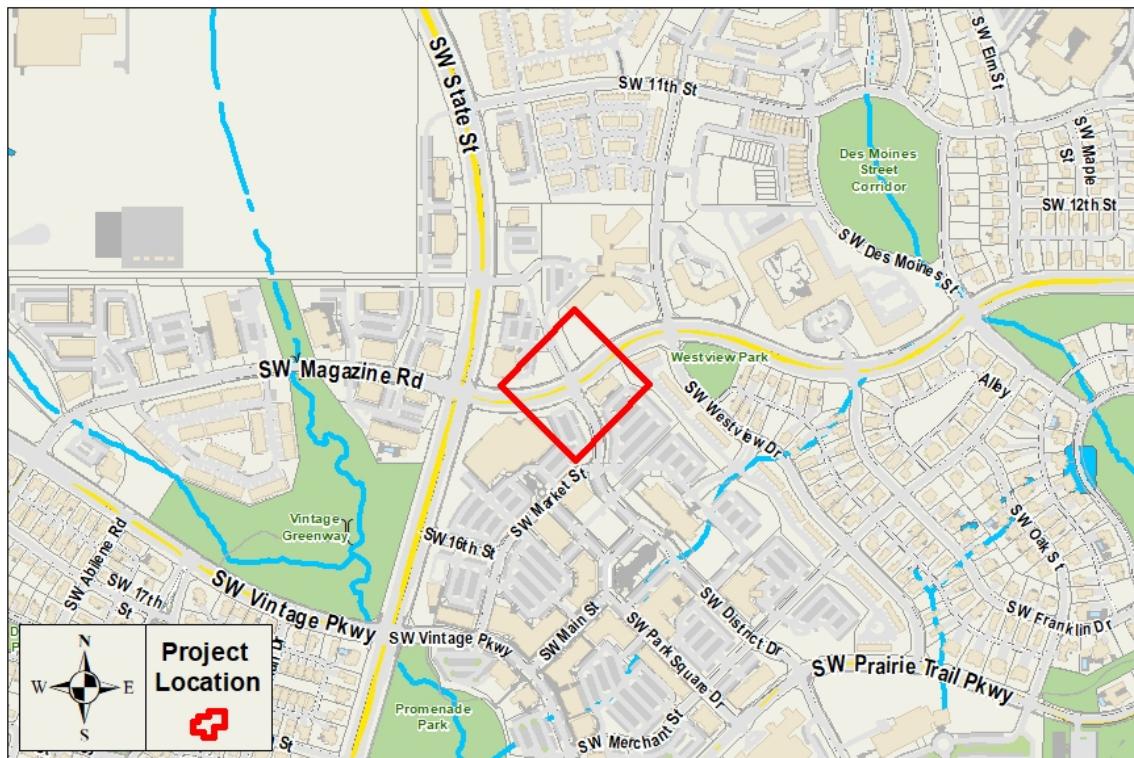
## City of Ankeny, Iowa

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

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Public Works

**Contact** City Engineer

**Type** Improvement

**Useful Life** 20 years

**Category** Traffic Control

**Project #** TRF-25-003

**Project Name** Adaptive Traffic Signal Control Systems

### 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.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Construction Costs				180,000		180,000
Other Costs				320,000		320,000
Survey/Preliminary Analysis		25,000				25,000
<b>Total</b>		<b>25,000</b>		<b>500,000</b>		<b>525,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
FHWA/IDOT Grants				400,000		400,000
G.O. Bonds		25,000		100,000		125,000
<b>Total</b>		<b>25,000</b>		<b>500,000</b>		<b>525,000</b>

### Budget Impact/Other

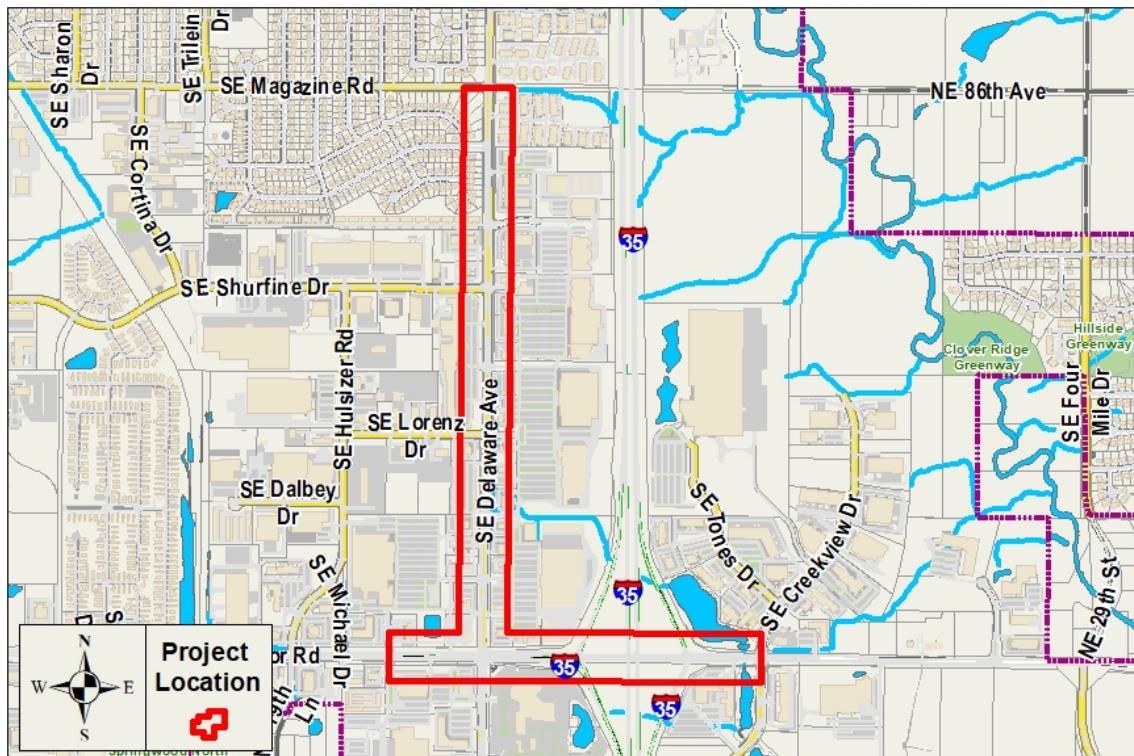
Depending on ATCS selected, annual funding may be needed for cloud-based storage and/or engineering services for adjustments. This will be determined during the project's planning stage.

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 Systems**



# 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 Drive 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
<b>Total</b>					<b>175,000</b>	<b>175,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds					175,000	175,000
<b>Total</b>					<b>175,000</b>	<b>175,000</b>

### Budget Impact/Other

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

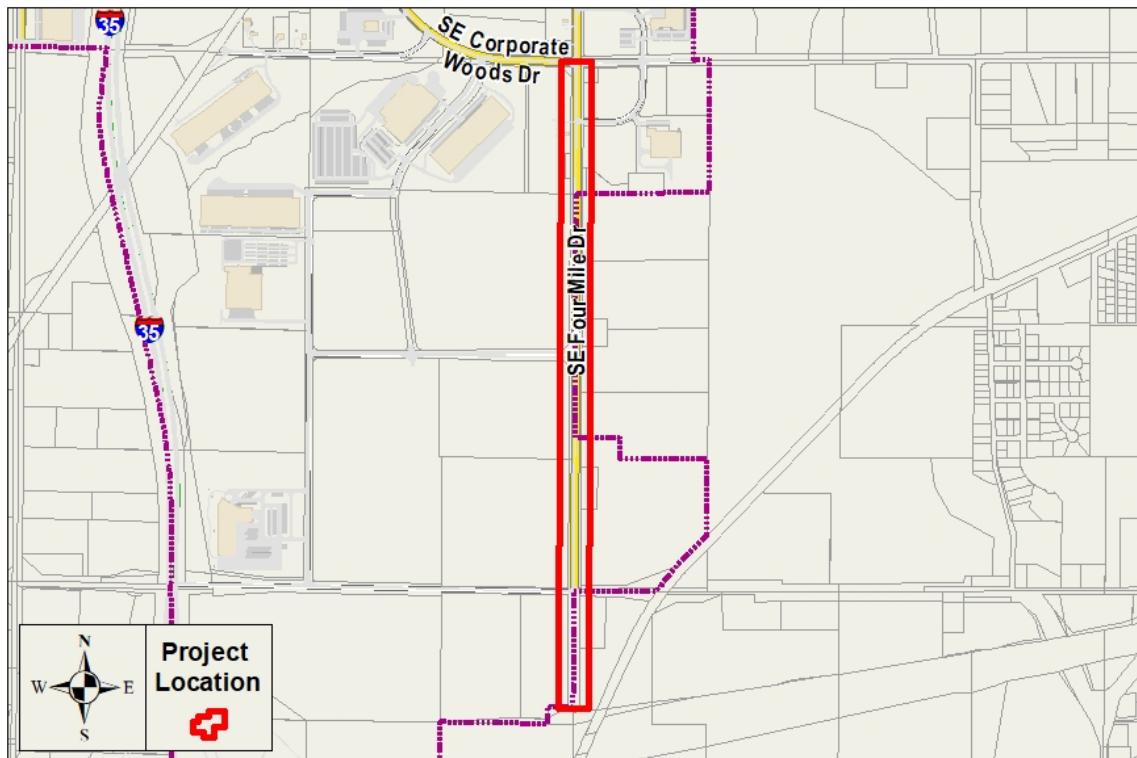
2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

Department Public Works  
Contact City Engineer

Project # **TRF-25-004**

Project Name **SE Four Mile Drive Corridor Traffic Study**



## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** **WTM-00-001**  
**Project Name** **Annual Water Main Replacement Program**

<b>Department</b>	Water Utility
<b>Contact</b>	Municipal Utilities Director
<b>Type</b>	Improvement
<b>Useful Life</b>	40 years
<b>Category</b>	Water Mains

## Description

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

Specific projects for 2025 - 2029 include the following:

- Specific projects for 2025 - 2029 include the following:
  - Development water main oversizing: 2025 - \$125,000 and 2026 - 2029 - \$75,000/year
  - 1/3 NW Northlawn Area Utility Improvements (Phase 4):
    - 2025 - \$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):
    - 2025 - \$150,000 (Phase 1 Design Engineering) and \$75,000 (Acquisitions for all phases)
    - 2026 - \$1,375,000 (Phase 1 Construction) and \$75,000 (Phase 1 Construction Engineering)
    - 2027 - \$1,000,000 (Phase 2 Construction) and \$75,000 (Phase 2 Construction Engineering)
    - 2028 - \$1,150,000 (Phase 3 Construction) and \$75,000 (Phase 3 Construction Engineering)
    - 2029 - \$1,150,000 (Phase 4 Construction) and \$75,000 (Phase 4 Construction Engineering)

## Justification

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

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
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	625,000	1,450,000	1,075,000	1,225,000	1,225,000	5,600,000
Land/ROW Acquisition	75,000					75,000
	875,000	1,625,000	1,275,000	1,400,000	1,400,000	9,575,000

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Capital Project Fund	150,000	725,000	150,000	200,000	125,000	1,350,000
Water Fund	725,000	900,000	1,100,000	1,200,000	1,300,000	5,225,000
<b>Total</b>	<b>875,000</b>	<b>1,625,000</b>	<b>1,250,000</b>	<b>1,400,000</b>	<b>1,425,000</b>	<b>6,575,000</b>

### Budget Impact/Other

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

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility  
**Contact** Municipal Utilities Director

Project # **WTM-00-001**

Project Name **Annual Water Main Replacement Program**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Water Mains

**Project #** WTM-20-002

**Project Name** SW Walnut Street and SW Ordnance Road Water Main

### Description

Install approximately 3,600 LF of 8-inch water main along the west side of SW Walnut Street from SW 3rd Street to the north side of SW Ordnance Road, and along SW Ordnance Road from SW Cherry Street to an existing main adjacent to the police station. The project will provide increased reliability of the distribution system within this area, as the main will be upsized from 4-inch to 8-inch. The project will utilize mostly boring with a small amount of open cut construction methods.

### Justification

The existing 4-inch water main within the area is undersized by current standards. Installation of the larger water main, along with connection to surrounding main(s) provides a reliable looped system and helps to maintain better distribution system pressures and fire flows within the area. This project will be coupled with a parking improvement project within the Uptown area which includes improvements along SW Walnut Street, SW Cherry Street, and SW 2nd Street. The cost for these improvements is estimated at \$375,000.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Construction Services	150,000					150,000
Construction Costs	1,300,000					1,300,000
<b>Total</b>	<b>1,450,000</b>					<b>1,450,000</b>

Funding Sources	2025	2026	2027	2028	2029	Total
G.O. Bonds - TIF Abated	375,000					375,000
Water Revenue Bonds	1,075,000					1,075,000
<b>Total</b>	<b>1,450,000</b>					<b>1,450,000</b>

### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Utilities	255					255
<b>Total</b>	<b>255</b>					<b>255</b>

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

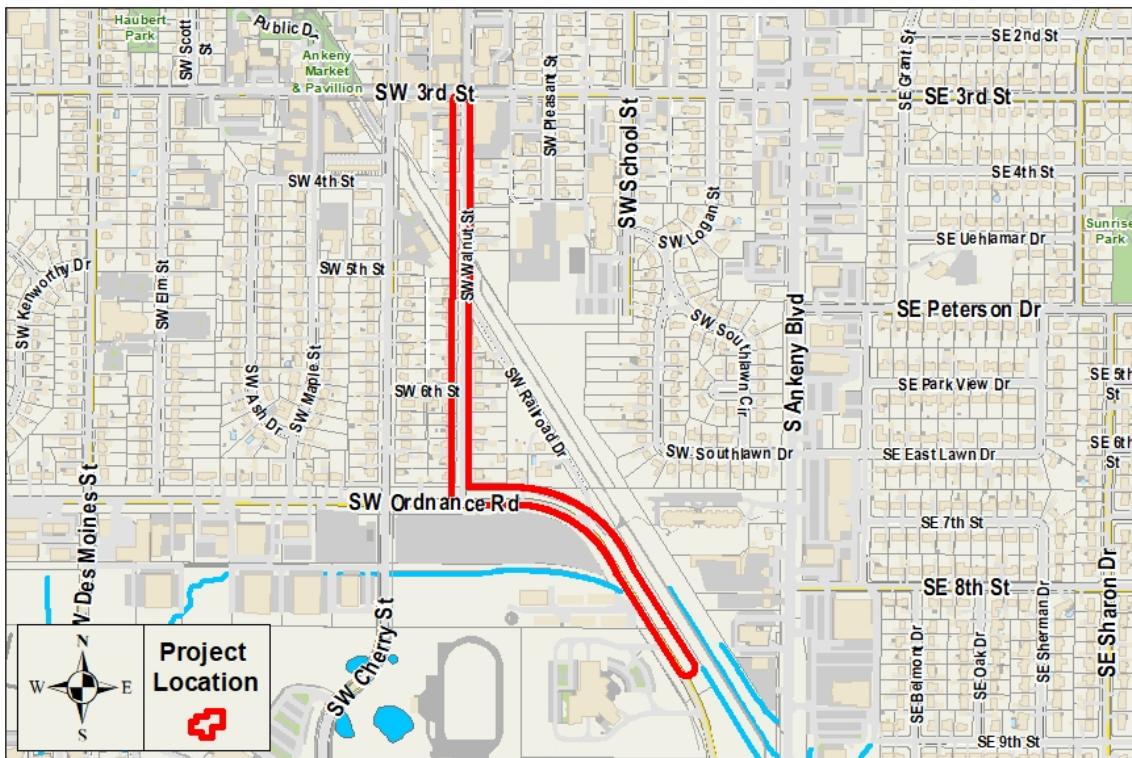
## City of Ankeny, Iowa

## Department Water Utility

**Contact** Municipal Utilities Director

Project # WTM-20-002

## Project Name SW Walnut Street and SW Ordnance Road Water Main



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** Improvement

**Useful Life** 40 years

**Category** Water Mains

**Project #** WTM-24-001

**Project Name** SW Linden and SW Sharmin Water Main Improvements

### Description

Install approximately 1,300 LF of 8-inch water main between SW Linden Street and SW Sharmin Drive, located north of SW 3rd Street. By upsizing from 6-inch to 8-inch diameter pipe, the installation of this water main will provide increased reliability for the distribution system within this area. The project will utilize both open-cut and trenchless construction methods, and will require reconnection of approximately 15 existing services. Construction for this project will be in 2027.

### Justification

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

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design		64,000				64,000
Engineering-Construction Services			53,000			53,000
Construction Costs			533,000			533,000
<b>Total</b>	<b>64,000</b>	<b>586,000</b>				<b>650,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Water Revenue Bonds		64,000	586,000			650,000
<b>Total</b>	<b>64,000</b>	<b>586,000</b>				<b>650,000</b>

### Budget Impact/Other

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

Budget Items	2025	2026	2027	2028	2029	Total
Utilities			100			100
<b>Total</b>			<b>100</b>			<b>100</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

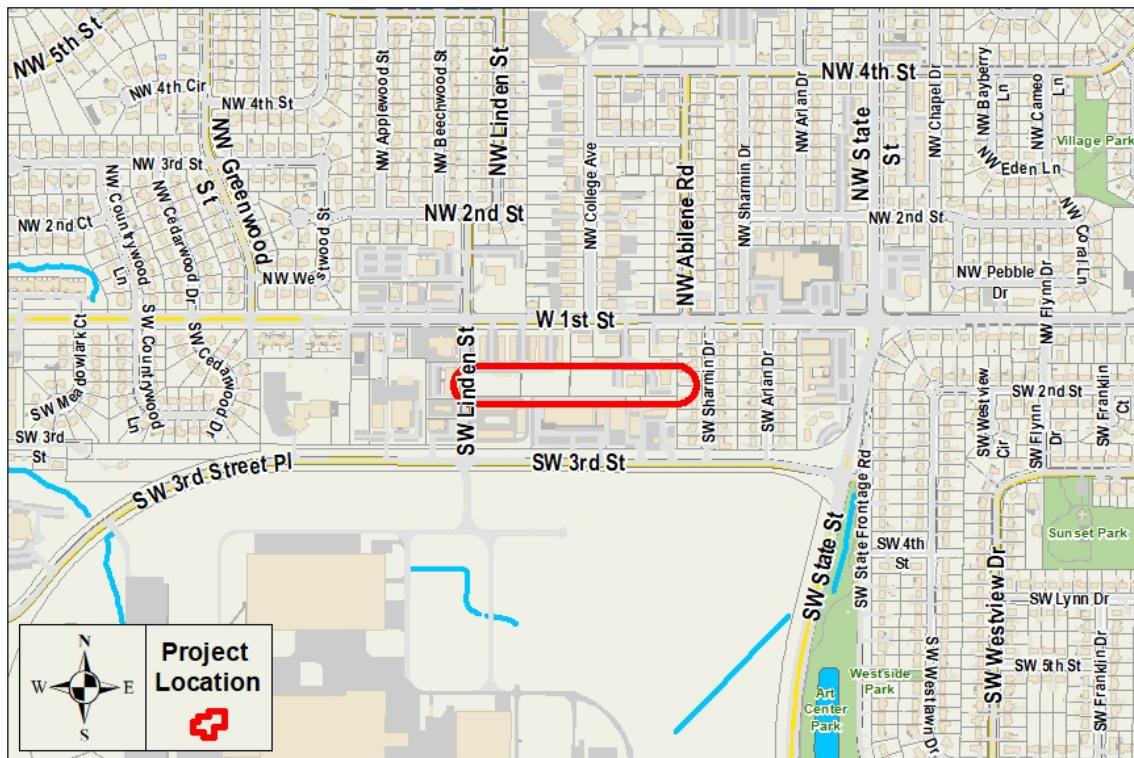
## City of Ankeny, Iowa

Department Water Utility

Contact Municipal Utilities Director

Project # **WTM-24-001**

Project Name **SW Linden and SW Sharmin Water Main Improvements**



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Water Mains

**Project #** WTM-25-001

**Project Name** SW Oralabor Road Transmission Main

#### Description

This project will construct approximately 8,500 LF of 24-inch transmission water main and will complete the transmission loop on the north side of SW Oralabor Road, from just west of South Ankeny Boulevard to just east of SW Irvinedale Drive. This project was listed in the 2016 Water System Mater Plan. This project will be designed in 2029 and will be constructed in 2030 with a cost estimate of \$4,750,000.

#### Justification

This project will complete the 24-inch diameter transmission main framework for the City. It will provide a redundant loop of water transmission main between our 2 main 24-inch diameter feeds from the south side of the City provided from DMWW. This project would enhance our ability to move water freely from the west side of Ankeny to the east side.

Expenditures	2025	2026	2027	2028	2029	Total
Engineering-Design					250,000	250,000
Land/ROW Acquisition					50,000	50,000
<b>Total</b>					<b>300,000</b>	<b>300,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Water Revenue Bonds					300,000	300,000
<b>Total</b>					<b>300,000</b>	<b>300,000</b>

#### Budget Impact/Other

This project will take 1,400,000 gallons to fill and flush this main.

## 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

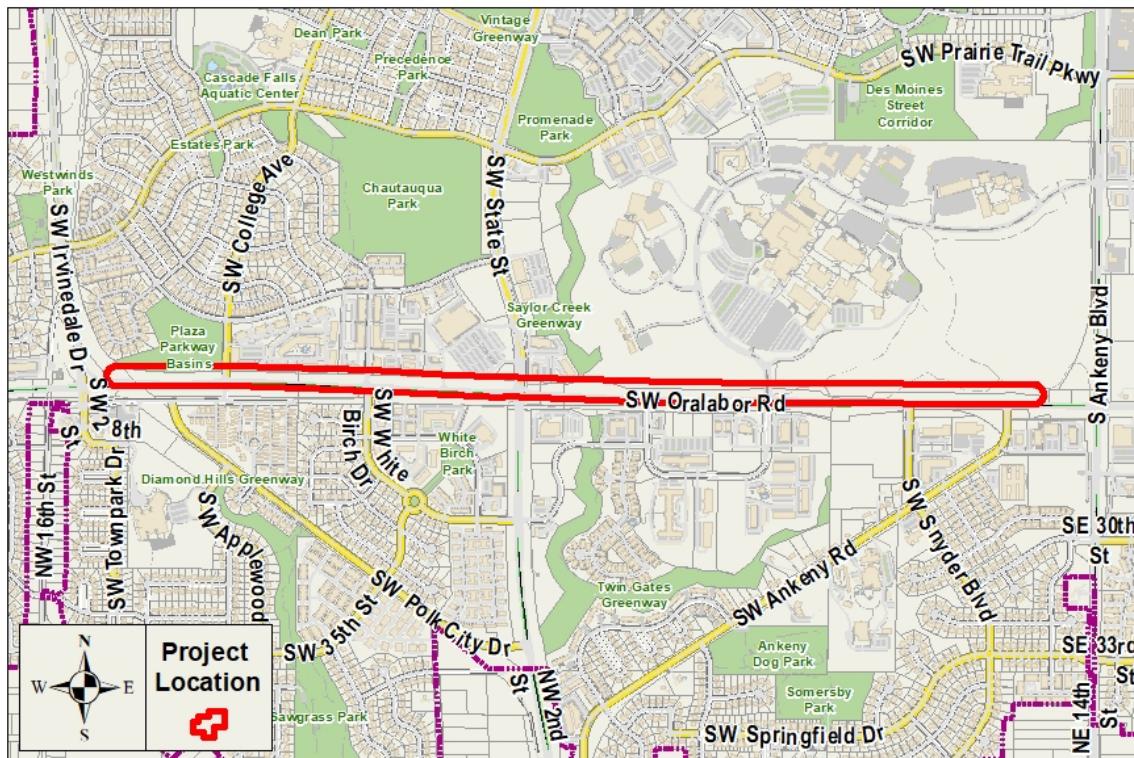
## City of Ankeny, Iowa

## Department Water Utility

**Contact** Municipal Utilities Director

Project # WTM-25-001

Project Name SW Oralabor Road Transmission Main



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** Improvement

**Useful Life** 20 years

**Category** Water Towers/Storage

**Project #** WTT-23-001

**Project Name** SW Irvindale Elevated Storage Tank Repaint

### Description

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

### Justification

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

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design			90,000			90,000
Engineering-Construction				77,000		77,000
Services						
Construction Costs				1,110,000		1,110,000
<b>Total</b>			<b>90,000</b>	<b>1,187,000</b>		<b>1,277,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Water Revenue Bonds			90,000	1,187,000		1,277,000
<b>Total</b>			<b>90,000</b>	<b>1,187,000</b>		<b>1,277,000</b>

### Budget Impact/Other

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

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Utilities				8,100		8,100
<b>Total</b>				<b>8,100</b>		<b>8,100</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

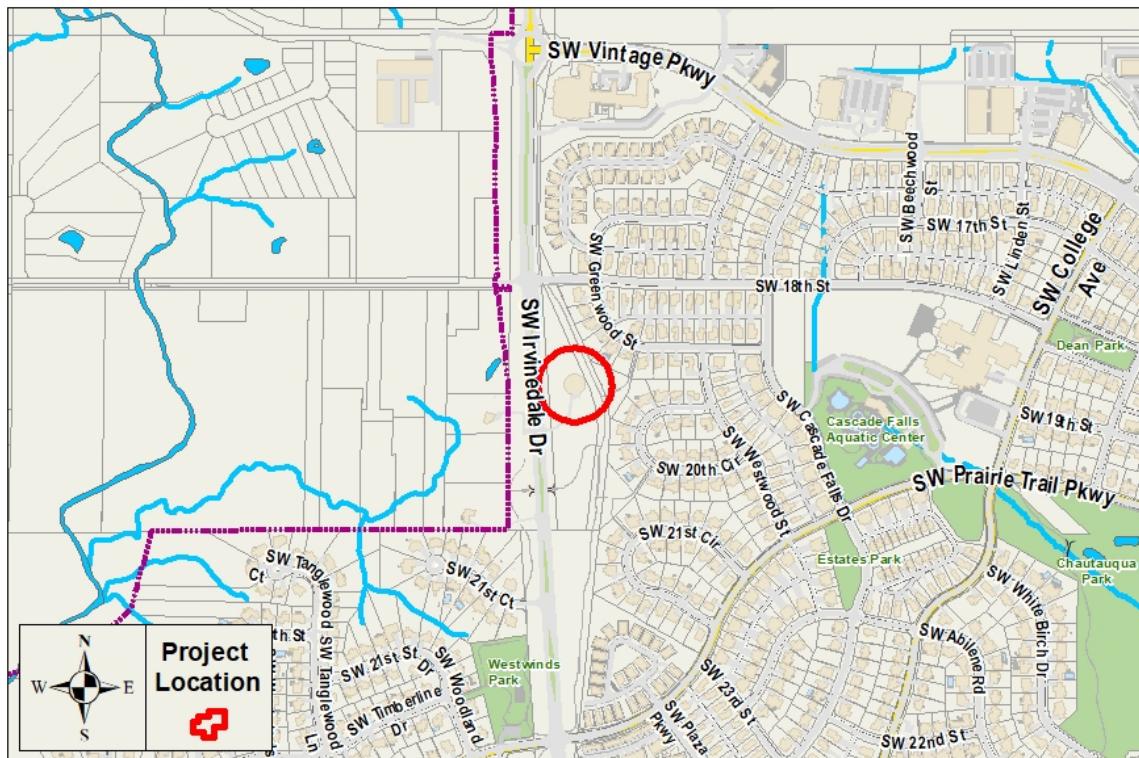
## City of Ankeny, Iowa

Department Water Utility

Contact Municipal Utilities Director

Project # **WTT-23-001**

Project Name **SW Irvinedale Elevated Storage Tank Repaint**



# 2025 - 2029 Capital Improvement Program

## City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** New Construction

**Useful Life** 40 years

**Category** Water Towers/Storage

**Project #** WTT-24-001

**Project Name** Elevated Water Storage Tower No. 4

### Description

Construct a new 2.5 million gallon elevated water storage tank in the central part of the City to provide additional water storage and allow for future maintenance of other water towers within the City.

### Justification

The proposed site is located where the existing Ash Water Tower is currently. It is proposed to construct the largest elevated water tower that can fit onto this property, hoping it would be in the 2 – 2.5 MG range. This location was selected as a potential cost saving measure and it is possible another site will need to be established if we cannot fit the new elevated water tower at this site. We anticipate remaining as close as we can to the existing 24-inch water main framework to save additional transmission main costs.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design	400,000					400,000
Engineering-Construction Services		150,000	150,000			300,000
Construction Costs		5,000,000	5,000,000			10,000,000
<b>Total</b>	<b>400,000</b>	<b>5,150,000</b>	<b>5,150,000</b>			<b>10,700,000</b>

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Water Fund	400,000					400,000
Water Revenue Bonds		5,150,000	5,150,000			10,300,000
<b>Total</b>	<b>400,000</b>	<b>5,150,000</b>	<b>5,150,000</b>			<b>10,700,000</b>

### Budget Impact/Other

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

<b>Budget Items</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Utilities			19,440			19,440
<b>Total</b>			<b>19,440</b>			<b>19,440</b>

# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Department** Water Utility

**Contact** Municipal Utilities Director

**Project #** WTT-24-001

**Project Name** Elevated Water Storage Tower No. 4



## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** Maintenance

**Useful Life** 20 years

**Category** Water Towers/Storage

**Project #** WTT-25-001

**Project Name** ASR Well No. 2 Rehabilitation

#### Description

ASR No. 2 is located at 3700 NE Otter Creek Drive which is generally located north of NE 36th Street and Fire Station No. 3. This project is to rehabilitate the Jordan well associated with Aquifer Storage Recovery Well No. 2, as well as replace the existing 2012 pump/motor. It will also update the injection system with the installation of a Baski valve, which has become the preferred method used in ASR wells as you can control the velocity or amount of water that is injected or recovered.

#### Justification

This project is necessary due to the slow decline in recoverable water volumes over time due to mineral and sediment buildups, that can slow water movement into the well shaft, lower static water levels in the Jordan aquifer and mechanical wear on the pump and impeller over time. The timing of the project is projected to allow for some development of the new ASR No. 3 with the hope that ASR No. 1 will still be functioning. This will allow for the minimum effect on deliverable water volumes for peak needs of Ankeny customers during the rehab and returned capacity for the long-term operation of this well. Northway Well and Pump provided the estimated total construction cost of \$2,000,000.

<b>Expenditures</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Engineering-Design				200,000		200,000
Engineering-Construction					200,000	200,000
Services						
Construction Costs					2,000,000	2,000,000
<b>Total</b>				200,000	2,200,000	2,400,000

<b>Funding Sources</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>Total</b>
Water Revenue Bonds				200,000	2,200,000	2,400,000
<b>Total</b>				200,000	2,200,000	2,400,000

#### Budget Impact/Other

ASR No. 2 is our largest capacity Aquifer Storage and Recovery well. It helps to ensure that peak capacity needs are met, purchase capacities are not exceeded, and as a limited emergency source if other production or distribution assets are not available. It is likely that Ankeny will lose a recovery cycle during the rehab and we are planning for this during a time when our capacity will be high with the formation of CIWW and also with the hope that ASR No. 1 will still be functional. We are also assuming that ASR No. 3 will be available to help with some of the loss of capacity during this rehabilitation. The well is currently recovering approximately 2.4 MGD of its 3 MGD design capacity.

## 2025 - 2029 Capital Improvement Program

### City of Ankeny, Iowa

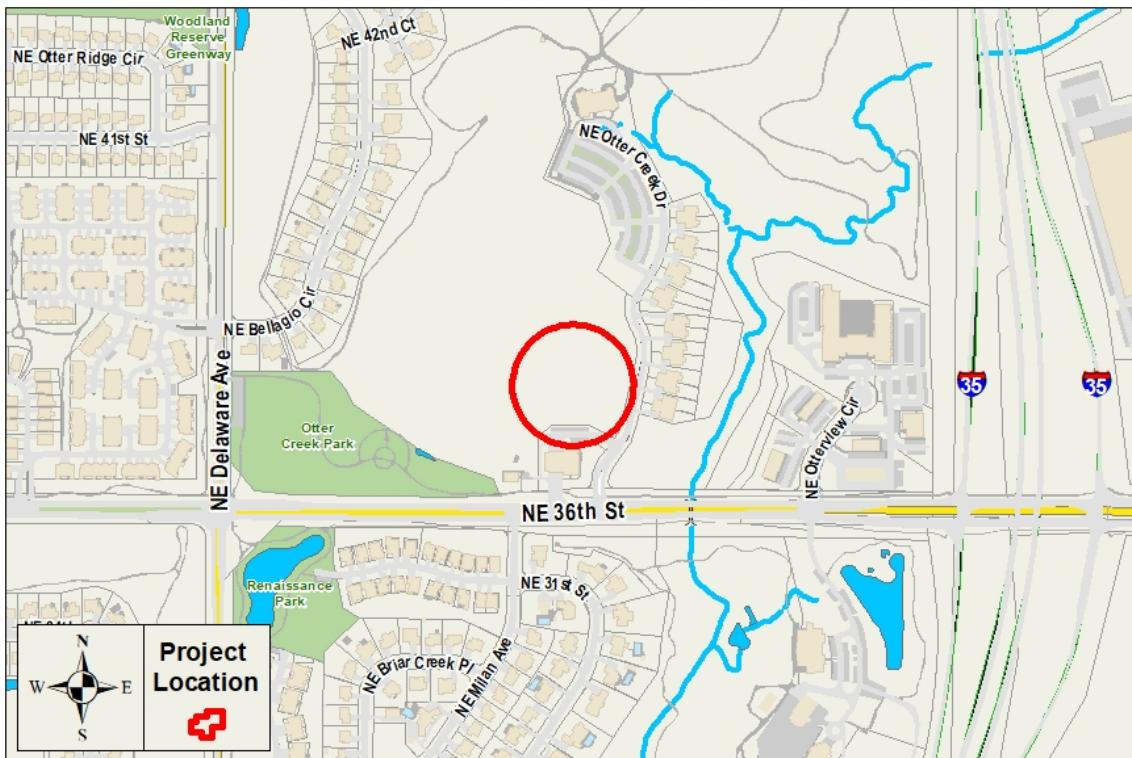
2025 *thru* 2029

Department Water Utility

**Contact** Municipal Utilities Director

Project # WTT-25-001

Project Name ASR Well No. 2 Rehabilitation



# 2025 - 2029 Capital Improvement Program

2025 *thru* 2029

## City of Ankeny, Iowa

**Project #** WTT-25-002

**Project Name** SCADA System Upgrade

**Department** Water Utility

**Contact** Municipal Utilities Director

**Type** Maintenance

**Useful Life** 20 years

**Category** Water Towers/Storage

### Description

This project is to update the current SCADA equipment (PLC, radios, and antennas) at the Water Shop, SW Irvinedale Tower, Ash Tower, Magazine Pump Station, and Delaware Pump Station. The current radios and antennas are outdated and unavailable and the PLC needs to be upgraded to handle the growing number of facilities that the City owns and maintains. Upon completion of the NW Water Tower in 2025, there will need to be equipment that communicates between it and the NW Booster Station and ultimately relay the information back to the Water Shop. It is also requested to include ASR No. 2 and ASR No. 3 into the SCADA telemetry. Radio telemetry is the only option that currently works with the water facilities as the Ankeny fiber network is building out. As fiber becomes available at our facilities we can convert to a fiber connection, but would still have the redundancy via telemetry if the fiber was to fail. Those facilities that do not have or will not have a fiber connection, would continue to communicate through radio telemetry.

### Justification

This project will allow the Water Division and DMWW to continue to monitor and operate the current core facilities without concern of an outage due to aged equipment that may not be available for replacement. The addition of the NW Booster Station and the NW Irvinedale Water Tower will be critical to future operations. The addition of the ASRs will allow monitoring and troubleshooting from a central location. Future facilities would be added into our SCADA system as they come online and those costs would be added into those projects as our system expands.

Expenditures	2025	2026	2027	2028	2029	Total
Construction Costs		125,000				125,000
Furniture, Fixtures & Equipment		100,000				100,000
<b>Total</b>		<b>225,000</b>				<b>225,000</b>
Funding Sources	2025	2026	2027	2028	2029	Total
Water Revenue Bonds		225,000				225,000
<b>Total</b>		<b>225,000</b>				<b>225,000</b>

### Budget Impact/Other

This project would ensure that staff and DMWW continue to have the ability to monitor and operate the core facilities and also check into alarms from facilities at the centralized console at the Water Shop. This would reduce unnecessary trips to facilities and potentially allow for corrections to be made in a quicker timeframe, reducing any damages caused from delays in getting to facilities. We currently experience glitches with the old system but to date have been able to reset the system effectively. Having all Water facilities tied into the telemetry system not only provides immediate information to Operators but stores long term data trends to help make future decisions on the operation of the entire distribution system.

2025 - 2029 Capital Improvement Program  
City of Ankeny, Iowa

2025 *thru* 2029

**Department** Water Utility  
**Contact** Municipal Utilities Director

Project # **WTT-25-002**

Project Name **SCADA System Upgrade**





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