

2013-2017 Capital Improvement Program



C I P



2013-2017 CAPITAL IMPROVEMENTS PROGRAM

INTRODUCTION

The Capital Improvements Program (CIP) serves as a guide for the efficient and effective provision of public facilities, outlining timing and financing schedules of capital and infrastructure projects for a ten-year program period, five-year period, and for the next fiscal year capital budget.

The CIP identifies capital needs, establishes priorities, and identifies potential funding sources. Key sources of identifying capital requirements include the Ankeny Comprehensive Plan as well as professional studies of facilities, transportation, utilities, and drainage needs.

The CIP neither appropriates funds nor authorizes projects. The Ankeny City Council must act to initiate each project. Proceedings to initiate capital improvements are presented when sources of funding are available.

The capital budget is a significant part of the 2013-2014 Budget. It represents costs associated with capital projects in the first year of the 2013-2017 Capital Improvements Program.

Such projects may include land acquisitions, the construction and acquisition of new buildings, additions to or renovations of existing buildings, construction or reconstruction of street and utility infrastructure, and major equipment purchases. Because of the size and magnitude of these projects, bond funds are a major source of financing for projects, including utility projects.

Annually, staff performs a systematic evaluation of capital project requirements, updates the adopted CIP 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 and review of the recommended CIP, city management staff employed experience-based judgment to identify which projects can be accomplished within a given year, within the limit of the City's control. As would be expected, project expenditures and revenue estimates for the earlier years are more precise than the later years.

Numerous sources are drawn upon to develop the expenditures included within this document including plans and/or studies completed or currently in process. A listing of completed studies, current studies, and future studies anticipated to assist in the development of future capital improvement programs is located in Appendix 1 to this Transmittal.

FISCAL OVERVIEW

The 2013-2017 CIP reflects a \$39.5 million increase in project expenditures from the previous five-year program, largely due to the addition of the East 1st Street/I-35 Interchange Reconstruction project and

enhanced planning in the Prairie Trail development. City staff continues to look for ways to leverage non-city capital project dollars to limit the burden on Ankeny taxpayers.

Continuing to meet the growing infrastructure needs of our community is made more difficult by the same financial constraints facing many cities, including Ankeny. Traditional support from federal and state governments for construction of new infrastructure or reconstruction of existing infrastructure has waned, and greater sums of local resources are necessary to finance local infrastructure investments. This is occurring just as the growth in predictable property tax revenue has slowed.

Previous efforts to develop a long-term strategy and prioritize short-term goals have helped achieve sustained prosperity. That is to say, Ankeny has been deliberate, tactical, and paid special attention to its fiscal responsibilities. Still, we have arrived at a time when we face significant challenges and threats to our ongoing efforts of competitiveness and economic growth.

Continued investment in essential infrastructure is unquestionably a key factor supporting our core mission. Until now, the City's infrastructure strategy has taken a holistic view of the community, determined where and when to invest, articulated key objectives and helped define schedules. This framework for strategic infrastructure investment respects two key realities: the city has to perform on an array of prioritized goals, and the city has limited resources. The question is how to leverage these realities successfully as we navigate this new political and economic landscape. Although a shift in thinking about our new realities is prudent it is also critical to maintain the annual capital improvement process for the purpose of developing a five-year capital improvements program.

CAPITAL IMPROVEMENTS PROGRAM GOALS

The four goals adopted by the Ankeny City Council provide policy guidance for the evaluation of capital improvement projects. City of Ankeny Goals 2017 include:

1. High performing city organization; financially sound; providing service value
2. Preservation of Ankeny's hometown feel
3. Responsible growth and revitalization
4. Ankeny as a successful business center

In addition to Goals 2017, the Ankeny Comprehensive Plan serves as the basis for many of the City's policy decisions related to a wide range of issues. Conversely, decisions related to capital projects are tied to the Ankeny Comprehensive Plan. Comprehensive Plan goals related to the 2013-2017 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 the transportation system is adequate to meet future needs

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 improvements program process includes a submittal form that gathers information about capital projects including information on the department, the project type and purpose, funding sources, underlying City studies, and reasons for the project's timing. These factors are combined with other factors such as relevance to City Council goals, method of financing, and whether or not it is new or replacement work.

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

- Meeting Legal Mandates
- Removes or Reduces Hazards
- Advances a Council Goal
- Improves Efficiency
- Maintains Standard of Service
- Supports Economic Development
- Improves Service
- Facilitates New Services
- Improves the Quality of Life or Aesthetic Values
- Offers Convenience

These urgency-of-need criteria are used as general guidelines that point to rather than determine priorities among capital project requests. In evaluation of the urgency of need, affordability is given strong consideration.

Once the projects are evaluated using the above criteria, they will then be ordered based upon their source and project year. Project summaries and order are then reviewed by the City Manager and organized for presentation to the City Council.

Since debt for the upcoming year's projects will be issued this spring and these projects will also become part of the adopted budget, the emphasis in the capital improvement process will be on the upcoming year's capital program. The projects for the remaining four years of the program will become part of City's long-term financial program and five-year capital improvements program, and will not have debt issued for them until future years. These projects are still an important part of the capital improvements program as they help shape the debt issues and debt service levy into the future.

PROGRAM OVERVIEW

For 2013-2017, the Capital Improvements Program totals \$136,425,471. Of this total 68% is for transportation projects including annual maintenance, 18% is identified for Prairie Trail, 9% is for municipal utility and drainage projects, 4% for park facilities, and 1% is for sidewalks and trails.

Capital budget requirements for 2013 total approximately \$19 million. Capital spending authorizations by project category for the upcoming year include:

▪ Annual	\$ 3,327,000	17%
▪ Parks	\$ 726,600	4%
▪ Prairie Trail	\$ 1,700,000	9%
▪ Transportation	\$ 10,230,000	54%
▪ Water/Sewer	\$ 1,000,000	5%
▪ Storm Water	\$ 2,061,206	11%

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

CITY COUNCIL CIP POLICIES

The following is the Capital Improvements Program Section of the Budget Policy Statement approved by the Ankeny City Council.

Projects—evaluate all requests for capital improvement projects using the following criteria:

- a. Source of funding, including availability of additional revenue
- b. Total project cost (design and development) and schedule for completion
- c. Life of asset
- d. Benefits to the city including but not limited to the affect on future operating and maintenance costs, economy, services, public health and safety, the environment, segment of population to be affected, and special considerations
- e. Alternatives considered
- f. Consequences of not funding or deferral
- g. Evaluation of citizen input
- h. Impact on strategic plan for the city

Cost Estimates—revise cost estimates after completion of design.

Design—design facilities using current technology in order to be efficient and cost effective, protect the public welfare and minimize adverse effects on the environment.

Multi-Year Projects—annually evaluate multi-year capital projects.

Priorities—give priority to replacement or repair of existing assets.

Plan Maintenance—prepare and update annually a capital improvement program including construction and purchases of city assets.

Non-Construction Expenses—Limit interest, operating, administrative and/or maintenance expenses capitalized for capital projects to those expenses incurred prior to actual operation of the facility.

Offices—consolidate offices into fewer buildings and move from leased to owned facilities as much as possible.

Long-Term Financing—Long term borrowing shall be limited to capital improvement projects that cannot be financed from current revenues and to capital equipment with a useful life of 20 years or greater and a purchase cost of \$250,000 or greater. Other policies governing long-term debt include:

- a. Finance capital projects for a period not to exceed the expected useful life of the project.
- b. Maintain good communication with rating agencies and provide required disclosure on every financial report and bond prospectus.
- c. Prohibit debt or bond financing from being used to support current operating expenditures.
- d. Total debt outstanding, including overlapping debt, will be considered when planning additional debt issuance.
- e. The City's share of utility projects, including City cost of over-sizing of water, sewer, and storm sewer mains, should be financed with utility funds and other revenue sources when funds are appropriate and available.
- f. The use of general obligation bonds for projects does not dismiss the potential pro-rata payment for debt service by specifically benefitted funds such as water, sewer, storm water, or road use.
- g. Financing requirements will be reviewed annually. The timing for financing will be based upon the City's needs for funds, market conditions and debt management tools.

2013-2017 FINANCIAL PLAN

Additionally, the financial plan presents a diversified approach to funding the 2013-2017 CIP with over 81% coming from non-property tax sources. The plan focuses on finding revenue sources from outside the community to lessen the burden on Ankeny taxpayers and aggressively seeks partnerships for enhancing the city's infrastructure. The CIP financial plan relies on regular general obligation debt with

substantial investment in infrastructure rehabilitation. Typically, any rehabilitation funding, especially for street rehabilitation, is funded directly by property taxes from the debt service levy.

Below is a summary of the funding sources for the 2013-2017 CIP.

Funding Source	Revenue (\$)	% of Revenue
Property Taxes	25,308,796	19%
Municipal Utility Revenues	12,503,716	9%
Grants and Intergovernmental	62,836,949	46%
Tax Increment Financing	31,949,700	23%
Miscellaneous Revenues	3,826,310	3%
Total	136,425,471	100%

PROPERTY TAX

Property taxes, specifically those collected through the city’s debt service levy, is one of the largest sources of revenue for the proposed CIP, representing about \$25.3 million or 19% of the overall financial plan. Property tax revenue is used to make the principal and interest payments for any general obligation debt issued by the city to pay for infrastructure projects.

There are six types of GO 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 only
2. Water-abated general obligation debt—reimbursement received from city’s water fund
3. Sewer-abated general obligation debt—reimbursement received from city’s sewer fund
4. Storm water-abated general obligation debt—reimbursement received from city’s storm water fund
5. Tax increment financing (TIF)-abated general obligation debt—reimbursement received from capturing taxes paid to all taxing authorities on certain new commercial and industrial properties
6. Referendum approved general obligation debt—additional debt service levy authority for capital projects approved by a vote of a super-majority (60%) of Ankeny voters.

The proposed CIP provides a greater reliance on regular GO debt, but generally consistent with prior years. The city experiences various cycles where some years there is higher abated debt than regular debt. Large projects such as the NE 36th Interchange and the reconstruction of SW Irvinedale Drive have moved the city into a regular debt cycle.

TAX INCREMENT FINANCING

The use of tax increment financing (TIF) to abate some of the general obligation debt issued by the city is a way for the city to allow for growth, specifically commercial and industrial growth, to pay for itself. Of the total funding sources, shown above about \$32 million, or 23% of general obligation debt is financed through TIF abatements. The majority of TIF-abated projects are located within the Prairie Trail development, such as The District at Prairie Trail and SW Vintage Parkway, which are designed to provide access to the commercial areas and encourage commercial investment in Prairie Trail.

Outside of Prairie Trail, the CIP includes infrastructure investment for the SW Irvinedale Drive Reconstruction – Phase 2 and 3, East 1st Street/I-35 Interchange Reconstruction, SE Creekview Drive Paving and SE Corporate Woods and SE Four Mile Drive Intersection projects. Phase 2 of the SW Irvinedale Drive reconstruction project is being constructed to support the John Deere—Des Moines Works expansion project. The project will be supported by TIF revenues generated by John Deere’s expansion with the non-TIF balance being paid for through the state’s Rebuild Iowa’s Sound Economy (RISE) program.

MUNICIPAL UTILITIES

The city’s 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 \$12.5 million, or 9% of the CIP financial plan.

Funds from the utilities pay for abatements of the general obligation issued debt discussed above. Another option is for the utilities to issue debt directly and pay principal and interest payments based on the revenues of the utility. These debt instruments are called revenue bonds and unlike general obligation bonds are not supported by the full faith and credit of the city’s taxing authority. Rather, the bonds are supported by the amount of revenue each utility generates. One additional debt instrument used by the city is a loan from the State Revolving Loan Fund (SRF). Iowa’s SRF provides low-interest loans to communities looking to provide enhanced utility service to its residents.

Water/Sewer

The proposed CIP includes annual appropriations of \$500,000 for water and \$400,000 for sewer to fund small improvements projects, which include the SW Southlawn Utility and Paving project, SW Maple Street Water Main improvements, NW 36th Street/Elementary #10 improvements, SW 3rd Street Utility and Paving replacement, SE Sharon Relief Sanitary Sewer and NE 7th Street Sanitary Sewer replacement. Larger water or sewer projects are funded with revenue bonds. The CIP anticipates the issuance of sewer revenue bonds in the 2014 and 2017 CIP in the amount of \$1,416,000 and \$1,401,500 for the SE Area Sanitary Sewer Improvements, West Outfall Relief Sewer and Otter Creek Trunk Sewer – Phase 3.

Storm Water

The function of the storm water utility as a funding mechanism for drainage improvements was established by the Council during previous CIP processes. The proposed CIP provides for \$250,000 each year from the storm water utility to go toward small drainage improvement projects. In addition, this financial plan includes \$2.89 million worth of drainage projects funded through the storm water utility fund by means of general obligation bonds abated by storm water utility revenues. These projects were identified through the various drainage engineering studies completed since the Floods of 2008. A fee structure of \$3/ERU for non-residential properties and \$4/ERU for residential properties are currently in effect.

GRANTS & INTERGOVERNMENTAL

Every year city staff looks for opportunities outside of the normal funding mechanisms (property tax 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 taxing bodies. The proposed CIP financial plan identifies about \$62.8 million to be received from grant awards or intergovernmental assistance, representing 46% of all revenue sources.

A few of the grants identified in the financial plan have already been awarded to the city, such as a \$7.9 million in a federal earmark for the NE 36th Street/I-35 Interchange, \$2.6 million in RISE funding for SW Irvinedale Drive Reconstruction – Phase 2, \$15,000 in TEAP funding to study the West First Street and SW State Street intersection and various STP/STP-TE awards from the Des Moines Area Metropolitan Planning Organization (DMAMPO). Other grants have either been applied for already, waiting on award announcements, or the city anticipates making future applications for funding.

The project most dependent on grant and intergovernmental support is the NE 36th Street/I-35 Interchange, with a project cost of over \$25 million. This project will receive approximately \$7.9 million in a federal earmark, \$8 million in support from the Iowa Department of Transportation (IDOT) through their five-year CIP and \$1,374,000 from the DMAMPO. Grants and intergovernmental assistance represent 79% of the funding support for the project.

Other likely assistance includes grants from the state for recreational trails (SW Cherry Street Regional Trail Connection and the Ankeny Market and Pavilion). Furthermore, funding assistance of \$325,000 is anticipated from Polk County for infrastructure projects related to the asphalt overlay of NE Four Mile Drive from NE 18th Street to NE 36th Street and donations related to the Miracle Park and Ankeny Market & Pavilion projects. To date, a \$50,000 matching contribution from Polk County has been received for the Miracle Park and the AMP steering committee is hopeful that the same would occur for the Ankeny Market & Pavilion.

The most notable addition to the intergovernmental portion of the CIP is the East 1st Street/I-35 Interchange Reconstruction project. This project was shifted from the city's 10-year CIP to the 5-year

CIP based on the Iowa Department of Transportation's (IDOT) desire to include on their master list for programming in 2015-2017, with the IDOT planning to cover 99% of the \$41,575,000 cost.

CIVIC TRUST FUND DEVELOPER CONTRIBUTIONS

The Prairie Trail development agreement with DRA Properties established Civic Trust Fund I by which DRA agreed to deposit \$1.25 in Civic Trust Fund I for every \$1.00 the city spends on infrastructure in Prairie Trail, with a contribution maximum of \$25 million. An amendment to expand the Prairie Trail development agreement and establish Civic Trust Fund II was approved by the City Council and DRA Properties. Under this amendment DRA agreed to deposit \$1.00 in Civic Trust Fund II for every additional \$1.00 the city spends on infrastructure in Prairie Trail, up to a maximum of \$20 million. This is in addition to the original \$25 million, bringing the total City commitment in Prairie Trail to \$40 million and Civic Trust Fund I and II contributions by DRA Properties to \$45 million.

PRIVATE CONTRIBUTIONS

The financial plan includes contributions from private sources, totaling \$2,753,310 of the 2013-2017 CIP. This includes donations, contributions from property owners on a reimbursement basis or special assessments, or from local sports groups on the installation of sports field lighting at Hawkeye Park and Prairie Ridge Sports Complex. The amount of private contributions is significantly higher than previous CIP's due to fundraising efforts to construct the Miracle Park and Ankeny Market & Pavilion (AMP) projects.

CONCLUSION

This document represents the conclusion of a systematic process employed by the City Council and city staff to develop a ten-year program of infrastructure projects critical to the growth of the Ankeny community.

Projects proposed for completion between 2013-2017 sustain existing infrastructure, support expansion of new economic opportunities, continue a long-standing partnership with the school district, and through a more austere five-year program demonstrate a clear awareness of current economic challenges before the community. It is noted, however, that a significant watch list of projects will need to be considered in the future. With these pressures in mind, the CIP represents a balanced approach making prudent investments while targeting construction in areas essential to sustaining Ankeny's commitment to attracting businesses, managing growth and revitalization, and expanding our quality of life. By following this program, Ankeny will continue to be well positioned for the future.

APPENDIX 1

PLANS/STUDIES

Completed Studies

- Fox Engineering Water System Study (2002, 2006 Supplement)
- Urban Design Associates Prairie Trail Master Plan (2006)
- Economic Research Associates Prairie Trail Retail Market Analysis (2006)
- Economic Research Associates Prairie Trail Park Facilities & Trails Economic Impact Study (2007)
- Economic Research Associates Real Estate Market Assessment (2007)
- Williams Architects Fire and Police Departments Space Needs Assessment (2005)
- Wilson Estes Architects Headquarters Police Station Plan (2007)
- Veenstra and Kimm Golfview Acres and Country Club Court Sewer Feasibility Study (1998, 2006 Update)
- Veenstra and Kimm Storm Water Drainage Study—SE 4th & Wanda Area (2008)
- Veenstra and Kimm Sanitary Sewer Evaluation (2008)
- HR Green NE 36th Street Interchange Justification Study (2007)
- RDG Crosswinds Business Park Master Plan (2007)
- RDG Parks and Facilities Comprehensive Plan (2007)
- RDG Library Services Space Needs Assessment (2006)
- RDG Ankeny Comprehensive Plan Update (2008)
- Barker Lemar—Demolition and Disposal of Ordnance Plant Wastewater Treatment Complex and Landfill (2006)
- Paul Miller Design, Inc. Otter Creek Redevelopment Plan (2006)
- Nilles and Associates Saylor Creek Tributary Conceptual Design Plan (2006)
- Nilles and Associates North Creek Stream Corridor Study (2008)
- Snyder and Associates U.S. Highway 69 Roadway Improvements Study (2006)
- Snyder and Associates Four Mile Creek Tributaries Storm Water Analysis (2008)
- Snyder and Associates Safe Route to Schools Study (2008)
- Water's Edge Inc. Aquatic Center Facilities Feasibility Study (2008)
- Water's Edge Inc. Aquatic Center #2 Architecture & Design Plan (2008)
- Aaron Cohen Associates Library Facilities and Operational Analysis (2007)
- SVPA Architects Headquarters Fire Station Remodeling and Fire Station #2 Plan (2007)
- Kirkham and Michael Westwinds Slope Stability Study (2008)
- Polk County Saylor Creek Interceptor—Rock Creek Extension (2007)
- Des Moines Water Works Long Range Water Treatment Plan (2009)
- Des Moines Water Works Long Range Water Distribution Plan (2009)
- Des Moines Metropolitan Planning Organization 2030 Long-Range Transportation Plan (2000, 2008 Update)

Current Studies

- City Staff Uptown Redevelopment Plan (2007)
- RDG Interstate 35 Blue Belt Corridor Study (2008)
- Nilles Associates Wildflower Plat 2 Storm Water Review Study (2008)
- Nilles Associates Prairie Trail Master Plan Update (2009)
- Nilles Associates Promenade Park Master Plan (2009)
- Snyder and Associates/Polk County—Saylor Creek and Rock Creek Equalization (2009)
- Wink Associates Woodland Reserve Greenway Master Plan (2010)
- ICAAP Traffic Signalization and Timing Study (2010)

Future Studies

- City Staff Ordinance Road Redevelopment Plan
- Nilles Associates Chautauqua Park Master Plan
- Nilles Associates Promenade Park Development Plan

Section 1

City of Ankeny: 2013 - 2017 Capital Improvement Program Amended

2013 CIP Projects by Funding Source

Project	Project #	2013	General Obligation Bonds						Revenue Bonds		Grant	Cash	Other
			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water	Sewer			
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000										
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$210,000	\$210,000										
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000										\$400,000	
Annual Storm Water Replacement Program	STM-00-001	\$250,000										\$250,000	
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000										
Annual Asphalt Street Resurfacing Program	STR-00-002	\$457,000	\$457,000										
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$100,000									\$50,000	
Annual Street Replacement Program	STR-00-004	\$350,000	\$350,000										
Annual Traffic Signal Improvement Program	TRF-00-001	\$260,000										\$260,000	
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000										\$500,000	
SE Delaware Sanitary Sewer Extension	SNS-13-001	\$200,000					\$200,000						
The District at Prairie Trail	COR-07-001	\$600,000					\$600,000						
SW Des Moines Street/Parkway Extension	COR-09-001	\$800,000					\$800,000						
Prairie Trail Plaza Water Management Basin	COR-13-001	\$125,000					\$125,000						
Promenade Park Development	PRK-09-003	\$175,000					\$175,000						
Miracle Park Project	PRK-13-003	\$726,600								\$50,000	\$50,000	\$626,600	
SE Area Sanitary Sewer Improvements	SNS-10-001	\$800,000										\$800,000	
SE 4th & SE Wanda Area Storm Sewer Improvements	STM-10-001	\$100,000					\$100,000						
Trib A to Four Mile Creek Channel Improvements	STM-11-001	\$712,206					\$712,206						
North Creek Channel Improvements	STM-11-002	\$919,000					\$919,000						
South Ankeny Boulevard Drainage Improvements	STM-12-002	\$330,000					\$222,000				\$108,000		
SW Walnut Street Uptown Revitalization	STR-12-006	\$60,000										\$53,000	\$7,000
SW Irvinedale Drive Reconstruction - Phase 2	STR-12-007	\$5,070,000					\$2,470,000				\$2,600,000		
SW Irvinedale Drive Reconstruction - Phase 3	STR-13-006	\$1,500,000					\$1,500,000						
NE Four Mile Drive Asphalt Paving - NE 18th Street to NE 36th Street	STR-13-003	\$450,000	\$225,000										\$225,000
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$465,000					\$465,000						
West 1st Street/State Street Intersection Improvements	STR-13-005	\$15,000									\$15,000		
NW 36th Street/Elementary #10 Improvements	STR-13-002	\$2,670,000	\$2,420,000									\$250,000	
SE Four Mile Drive Realignment	STR-13-007	\$40,000										\$40,000	
		\$19,084,806	\$4,512,000	\$0	\$0	\$1,953,206	\$6,335,000	\$0	\$0	\$0	\$2,773,000	\$2,653,000	\$858,600

2013 Bond Issue Project Costs	\$12,800,206
Issuance Costs/Discount/Contingency	\$209,794
Projected 2013 Bond Issue Total	\$13,010,000

City of Ankeny: 2013 - 2017 Capital Improvement Program

2013 CIP Projects by Funding Source

Project	Project #	2013	General Obligation Bonds						Revenue Bonds		Grant	Cash	Other
			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water	Sewer			
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000										
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$210,000	\$210,000										
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000										\$400,000	
Annual Storm Water Replacement Program	STM-00-001	\$250,000										\$250,000	
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000										
Annual Asphalt Street Resurfacing Program	STR-00-002	\$457,000	\$457,000										
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$100,000									\$50,000	
Annual Street Replacement Program	STR-00-004	\$350,000	\$350,000										
Annual Traffic Signal Improvement Program	TRF-00-001	\$260,000										\$260,000	
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000										\$500,000	
SE Delaware Sanitary Sewer Extension	SNS-13-001	\$200,000				\$200,000							
The District at Prairie Trail	COR-07-001	\$600,000				\$600,000							
SW Des Moines Street/Parkway Extension	COR-09-001	\$800,000				\$800,000							
Prairie Trail Plaza Water Management Basin	COR-13-001	\$125,000				\$125,000							
Promenade Park Development	PRK-09-003	\$175,000				\$175,000							
Miracle Park Project	PRK-13-003	\$726,600								\$50,000	\$50,000	\$626,600	
SE Area Sanitary Sewer Improvements	SNS-10-001	\$800,000										\$800,000	
SE 4th & SE Wanda Area Storm Sewer Improvements	STM-10-001	\$100,000				\$100,000							
Trib A to Four Mile Creek Channel Improvements	STM-11-001	\$712,206				\$712,206							
North Creek Channel Improvements	STM-11-002	\$919,000				\$919,000							
South Ankeny Boulevard Drainage Improvements	STM-12-002	\$330,000				\$222,000				\$108,000			
SW Walnut Street Uptown Revitalization	STR-12-006	\$60,000										\$53,000	\$7,000
SW Irvinedale Drive Reconstruction - Phase 2	STR-12-007	\$5,070,000				\$2,470,000				\$2,600,000			
SW Irvinedale Drive Reconstruction - Phase 3	STR-13-006	\$1,500,000				\$1,500,000							
NE Four Mile Drive Asphalt Paving - NE 18th Street to NE 36th Street	STR-13-003	\$450,000	\$225,000										\$225,000
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$465,000				\$465,000							
West 1st Street/State Street Intersection Improvements	STR-13-005	\$15,000								\$15,000			
NW 36th Street/Elementary #10 Improvements	STR-13-002	\$2,670,000	\$2,420,000									250,000	
		\$19,044,806	\$4,512,000	\$0	\$0	\$1,953,206	\$6,335,000	\$0	\$0	\$0	\$2,773,000	\$2,613,000	\$858,600

2013 Bond Issue Project Costs	\$12,800,206
Issuance Costs/Discount/Contingency	\$209,794
Projected 2013 Bond Issue Total	\$13,010,000

City of Ankeny: 2013 - 2017 Capital Improvement Program

2014 CIP Projects by Funding Source

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			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water				Sewer
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Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000									\$400,000		
Annual Storm Water Replacement Program	STM-00-001	\$250,000									\$250,000		
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000										
Annual Asphalt Street Resurfacing Program	STR-00-002	\$450,000	\$450,000										
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$150,000										
Annual Street Replacement Program	STR-00-004	\$450,000	\$450,000										
Annual Traffic Signal Improvement Program	TRF-00-001	\$280,000	\$250,000								\$30,000		
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000									\$500,000		
The District at Prairie Trail	COR-07-001	\$1,200,000				\$1,200,000							
SW Vintage Parkway	COR-07-004	\$1,950,000				\$1,950,000							
SW Des Moines Street/Parkway Extension	COR-09-001	\$1,600,000				\$1,600,000							
SW Des Moines Street Trunk Sewer	COR-13-002	\$750,000				\$750,000							
SW Des Moines Street Drainage Improvements	COR-13-003	\$80,000				\$80,000							
Miracle Park Project	PRK-13-003	\$661,710										\$661,710	
Ankeny Market and Pavilion (AMP)	PRK-13-001	\$1,450,000								\$350,000	\$50,000	\$1,050,000	
SE Area Sanitary Sewer Improvements	SNS-10-001	\$100,000							\$100,000				
West Outfall Relief Sewer	SNS-12-002	\$1,316,000							\$1,316,000				
SE 4th & SE Wanda Area Storm Sewer Improvements	STM-10-001	\$700,000				\$700,000							
Trib A to Four Mile Creek Channel Improvements	STM-11-001	\$233,010				\$233,010							
NE 36th Street/I-35 Interchange	STR-08-002	\$25,155,745	\$7,826,796							\$17,328,949			
NE Elementary School Entrance/Turn Lane	STR-13-004	\$75,000	\$75,000										
West 1st Street/State Street Intersection Improvements	STR-13-005	\$70,000	\$70,000										
		\$38,801,465	\$10,251,796	\$0	\$0	\$933,010	\$5,580,000	\$0	\$0	\$1,416,000	\$17,678,949	\$1,230,000	\$1,711,710

2014 Bond Issue Project Costs	\$16,764,806
Issuance Costs/Discount/Contingency	\$260,194
Projected 2014 Bond Issue Total	\$17,025,000

City of Ankeny: 2013 - 2017 Capital Improvement Program

2015 CIP Projects by Funding Source

Project	Project #	2015	General Obligation Bonds					Revenue Bonds			Grant	Cash	Other			
			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water	Sewer						
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000													
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$270,000	\$270,000													
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000													\$400,000	
Annual Storm Water Replacement Program	STM-00-001	\$250,000												\$250,000		
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000													
Annual Asphalt Street Resurfacing Program	STR-00-002	\$465,000	\$465,000													
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$150,000													
Annual Street Replacement Program	STR-00-004	\$350,000	\$350,000													
Annual Traffic Signal Improvement Program	TRF-00-001	\$315,000	\$250,000												\$65,000	
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000												\$500,000		
SW Prairie Trail Parkway	COR-07-005	\$1,200,000						\$1,200,000								
SW Des Moines Street/Parkway Extension	COR-09-001	\$1,400,000						\$1,400,000								
SW Plaza Parkway	COR-13-005	\$950,000						\$950,000								
SW Des Moines Street Drainage Improvements	COR-13-003	\$1,460,000						\$1,460,000								
Chautauqua Park Drainage Improvements	COR-13-004	\$150,000						\$150,000								
Promenade Park Development	PRK-09-003	\$575,000						\$575,000								
Chautauqua Park Development	PRK-10-001	\$160,000												\$160,000		
Miracle Park Project	PRK-13-003	\$78,000													\$78,000	
Hawkeye Park Sports Field Lighting	PRK-13-002	\$225,000												\$225,000		
SW Cherry Street Regional Trail Connection	SDW-12-001	\$355,000	\$55,000									\$300,000				
SE Creekview Drive Paving	STR-05-003	\$300,000						\$300,000								
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$1,400,000										\$1,400,000				
West 1st Street/State Street Intersection Improvements	STR-13-005	\$945,000	\$595,000									\$350,000				
		\$12,648,000	\$2,885,000	\$0	\$0	\$0	\$6,035,000	\$0	\$0	\$0	\$2,050,000	\$1,600,000	\$78,000			

2015 Bond Issue Project Costs	\$8,920,000
Issuance Costs/Discount/Contingency	\$150,000
Projected 2015 Bond Issue Total	\$9,070,000

City of Ankeny: 2013 - 2017 Capital Improvement Program

2016 CIP Projects by Funding Source

Project	Project #	2016	General Obligation Bonds						Revenue Bonds					
			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water	Sewer	Grant	Cash	Other	
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000											
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$230,000	\$230,000											
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000											\$400,000	
Annual Storm Water Replacement Program	STM-00-001	\$250,000											\$250,000	
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	\$480,000	\$480,000											
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$150,000											
Annual Street Replacement Program	STR-00-004	\$400,000	\$400,000											
Annual Traffic Signal Improvement Program	TRF-00-001	\$275,000	\$250,000										\$25,000	
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000											\$500,000	
The District at Prairie Trail	COR-07-001	\$1,500,000					\$1,500,000							
SW Des Moines Street/Parkway Extension	COR-09-001	\$2,800,000					\$2,800,000							
SW Des Moines Street Drainage Improvements	COR-13-003	\$1,200,000					\$1,200,000							
Prairie Ridge Sports Complex Field Lighting	PRK-09-001	\$250,000											\$125,000	\$125,000
SE Creekview Drive Paving	STR-05-003	\$1,500,000					\$1,500,000							
NE 36th Street Widening - I-35 to US 69	STR-11-003	\$800,000	\$400,000									\$400,000		
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$19,855,000										\$19,855,000		
SE Corporate Woods & SE Four Mile Drive Intersection	STR-13-001	\$79,700					\$79,700							
		\$31,419,700	\$2,660,000	\$0	\$0	\$0	\$7,079,700	\$0	\$0	\$0	\$20,255,000	\$1,300,000	\$125,000	

2016 Bond Issue Project Costs	\$9,739,700
Issuance Costs/Discount/Contingency	\$165,300
Projected 2016 Bond Issue Total	\$9,905,000

City of Ankeny: 2013 - 2017 Capital Improvement Program

2017 CIP Projects by Funding Source

Project	Project #	2017	General Obligation Bonds					Revenue Bonds			Grant	Cash	Other	
			Levy	Water	Sewer	Storm Water	TIF	Referendum	Water	Sewer				
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000											
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$260,000	\$260,000											
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000											\$400,000	
Annual Storm Water Replacement Program	STM-00-001	\$250,000											\$250,000	
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000											
Annual Asphalt Street Resurfacing Program	STR-00-002	\$450,000	\$450,000											
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$150,000											
Annual Street Replacement Program	STR-00-004	\$375,000	\$375,000											
Annual Traffic Signal Improvement Program	TRF-00-001	\$275,000	\$250,000										\$25,000	
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000											\$500,000	
SW Prairie Trail Parkway	COR-07-005	\$2,800,000					\$2,800,000							
SW Plaza Parkway	COR-13-005	\$950,000					\$950,000							
SW White Birch Drive	COR-13-006	\$1,200,000					\$1,200,000							
SW College Avenue	COR-13-007	\$450,000					\$450,000							
Promenade Park Development	PRK-09-003	\$1,000,000					\$1,000,000							
Prairie Ridge Sports Complex Field Lighting	PRK-09-001	\$160,000											\$80,000	\$80,000
Otter Creek Trunk Sewer Phase 3	SNS-11-001	\$1,401,500								\$1,401,500				
NE 36th Street Widening - I-35 to US 69	STR-11-003	\$2,765,000	\$2,765,000											
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$19,855,000										\$19,855,000		
SE Corporate Woods & SE Four Mile Drive Intersection	STR-13-001	\$520,000					\$520,000							
		\$34,511,500	\$5,000,000	\$0	\$0	\$0	\$6,920,000	\$0	\$0	\$1,401,500	\$19,855,000	\$1,255,000	\$80,000	

2017 Bond Issue Project Costs	\$11,920,000
Issuance Costs/Discount/Contingency	\$195,000
Projected 2017 Bond Issue Total	\$12,115,000

Proposed 2013-2022 Capital Improvements Plan

Projects By Year/Type														
Project	Project #	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Project Cost	Special Funding	Project Type
Annual Park Development Program	PRK-00-002	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$4,750,000	-	Park Facilities
Annual Sidewalk/Trail Construction Program	SDW-00-001	\$210,000	\$230,000	\$270,000	\$230,000	\$260,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$2,200,000	-	Sidewalks/Trails
Annual Sanitary Sewer Replacement Program	SNS-00-001	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,000,000	-	Sanitary Sewers
Annual Storm Water Replacement Program	STM-00-001	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$2,500,000	-	Storm Water
Annual PCC Street Patching Program	STR-00-001	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,000,000	-	Streets/Alleys
Annual Asphalt Street Resurfacing Program	STR-00-002	\$457,000	\$450,000	\$465,000	\$480,000	\$450,000	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000	\$4,302,000	-	Streets/Alleys
Annual Pavement Preservation Program	STR-00-003	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$1,500,000	-	Streets/Alleys
Annual Street Replacement Program	STR-00-004	\$350,000	\$450,000	\$350,000	\$400,000	\$375,000	\$350,000	\$350,000	\$350,000	\$350,000	\$350,000	\$3,675,000	-	Streets/Alleys
Annual Traffic Signal Improvement Program	TRF-00-001	\$260,000	\$280,000	\$315,000	\$275,000	\$275,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,905,000	-	Traffic Control
Annual Water Main Extension/Replacement Program	WTM-00-001	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,000,000	-	Water Mains
SE Delaware Sanitary Sewer Extension	SNS-13-001	\$200,000										\$200,000	TIF	Sanitary Sewers
The District at Prairie Trail	COR-07-001	\$600,000	\$1,200,000		\$1,500,000							\$3,300,000	TIF	Prairie Trail
SW Des Moines Street/Parkway Extension	COR-09-001	\$800,000	\$1,600,000	\$1,400,000	\$2,800,000							\$6,600,000	TIF	Prairie Trail
Prairie Trail Plaza Water Management Basin	COR-13-001	\$125,000										\$125,000	TIF	Prairie Trail
Promenade Park Development	PRK-09-003	\$175,000		\$575,000		\$1,000,000	\$1,000,000					\$2,750,000	TIF	Prairie Trail
Miracle Park Project	PRK-13-003	\$726,600	\$661,710	\$78,000								\$1,466,310	Private, H/M	Park Facilities
SE Area Sanitary Sewer Improvements	SNS-10-001	\$800,000	\$100,000									\$900,000	-	Sanitary Sewers
SE 4th & SE Wanda Area Storm Sewer Improvements	STM-10-001	\$100,000	\$700,000									\$800,000	-	Storm Water
Trib A to Four Mile Creek Channel Improvements	STM-11-001	\$712,206	\$233,010									\$945,216	-	Storm Water
North Creek Channel Improvements	STM-11-002	\$919,000										\$919,000	-	Storm Water
South Ankeny Boulevard Drainage Improvements	STM-12-002	\$330,000										\$330,000	IDOT	Storm Water
SW Walnut Street Uptown Revitalization	STR-12-006	\$60,000										\$60,000	Private	Streets/Alleys
SW Irivedale Drive Reconstruction - Phase 2	STR-12-007	\$5,070,000										\$5,070,000	TIF/RISE	Streets/Alleys
SW Irivedale Drive Reconstruction - Phase 3	STR-13-006	\$1,500,000										\$1,500,000	TIF	Streets/Alleys
NE Four Mile Drive Asphalt Paving - NE 18th Street to NE 36th Street	STR-13-003	\$450,000										\$450,000	County	Streets/Alleys
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	\$465,000		\$1,400,000	\$19,855,000	\$19,855,000						\$41,575,000	Federal, State, TIF	Streets/Alleys
West 1st Street/State Street Intersection Improvements	STR-13-005	\$15,000	\$70,000	\$945,000								\$1,030,000	IDOT	Streets/Alleys
NW 36th Street/Elementary #10 Improvements	STR-13-002	\$2,670,000										\$2,670,000	-	Streets/Alleys
SW Vintage Parkway	COR-07-004		\$1,950,000									\$1,950,000	TIF	Prairie Trail
SW Des Moines Street Trunk Sewer	COR-13-002		\$750,000									\$750,000	TIF	Prairie Trail
SW Des Moines Street Drainage Improvements	COR-13-003		\$80,000	\$1,460,000	\$1,200,000							\$2,740,000	TIF	Prairie Trail
Ankeny Market and Pavilion (AMP)	PRK-13-001		\$1,450,000									\$1,450,000	Private, H/M	Park Facilities
West Outfall Relief Sewer	SNS-12-002		\$1,316,000									\$1,316,000	-	Sanitary Sewers
NE 36th Street/I-35 Interchange	STR-08-002		\$25,155,745									\$25,155,745	Federal, MPO	Streets/Alleys
NE Elementary School Entrance/Turn Lane	STR-13-004		\$75,000									\$75,000	-	Streets/Alleys
SW Prairie Trail Parkway	COR-07-005			\$1,200,000		\$2,800,000	\$260,000					\$4,260,000	TIF	Prairie Trail
SW Plaza Parkway	COR-13-005			\$950,000		\$950,000						\$1,900,000	TIF	Prairie Trail
Chautauqua Park Drainage Improvements	COR-13-004			\$150,000			\$1,750,000					\$1,900,000	Civic	Prairie Trail
Chautauqua Park Development	PRK-10-001			\$160,000				\$2,000,000		\$4,000,000	\$3,000,000	\$9,160,000	Civic	Prairie Trail
Hawkeye Park Sports Field Lighting	PRK-13-002			\$225,000								\$225,000	Private, H/M	Park Facilities
SW Cherry Street Regional Trail Connection	SDW-12-001			\$355,000								\$355,000	MPO/REAP	Sidewalks/Trails
SE Creekview Drive Paving	STR-05-003			\$300,000	\$1,500,000							\$1,800,000	TIF	Streets/Alleys
Prairie Ridge Sports Complex Field Lighting	PRK-09-001				\$250,000	\$160,000						\$410,000	Private, H/M	Park Facilities
NE 36th St. Widening - I-35 to US 69	STR-11-003				\$800,000	\$2,765,000	\$1,985,000					\$5,550,000	MPO	Streets/Alleys
SE Corporate Woods & SE Four Mile Drive Intersection	STR-13-001				\$79,700	\$520,000						\$599,700	TIF	Streets/Alleys
SW White Birch Drive	COR-13-006					\$1,200,000						\$1,200,000	TIF	Prairie Trail
SW College Avenue	COR-13-007					\$450,000	\$1,500,000					\$1,950,000	TIF	Prairie Trail
Otter Creek Trunk Sewer Phase 3	SNS-11-001					\$1,401,500						\$1,401,500	-	Sanitary Sewers
West Trunk Sewer Extension	SNS-08-005						\$127,500					\$127,500	-	Sanitary Sewers
Park Land Acquisition Program	PRK-00-001						\$200,000	\$200,000	\$200,000			\$600,000	-	Park Facilities
Woodland Reserve Greenway Improvements	SDW-10-001						\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	-	Sidewalks/Trails
Park Maintenance Facility	BLD-06-005						\$600,000					\$600,000	-	Park Facilities
NW 13th Street/Rock Creek Reinforced Box Culvert	STM-07-001						\$625,000					\$625,000	-	Storm Water
SW State Street Streetscape	COR-13-008						\$650,000	\$500,000	\$600,000			\$1,750,000	TIF	Prairie Trail
SW Oralabor Road Feeder Main	WTM-08-001						\$1,102,000					\$1,102,000	-	Water Mains
Pedestrian Overpass of Collector Roadways	SDW-12-002						\$1,250,000		\$1,250,000		\$1,250,000	\$3,750,000	-	Streets/Alleys
NW 18th Street (NW Weigel to NW 35th St)	STR-07-002						\$1,500,000					\$1,500,000	-	Streets/Alleys
West 1st Street Storm Sewer Improvements	STM-16-001						\$2,500,000					\$2,500,000	-	Storm Water
NE 18th Street Improvements and I-35 Bridge	BRG-09-001						\$3,000,000	\$3,000,000				\$6,000,000	-	Bridge/Box Culvert
Fire Station #3	BLD-15-001							\$420,000	\$4,200,000			\$4,620,000	Referendum	Municipal Buildings
NE Delaware Ave Widening (5th to 18th)	STR-10-001							\$1,000,000	\$5,300,000			\$6,300,000	-	Streets/Alleys
Otter Creek Trunk Sewer Phase 4	SNS-12-001							\$2,242,000				\$2,242,000	-	Sanitary Sewers
Corporate Woods Drive Railroad Overpass	BRG-09-002							\$5,000,000				\$5,000,000	-	Bridge/Box Culvert
East 1st Street Widening - I-35 to NE Four Mile Drive	STR-18-001								\$4,600,000			\$4,600,000	-	Streets/Alleys
SW Ordance Road Connection	STR-18-002									\$1,500,000		\$1,500,000	-	Streets/Alleys
NW 18th Street (NW 35th Street to Highway 415)	STR-09-001								\$515,000	\$1,985,000		\$2,500,000	-	Streets/Alleys
NE Delaware Ave Widening (18th to 36th)	STR-15-001									\$650,000	\$5,350,000	\$6,000,000	-	Streets/Alleys

2013 - 2022 Annual Programs Capital Projects Total \$ 224,486,971

<u>Annual Sanitary Sewer Replacement Program (Fund 650)</u>	<u>Estimated</u> <u>2012</u>	<u>Projected</u> <u>2013</u>	<u>Projected</u> <u>2014</u>	<u>Projected</u> <u>2015</u>	<u>Projected</u> <u>2016</u>	<u>Projected</u> <u>2017</u>
Beginning Cash Balance	\$ 88,573	\$ 315,492	\$ 144,758	\$ 110,425	\$ 9,758	\$ 75,425
<u>Transfers In</u>						
Transfer from Sewer Fund	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
FEMA Reimbursement - Rock Creek	\$ 105,669					
Total Transfers In	\$ 505,669	\$ 400,000				
<u>Project Expenditures</u>						
Sanitary Sewer Oversizing		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Sanitary Sewer Spot Repairs			\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Sanitary Sewer Manhole Repairs			\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000
Sanitary Sewer Slip Lining Program			\$ 96,000	\$ 59,000	\$ 66,000	\$ 65,000
SW Southlawn Utility and Paving Replacement	\$ 200,000	\$ 28,333	\$ 213,333	\$ 290,000		
Sanitary Sewer Extension - OC Maintenance Facility	\$ 16,790					
Emergency Sanitary Sewer Repair - Diamond Hills	\$ 36,066					
Miscellaneous Projects	\$ 95					
SE Sharon Drive Relief Sanitary Sewer	\$ 25,800	\$ 197,400				
Sanitary Sewer Repair - Saylor Creek		\$ 70,000				
NE 7th Street Sanitary Sewer Replacement		\$ 150,000				
NW 36th Street/Elementary #10 Improvements		\$ 100,000				
SW 3rd Street Utility and Paving Replacement				\$ 26,667	\$ 143,333	\$ 127,667
Total Project Expenditures	\$ 278,751	\$ 570,733	\$ 434,333	\$ 500,667	\$ 334,333	\$ 317,667
Remaining Cash Balance	<u>\$ 315,492</u>	<u>\$ 144,758</u>	<u>\$ 110,425</u>	<u>\$ 9,758</u>	<u>\$ 75,425</u>	<u>\$ 157,758</u>

<u>Annual Storm Water Replacement Program (Fund 680)</u>	<u>Estimated</u> <u>2012</u>	<u>Projected</u> <u>2013</u>	<u>Projected</u> <u>2014</u>	<u>Projected</u> <u>2015</u>	<u>Projected</u> <u>2016</u>	<u>Projected</u> <u>2017</u>
Beginning Cash Balance	\$ (16,415)	\$ 26,872	\$ 49,559	\$ 26,872	\$ 26,872	\$ 26,872
<u>Transfers In</u>						
Transfer from Storm Water Fund	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
Storm Sewer Extension Cost Share	\$ 812					
Total Transfers In	\$ 250,812	\$ 250,000				
<u>Project Expenditures</u>						
Camden Wood Pond Improvements	\$ 14,897					
Cherry Glenn Pond Improvements	\$ 32,613					
Property Purchase - JCD, LTD	\$ 15,060					
Miscellaneous Projects	\$ 3,092					
North Growth Area Storm Water Study	\$ 21,800					
Four Mile Creek Bank Stabilization	\$ 42,313		\$ 222,687			
Hawkeye Pond Outlet Storm Sewer Replacement	\$ 77,750					
Deer Creek Plat 1 Storm Water Extension		\$ 85,940				
Ledgestone Plat 5 & 6 Cost Share		\$ 20,000				
Boulder Brook Storm Sewer Replacement				\$ 114,750		
Storm Water Conservation Design Features in City Parks		\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Storm Water Projects (TBD)		\$ 71,373		\$ 85,250	\$ 200,000	\$ 200,000
Total Project Expenditures	\$ 207,525	\$ 227,313	\$ 272,687	\$ 250,000	\$ 250,000	\$ 250,000
Remaining Cash Balance	<u>\$ 26,872</u>	<u>\$ 49,559</u>	<u>\$ 26,872</u>	<u>\$ 26,872</u>	<u>\$ 26,872</u>	<u>\$ 26,872</u>

<u>Annual Pavement Preservation Program (Fund 915)</u>	<u>Estimated</u> <u>2012</u>	<u>Projected</u> <u>2013</u>	<u>Projected</u> <u>2014</u>	<u>Projected</u> <u>2015</u>	<u>Projected</u> <u>2016</u>	<u>Projected</u> <u>2017</u>
Beginning Cash Balance	\$ 149,642	\$ 65,367	\$ 15,367	\$ 15,367	\$ 15,367	\$ 15,367
<u>Transfers In</u>						
General Obligation Bonds	\$ 150,000	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
Total Transfers In	\$ 150,000	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
<u>Project Expenditures</u>						
Otter Creek Maintenance Parking Lot	\$ 123,273					
2012 Pavement Preservation Program	\$ 111,003					
2013 Pavement Preservation Program		\$ 150,000				
2014 Pavement Preservation Program			\$ 150,000			
2015 Pavement Preservation Program				\$ 150,000		
2016 Pavement Preservation Program					\$ 150,000	
2017 Pavement Preservation Program						\$ 150,000
Total Project Expenditures	\$ 234,276	\$ 150,000				
Remaining Cash Balance	<u>\$ 65,367</u>	<u>\$ 15,367</u>				

<u>Annual Traffic Signal Improvement Program (Fund 965)</u>	<u>Estimated</u> <u>2012</u>	<u>Projected</u> <u>2013</u>	<u>Projected</u> <u>2014</u>	<u>Projected</u> <u>2015</u>	<u>Projected</u> <u>2016</u>	<u>Projected</u> <u>2017</u>
Beginning Cash Balance	\$ 616,530	\$ 538,162	\$ 278,162	\$ 248,162	\$ 183,162	\$ 158,162
<u>Transfers In</u>						
General Obligation Bonds	\$ 140,000	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
IDOT - Interconnect	\$ 400					
Total Transfers In	\$ 140,400	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000
<u>Project Expenditures</u>						
Miscellaneous Projects	\$ 3,493					
OC Fiber Optic Loop - Clubhouse to ASR #2	\$ 40,000					
NW 26th Street & IA 415 Traffic Engineering	\$ 29,000					
SW Irvinedale Drive and SW Woodbury - Signals	\$ 21,275					
NW State Street and NW Prairie Ridge Drive - Signals		\$ 200,000				
SW State Street from Oralabor south to NW 72nd Signals - Fiber Optic Cable		\$ 60,000				
SE Delaware and SE 8th at Mill Pond - Signals			\$ 200,000			
SW Oralabor Road from Irvinedale west to NW 26th Signals - Fiber Optic Cable			\$ 80,000			
NW Irvinedale Drive and NW 18th Street - Signals				\$ 250,000		
City Hall in Prairie Trail from SW State Street - Fiber Optic Cable				\$ 40,000		
SW Oralabor and SW Glenbrooke/Westwinds Boulevard - Signals					\$ 250,000	
SW Ordnance Road and SW 3rd Street - Signals						\$ 250,000
Engineering Services				\$ 25,000	\$ 25,000	\$ 25,000
Total Project Expenditures	\$ 93,768	\$ 260,000	\$ 280,000	\$ 315,000	\$ 275,000	\$ 275,000
Transfer Out - PCC Street Replacement	\$ 125,000					
Remaining Cash Balance	<u>\$ 538,162</u>	<u>\$ 278,162</u>	<u>\$ 248,162</u>	<u>\$ 183,162</u>	<u>\$ 158,162</u>	<u>\$ 133,162</u>

<u>Annual Water Main Extension/Replacement Program (Fund 610)</u>	<u>Estimated</u> <u>2012</u>	<u>Projected</u> <u>2013</u>	<u>Projected</u> <u>2014</u>	<u>Projected</u> <u>2015</u>	<u>Projected</u> <u>2016</u>	<u>Projected</u> <u>2017</u>
Beginning Cash Balance	\$ 316,584	\$ 648,665	\$ 145,332	\$ 106,999	\$ 106,999	\$ 106,999
<u>Transfers In</u>						
Transfer from Water Fund	\$ -	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
Transfer In of SW Oralabor Feeder Main	\$ 1,102,000					
Total Transfers In	\$ 1,102,000	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000
<u>Project Expenditures</u>						
Water Main Oversizing - Deer Creek	\$ 21,835					
Water Main Oversizing - Field Stream	\$ 23,691					
Water Main Oversizing - Johnson Brothers	\$ 1,311					
Water Main Oversizing - Ashland Point Townhomes Plat 3	\$ 8,030					
Water Main Oversizing - Trestle Point	\$ 15,950					
Water Main Oversizing - Woodland Reserve Plat 6	\$ 6,600					
Water Main Oversizing - The Grove	\$ 18,000	\$ 19,200				
Water Main Oversizing		\$ 55,800	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000
Water Main Extension - OC Maintenance Facility	\$ 11,480					
SW Ash Drive Area Water Main Improvements	\$ 463,021					
SW Southlawn Utility and Paving Replacement	\$ 200,000	\$ 28,333	\$ 213,333	\$ 290,000		
SW Maple Street Water Main Improvements		\$ 250,000	\$ 250,000			
NW 36th Street/Elementary #10 Improvements		\$ 150,000				
SW 3rd Street Utility and Paving Replacement				\$ 26,667	\$ 143,333	\$ 127,667
Replacement of 4" Water Mains w/ 8" Water Mains (TBD)				\$ 108,333	\$ 281,667	\$ 297,333
Total Project Expenditures	\$ 769,919	\$ 503,333	\$ 538,333	\$ 500,000	\$ 500,000	\$ 500,000
Remaining Cash Balance	<u>\$ 648,665</u>	<u>\$ 145,332</u>	<u>\$ 106,999</u>	<u>\$ 106,999</u>	<u>\$ 106,999</u>	<u>\$ 106,999</u>

Section 2

Projected 2013 Bond (2011 BAN) Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Fire Apparatus Replacement Program	Essential Corporate		1,100,000	
Annual Park Development Program	General Corporate		300,000	
Neal Smith Connector Bike Trail	General Corporate		400,000	
Annual Sidewalk/Trail Construction Program	General Corporate		136,000	
Annual PCC Street Patching Program	Essential Corporate		750,000	
Westwinds Ravine Stabilization	Essential Corporate		2,800,000	
SE 4th & SE Wanda Area Storm Sewer Improvements	Essential Corporate		1,400,000	
NE 36th Street Widening - I-35 to US 69	Essential Corporate		560,000	
Crosswinds Business Park Roads - Phase 1	Essential Corporate		3,210,000	
NE Delaware Avenue Widening - 5th Street to 18th Street	Essential Corporate		170,000	
Annual Asphalt Street Resurfacing Program	Essential Corporate		470,000	
Annual Pavement Preservation Program	Essential Corporate		150,000	
Annual Street Replacement Program	Essential Corporate		450,000	
North Ankeny Boulevard Widening - Segments 2 & 3	Essential Corporate		1,765,400	
Gay Lea Wilson Trail Extension	General Corporate		183,000	
East 1st Street/I-35 Interchange Reconstruction	Essential Corporate		125,000	
Annual Traffic Signal Improvement Program	Essential Corporate		250,000	
Annual Water Main Replacement Program	Essential Corporate		500,000	
The District at Prairie Trail	Essential Corporate		2,700,000	
SW Prairie Trail Parkway	Essential Corporate		150,000	
SW Magazine Road Extension	Essential Corporate		1,800,000	
		-	19,369,400	-
Total Project Cost for 2011 BAN Issue			19,369,400	
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	300,000	-
Operating/Construction Equipment	Essential Corporate	-	1,100,000	-
Parking Lots	Essential Corporate	-	-	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	583,000	-
Sanitary Sewer System Improvements	Essential Corporate	-	-	-
Sidewalk/Trail Improvements	General Corporate	-	136,000	-
Storm Water Facilities Improvements	Essential Corporate	-	4,200,000	-
Street Improvements	Essential Corporate	-	12,300,400	-
Traffic Signalization	Essential Corporate	-	250,000	-
Water System Improvements	Essential Corporate	-	500,000	-
		-	19,369,400	-
			19,369,400	
Essential Corporate Purpose		-	18,350,400	-
General Corporate Purpose		-	1,019,000	-
		-	19,369,400	-
			19,369,400	
2011 BAN Issue Sizing				
Total Project Cost for 2011 BAN Issue		-	19,369,400	-
Capitalized Interest/Issuance Costs/Premium/Contingency		-	550,600	-
Totals		-	19,920,000	-
Total 2011 BAN Issue			19,920,000	
Projected 2013 Bond Sizing				
2011 BAN Issue Redemption		-	19,920,000	-
Interest Expense (final BAN interest payment)		-	149,400	-
Issuance Costs/Discount/Contingency		-	265,600	-
Totals		-	20,335,000	-
Total 2013 Bond Issues (Series A, B, C)			20,335,000	

Projected 2014 Bond (2012 BAN) Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate		250,000	
Annual Pavement Preservation Program	Essential Corporate		150,000	
Annual PCC Street Patching Program	Essential Corporate		500,000	
Annual Sidewalk/Trail Construction Program	General Corporate		95,000	
Annual Street Replacement Program	Essential Corporate		350,000	
Annual Traffic Signal Improvement Program	Essential Corporate		140,000	
Annual Asphalt Street Resurfacing Program	Essential Corporate		406,000	
Gay-Lea Wilson Trail Extension	General Corporate		467,580	
NE 36th Street Widening - I-35 to US 69	Essential Corporate		3,180,000	
East 1st Street/I-35 Interchange Improvements	Essential Corporate		377,450	
North Creek Channel Improvements	Essential Corporate		1,059,500	
NW State Street Widening - 18th Street to 36th Street	Essential Corporate		1,600,000	
SE Oralabor & Peachtree Drive Intersection Improvements	Essential Corporate		373,000	
SE 4th & SE Wanda Area Storm Sewer Improvements	Essential Corporate		1,165,040	
South Ankeny Boulevard Drainage Improvements	Essential Corporate		50,000	
SW Irvinedale Drive Reconstruction	Essential Corporate		4,200,000	
SW Irvinedale Drive Trail - SW Woodbury to SW 18th	General Corporate		145,000	
SW Walnut Street Uptown Revitalization	Essential Corporate		53,000	
Trib A to Four Mile Creek Channel Improvements	Essential Corporate		671,034	
Total Project Cost for 2012 BAN Issue		-	15,232,604	-
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	250,000	-
Parking Lots	Essential Corporate	-	-	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	467,580	-
Sanitary Sewer System Improvements	Essential Corporate	-	-	-
Sidewalk/Trail Improvements	General Corporate	-	240,000	-
Storm Water Facilities Improvements	Essential Corporate	-	2,945,574	-
Street Improvements	Essential Corporate	-	10,816,450	-
Traffic Signalization	Essential Corporate	-	513,000	-
Water System Improvements	Essential Corporate	-	-	-
		-	15,232,604	-
		15,232,604		
Essential Corporate Purpose		-	14,275,024	-
General Corporate Purpose		-	957,580	-
		-	15,232,604	-
		15,232,604		
2012 BAN Issue Sizing				
Total Project Cost for 2012 BAN Issue		-	15,232,604	-
Capitalized Interest/Issuance Costs/Premium/Contingency		-	217,396	-
Totals		-	15,450,000	-
Total 2012 BAN Issue		15,450,000		
Projected 2014 Bond Sizing				
2012 BAN Issue Redemption		-	15,450,000	-
Interest Expense (final BAN interest payment)		-	154,500	-
Issuance Costs/Discount/Contingency		-	165,500	-
Totals		-	15,770,000	-
Total 2014 Bond Issues (Series A, B, C)		15,770,000		

Projected 2013 Bond Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate	-	250,000	-
Annual Sidewalk/Trail Construction Program	General Corporate	-	210,000	-
Annual PCC Street Patching Program	Essential Corporate	-	500,000	-
Annual Asphalt Street Resurfacing Program	Essential Corporate	-	457,000	-
Annual Pavement Preservation Program	Essential Corporate	-	100,000	-
Annual Street Replacement Program	Essential Corporate	-	350,000	-
SE Delaware Sanitary Sewer Extension	Essential Corporate	-	200,000	-
The District at Prairie Trail	Essential Corporate	-	600,000	-
SW Des Moines Street/Parkway Extension	Essential Corporate	-	800,000	-
Prairie Trail Plaza Water Management Basin	Essential Corporate	-	125,000	-
Promenade Park Development	General Corporate	-	175,000	-
SE 4th & SE Wanda Area Storm Sewer Improvments	Essential Corporate	-	100,000	-
Trib A to Four Mile Creek Channel Improvements	Essential Corporate	-	712,206	-
North Creek Channel Improvements	Essential Corporate	-	919,000	-
Sourth Ankeny Boulevard Drainage Improvements	Essential Corporate	-	222,000	-
SW Irvinedale Drive Reconstruction - Phase 2	Essential Corporate	-	2,470,000	-
SW Irvinedale Drive Reconstruction - Phase 3	Essential Corporate	-	1,500,000	-
NE Four Mile Drive Asphalt Paving - NE 18th Street to NE 36th Street	Essential Corporate	-	225,000	-
East 1st Street/I-35 Interchange Reconstruction	Essential Corporate	-	465,000	-
NW 36th Street/Elementary #10 Improvements	Essential Corporate	-	2,420,000	-
Total Project Cost for 2013 Bond Issue		-	12,800,206	-
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	425,000	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	-	-
Storm Water Facilities Improvements	Essential Corporate	-	2,078,206	-
Sanitary Sewer System Improvements	Essential Corporate	-	200,000	-
Sidewalk/Trail Improvements	General Corporate	-	210,000	-
Street Improvements	Essential Corporate	-	9,887,000	-
Traffic Signalization	Essential Corporate	-	-	-
Water System Improvements	Essential Corporate	-	-	-
		-	12,800,206	-
		-	12,800,206	-
Essential Corporate Purpose		-	12,165,206	-
General Corporate Purpose		-	635,000	-
		-	12,800,206	-
		-	12,800,206	-
2013 Bond Issue Sizing				
Total Project Cost for 2013 Bond Issue		-	12,800,206	-
Issuance Costs/Discount/Contingency		-	209,794	-
Totals		-	13,010,000	-
Total 2013 Bond Issues (Series A, B, C)		-	13,010,000	-

Projected 2014 Bond Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate	-	250,000	-
Annual Sidewalk/Trail Construction Program	General Corporate	-	230,000	-
Annual PCC Street Patching Program	Essential Corporate	-	500,000	-
Annual Asphalt Street Resurfacing Program	Essential Corporate	-	450,000	-
Annual Pavement Preservation Program	Essential Corporate	-	150,000	-
Annual Street Replacement Program	Essential Corporate	-	450,000	-
Annual Traffic Signal Improvement Program	Essential Corporate	-	250,000	-
The District at Prairie Trail	Essential Corporate	-	1,200,000	-
SW Vintage Parkway	Essential Corporate	-	1,950,000	-
SW Des Moines Street/Parkway Extension	Essential Corporate	-	1,600,000	-
SW Des Moines Street Trunk Sewer	Essential Corporate	-	750,000	-
SW Des Moines Street Drainage Improvements	Essential Corporate	-	80,000	-
SE 4th & SE Wanda Area Storm Sewer Improvements	Essential Corporate	-	700,000	-
Trib A to Four Mile Creek Channel Improvements	Essential Corporate	-	233,010	-
NE 36th Street/I-35 Interchange	Essential Corporate	-	7,826,796	-
NE Elementary School Entrance/Turn Lane	Essential Corporate	-	75,000	-
West 1st Street/State Street Intersection Improvements	Essential Corporate	-	70,000	-
		-	16,764,806	-
Total Project Cost for 2014 Bond Issue			16,764,806	
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	250,000	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	-	-
Storm Water Facilities Improvements	Essential Corporate	-	1,013,010	-
Sanitary Sewer System Improvements	Essential Corporate	-	750,000	-
Sidewalk/Trail Improvements	General Corporate	-	230,000	-
Street Improvements	Essential Corporate	-	14,271,796	-
Traffic Signalization	Essential Corporate	-	250,000	-
Water System Improvements	Essential Corporate	-	-	-
		-	16,764,806	-
			16,764,806	
Essential Corporate Purpose		-	16,284,806	-
General Corporate Purpose		-	480,000	-
		-	16,764,806	-
			16,764,806	
2014 Bond Issue Sizing				
Total Project Cost for 2014 Bond Issue		-	16,764,806	-
Issuance Costs/Discount/Contingency		-	260,194	-
Totals		-	17,025,000	-
Total 2014 Bond Issues (Series A, B, C)			17,025,000	

Projected 2015 Bond Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate	-	250,000	-
Annual Sidewalk/Trail Construction Program	General Corporate	-	270,000	-
Annual PCC Street Patching Program	Essential Corporate	-	500,000	-
Annual Asphalt Street Resurfacing Program	Essential Corporate	-	465,000	-
Annual Pavement Preservation Program	Essential Corporate	-	150,000	-
Annual Street Replacement Program	Essential Corporate	-	350,000	-
Annual Traffic Signal Improvement Program	Essential Corporate	-	250,000	-
SW Prairie Trail Parkway	Essential Corporate	-	1,200,000	-
SW Des Moines Street/Parkway Extension	Essential Corporate	-	1,400,000	-
SW Plaza Parkway	Essential Corporate	-	950,000	-
SW Des Moines Street Drainage Improvements	Essential Corporate	-	1,460,000	-
Chautauqua Park Drainage Improvements	Essential Corporate	-	150,000	-
Promenade Park Development	General Corporate	-	575,000	-
SW Cherry Street Regional Trail Connection	General Corporate	-	55,000	-
SE Creekview Drive Paving	Essential Corporate	-	300,000	-
West 1st Street/State Street Intersection Improvements	Essential Corporate	-	595,000	-
		-	8,920,000	-
Total Project Cost for 2015 Bond Issue			8,920,000	
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	825,000	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	-	-
Storm Water Facilities Improvements	Essential Corporate	-	1,610,000	-
Sanitary Sewer System Improvements	Essential Corporate	-	-	-
Sidewalk/Trail Improvements	General Corporate	-	325,000	-
Street Improvements	Essential Corporate	-	5,910,000	-
Traffic Signalization	Essential Corporate	-	250,000	-
Water System Improvements	Essential Corporate	-	-	-
		-	8,920,000	-
			8,920,000	
Essential Corporate Purpose		-	7,770,000	-
General Corporate Purpose		-	1,150,000	-
		-	8,920,000	-
			8,920,000	
2015 Bond Issue Sizing				
Total Project Cost for 2015 Bond Issue		-	8,920,000	-
Issuance Costs/Discount/Contingency		-	150,000	-
Totals		-	9,070,000	-
Total 2015 Bond Issues (Series A, B, C)			9,070,000	

Projected 2016 Bond Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate	-	250,000	-
Annual Sidewalk/Trail Construction Program	General Corporate	-	230,000	-
Annual PCC Street Patching Program	Essential Corporate	-	500,000	-
Annual Asphalt Street Resurfacing Program	Essential Corporate	-	480,000	-
Annual Pavement Preservation Program	Essential Corporate	-	150,000	-
Annual Street Replacement Program	Essential Corporate	-	400,000	-
Annual Traffic Signal Improvement Program	Essential Corporate	-	250,000	-
The District at Prairie Trail	Essential Corporate	-	1,500,000	-
SW Des Moines Street/Parkway Extension	Essential Corporate	-	2,800,000	-
SW Des Moines Street Drainage Improvemtns	Essential Corporate	-	1,200,000	-
SE Creekview Drive Paving	Essential Corporate	-	1,500,000	-
NE 36th Street Widening - I-35 to US 69	Essential Corporate	-	400,000	-
SE Corporate Woods & SE Four Mile Drive Intersection	Essential Corporate	-	79,700	-
		-	9,739,700	-
Total Project Cost for 2016 Bond Issue		9,739,700		
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	250,000	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	-	-
Storm Water Facilities Improvements	Essential Corporate	-	1,200,000	-
Sanitary Sewer System Improvements	Essential Corporate	-	-	-
Sidewalk/Trail Improvements	General Corporate	-	230,000	-
Street Improvements	Essential Corporate	-	7,809,700	-
Traffic Signalization	Essential Corporate	-	250,000	-
Water System Improvements	Essential Corporate	-	-	-
		-	9,739,700	-
		9,739,700		
Essential Corporate Purpose		-	9,259,700	-
General Corporate Purpose		-	480,000	-
		-	9,739,700	-
		9,739,700		
<u>2016 Bond Issue Sizing</u>				
Total Project Cost for 2016 Bond Issue		-	9,739,700	-
Issuance Costs/Discount/Contingency		-	165,300	-
Totals		-	9,905,000	-
Total 2016 Bond Issues (Series A, B, C)		9,905,000		

Projected 2017 Bond Summary

Project Title	Project Purpose	Series A (10 yr bond)	Series B (15 yr bond)	Series C (20 yr bond)
Annual Park Development Program	General Corporate	-	250,000	-
Annual Sidewalk/Trail Construction Program	General Corporate	-	260,000	-
Annual PCC Street Patching Program	Essential Corporate	-	500,000	-
Annual Asphalt Street Resurfacing Program	Essential Corporate	-	450,000	-
Annual Pavement Preservation Program	Essential Corporate	-	150,000	-
Annual Street Replacement Program	Essential Corporate	-	375,000	-
Annual Traffic Signal Improvement Program	Essential Corporate	-	250,000	-
SW Prairie Trail Parkway	Essential Corporate	-	2,800,000	-
SW Plaza Parkway	Essential Corporate	-	950,000	-
SW White Birch Drive	Essential Corporate	-	1,200,000	-
SW College Avenue	Essential Corporate	-	450,000	-
Promenade Park Development	General Corporate	-	1,000,000	-
NE 36th Street Widening - I-35 to US 69	Essential Corporate	-	2,765,000	-
SE Corporate Woods & SE Four Mile Drive Intersection	Essential Corporate	-	520,000	-
Total Project Cost for 2017 Bond Issue		-	11,920,000	-
Bridge/Culvert Construction	Essential Corporate	-	-	-
Improvements to Park Land Already Owned	General Corporate	-	1,250,000	-
Park Land Acquisition	General Corporate	-	-	-
Unique Improvements to Existing Park Facilities	General Corporate	-	-	-
Storm Water Facilities Improvements	Essential Corporate	-	-	-
Sanitary Sewer System Improvements	Essential Corporate	-	-	-
Sidewalk/Trail Improvements	General Corporate	-	260,000	-
Street Improvements	Essential Corporate	-	10,160,000	-
Traffic Signalization	Essential Corporate	-	250,000	-
Water System Improvements	Essential Corporate	-	-	-
		-	11,920,000	-
			11,920,000	
Essential Corporate Purpose		-	10,410,000	-
General Corporate Purpose		-	1,510,000	-
		-	11,920,000	-
			11,920,000	
2017 Bond Issue Sizing				
Total Project Cost for 2017 Bond Issue		-	11,920,000	-
Issuance Costs/Discount/Contingency		-	195,000	-
Totals		-	12,115,000	-
Total 2017 Bond Issues (Series A, B, C)			12,115,000	

City of Ankeny, Iowa

Financial Planning for Capital Projects
 Projection of Tax Levies & Tax Rate Impact
 Assumes the elimination of BANs

Projected Debt Service Levy Impact	
Tax Impact for FY 12-13:	\$0.85100
Tax Impact for FY 13-14:	
Tax Impact for FY 14-15:	
Tax Impact for FY 15-16:	
Tax Impact for FY 16-17:	

City's Capital Improvement Program payable by the Debt Service Levy Only																				
Fiscal Year	Total Tax Valuation	Tax Valuation Growth	Taxes Levied	Debt Levy	Utility/TIF Abatement	Total Resources	Par Proceeds	Existing GO Debt	Refund	Refund	New Money	Bond Fees	Other Uses	Total Uses	Surplus/(Deficit)	Ending Fund Balance				
									2011/2013 2011B BAN	2012/2014 2012C BAN	2013 CIP-Taxes	2014 CIP-Taxes	2015 CIP-Taxes	2016 CIP-Taxes	2017 CIP-Taxes					
2008 - 2009	1,843,425,371		5,124,907	\$2.7801	4,644,032	11,894,375	10,645,497									5,650	2,809	12,918,956	(1,024,580)	2,009,317
2009 - 2010	1,987,115,633	7.79%	6,952,918	\$3.4990	4,786,150	13,836,296	10,718,707									4,550	508	12,948,765	887,530	2,896,847
2010 - 2011	2,100,820,426	5.72%	7,350,771	\$3.4990	5,737,551	16,070,893	13,404,592									3,875	2,963	16,416,429	(345,537)	2,551,310
2011 - 2012	2,194,249,206	4.45%	7,677,678	\$3.4990	5,706,470	13,384,148	13,705,574									5,700	(8,693)	13,702,581	(318,433)	2,232,877
2012 - 2013	2,234,955,340	1.86%	9,722,055	\$4.3500	5,992,209	15,714,263	15,233,103									5,500		15,238,603	475,660	2,708,537
2013 - 2014	2,322,482,097	3.92%	10,102,796	\$4.3500	5,857,665	15,960,461	14,875,806	918,454		130,696						5,500		15,930,456	30,005	2,738,542
2014 - 2015	2,366,609,257	1.90%	10,294,749	\$4.3500	5,432,535	15,727,284	13,975,136	555,523	710,486	400,643	350,859					5,500		15,998,146	(270,862)	2,467,680
2015 - 2016	2,411,574,833	1.90%	10,490,350	\$4.3500	5,427,352	15,917,702	14,040,666	553,503	692,938	405,603	323,870	103,751				5,500		16,125,830	(208,128)	2,259,552
2016 - 2017	2,457,394,755	1.90%	10,689,666	\$4.3500	5,328,332	16,017,998	14,113,595	556,393	693,303	405,383	423,870	95,770	113,000			5,500		16,406,812	(388,814)	1,870,738
2017 - 2018	2,504,085,255	1.90%	10,892,770	\$4.3500	4,871,292	15,764,062	13,456,310	554,103	688,463	405,073	421,820	95,770	204,308	477,848		5,500		16,309,193	(545,131)	1,325,607
2018 - 2019	2,551,662,875	1.90%	11,010,044	\$4.3149	3,000,289	14,010,333	10,391,880	551,723	688,520	404,673	419,770	375,770	231,258	463,393		5,500		14,010,333		1,325,607
2019 - 2020	2,600,144,469	1.90%	9,118,795	\$3.5070	2,565,090	11,683,885	6,913,850	553,008	693,373	403,268	1,187,720	293,630	232,293	460,005		5,500		11,683,885		1,325,607
2020 - 2021	2,649,547,214	1.90%	9,458,269	\$3.5698	2,565,928	12,024,197	6,956,376	553,233	691,388	401,138	1,177,275	183,403	193,175	461,465		5,500		12,024,197		1,325,607
2021 - 2022	2,699,888,611	1.90%	9,621,334	\$3.5636	1,974,020	11,595,354	4,805,639	552,140	693,128	403,105	1,319,835	830,553	660,125	462,620		5,500		11,595,354		1,325,607
2022 - 2023	2,751,186,495	1.90%	9,605,992	\$3.4916	1,981,395	11,587,387	4,851,201	555,125	693,148	404,330	1,335,575	722,678	231,030	463,470		5,500		11,587,387		1,325,607

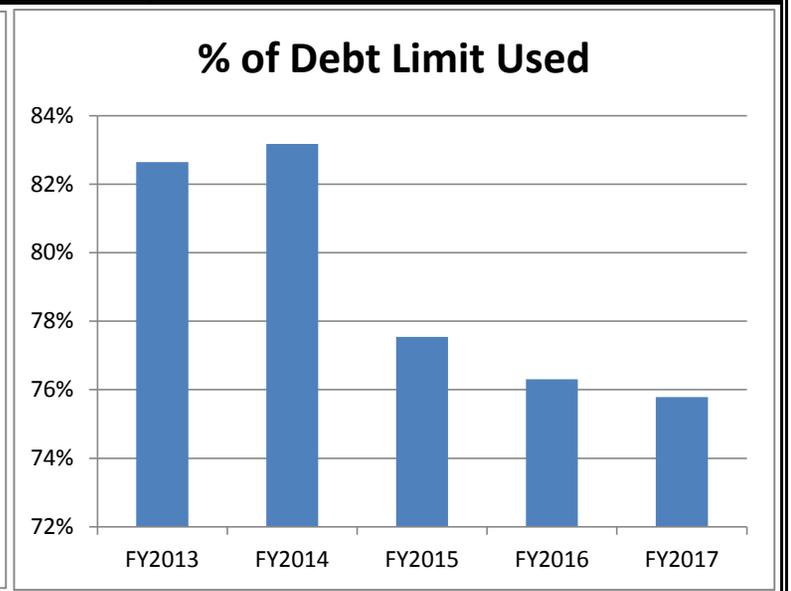
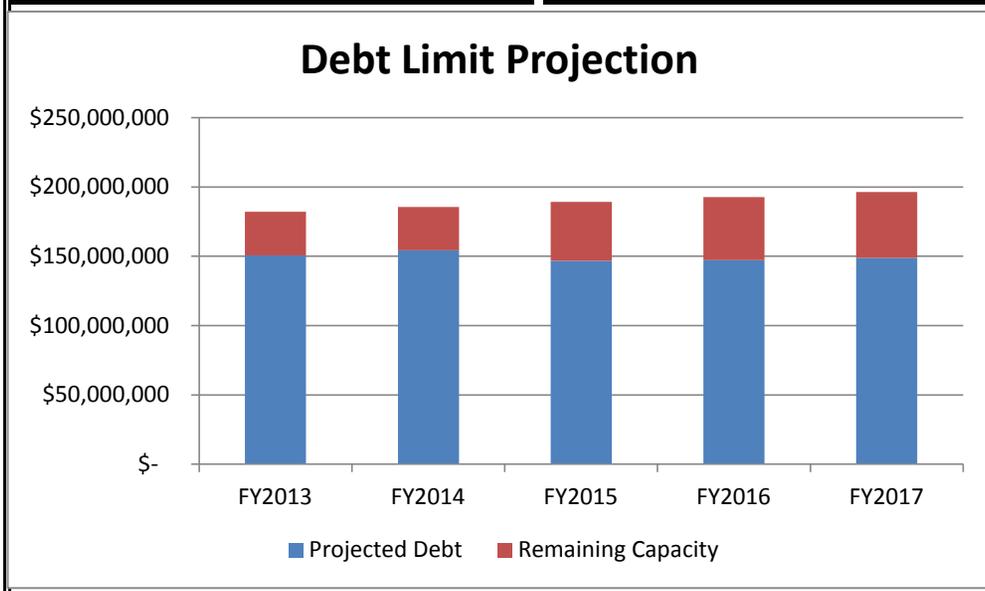
Debt Limit Projection

Based on Constitutional Limit - 5% of Assessed Valuation

Outstanding Debt		
Issue Date	Maturity Date	Outstanding Debt
05/27/05	06/01/13	\$ 1,235,000
05/30/06	06/01/17	\$ 3,150,000
05/30/07	06/01/18	\$ 8,450,000
05/15/08	06/01/19	\$ 8,845,000
05/15/08	06/01/28	\$ 21,825,000
04/08/09	06/01/28	\$ 2,631,000
05/15/09	06/01/28	\$ 27,050,000
05/15/10	06/01/21	\$ 6,000,000
05/15/11	06/01/13	\$ 19,920,000
05/15/11	06/01/26	\$ 13,250,000
05/15/11	06/01/14	\$ 1,955,000
08/15/11	06/01/16	\$ 400,000
05/30/12	06/01/27	\$ 11,160,000
05/30/12	06/01/14	\$ 15,450,000
05/30/12	06/01/18	\$ 6,665,000
Lease/Purchase (Annual)		\$ 322,131
Total Outstanding Debt		\$ 148,308,131

Projected Debt						
Bond Year	Debt Addition		Debt Reduction		Net Change	
	Bond	BAN	Bond	BAN		
2013	\$ 33,345,000	\$ -	\$ 11,161,000	\$ 19,920,000	\$ 2,264,000	
2014	\$ 32,795,000	\$ -	\$ 11,249,000	\$ 15,450,000	\$ 6,096,000	
2015	\$ 9,070,000	\$ -	\$ 10,699,000	\$ -	\$ (1,629,000)	
2016	\$ 9,905,000	\$ -	\$ 11,118,000	\$ -	\$ (1,213,000)	
2017	\$ 12,115,000	\$ -	\$ 11,562,000	\$ -	\$ 553,000	

City Assessed Valuation (+3% Annually)			Debt Limit Projection		
FY	Assessed Value	Debt Limit Value	Projected Debt	Remaining Capacity	% of Debt Limit
FY2013	\$ 3,643,550,680	\$ 182,177,534.00	\$ 150,572,131	\$ 31,605,403.00	83%
FY2014	\$ 3,712,778,143	\$ 185,638,907.15	\$ 154,404,131	\$ 31,234,776.15	83%
FY2015	\$ 3,783,320,928	\$ 189,166,046.38	\$ 146,679,131	\$ 42,486,915.38	78%
FY2016	\$ 3,855,204,025	\$ 192,760,201.26	\$ 147,095,131	\$ 45,665,070.26	76%
FY2017	\$ 3,928,452,902	\$ 196,422,645.09	\$ 148,861,131	\$ 47,561,514.09	76%



Section 3

City of Ankeny, Iowa
Capital Improvement Plan
2013 thru **2017**

CATEGORY SUMMARY

Category	2013	2014	2015	2016	2017	Total
Bridge/Box Culvert						
Corridor Development	1,400,000	4,750,000	2,600,000	4,300,000	2,800,000	15,850,000
Municipal Buildings						
Park Facilities	1,151,600	2,361,710	1,288,000	500,000	1,410,000	6,711,310
Sanitary Sewers	1,400,000	2,566,000	400,000	400,000	1,801,500	6,567,500
Sidewalks/Trails	210,000	230,000	625,000	230,000	260,000	1,555,000
Storm Water Facilities	2,436,206	1,263,010	1,860,000	1,450,000	250,000	7,259,216
Streets and Alleys	11,687,000	26,850,745	5,060,000	23,764,700	27,215,000	94,577,445
Traffic Control	260,000	280,000	315,000	275,000	275,000	1,405,000
Water Mains	500,000	500,000	500,000	500,000	500,000	2,500,000
TOTAL	19,044,806	38,801,465	12,648,000	31,419,700	34,511,500	136,425,471

City of Ankeny, Iowa
Capital Improvement Plan
 2013 thru 2017

PROJECTS BY CATEGORY

Category	Project#	Priority	2013	2014	2015	2016	2017	Total
Corridor Development								
The District at Prairie Trail	COR-07-001	1	600,000	1,200,000		1,500,000		3,300,000
SW Vintage Parkway	COR-07-004	3		1,950,000				1,950,000
SW Prairie Trail Parkway	COR-07-005	2			1,200,000		2,800,000	4,000,000
SW Des Moines Street/Parkway Extension	COR-09-001	2	800,000	1,600,000	1,400,000	2,800,000		6,600,000
Corridor Development Total			1,400,000	4,750,000	2,600,000	4,300,000	2,800,000	15,850,000
Park Facilities								
Annual Park Development Program	PRK-00-002	2	250,000	250,000	250,000	250,000	250,000	1,250,000
Prairie Ridge Sports Complex Field Lighting	PRK-09-001	4				250,000	160,000	410,000
Promenade Park Development	PRK-09-003	1	175,000		575,000		1,000,000	1,750,000
Chautauqua Park Development	PRK-10-001	2			160,000			160,000
Ankeny Market and Pavilion (AMP)	PRK-13-001	4		1,450,000				1,450,000
Hawkeye Park Sports Field Lighting	PRK-13-002	3			225,000			225,000
Miracle Park Project	PRK-13-003	1	726,600	661,710	78,000			1,466,310
Park Facilities Total			1,151,600	2,361,710	1,288,000	500,000	1,410,000	6,711,310
Sanitary Sewers								
SW Des Moines Street Trunk Sewer	COR-13-002	3		750,000				750,000
Annual Sanitary Sewer Replacement Program	SNS-00-001	2	400,000	400,000	400,000	400,000	400,000	2,000,000
SE Area Sanitary Sewer Improvements	SNS-10-001	2	800,000	100,000				900,000
Otter Creek Trunk Sewer Phase 3	SNS-11-001	4					1,401,500	1,401,500
West Outfall Relief Sewer	SNS-12-002	3		1,316,000				1,316,000
SE Delaware Sanitary Sewer Extension	SNS-13-001	2	200,000					200,000
Sanitary Sewers Total			1,400,000	2,566,000	400,000	400,000	1,801,500	6,567,500
Sidewalks/Trails								
Annual Sidewalk/Trail Construction Program	SDW-00-001	2	210,000	230,000	270,000	230,000	260,000	1,200,000
SW Cherry Street Regional Trail Connection	SDW-12-001	3			355,000			355,000
Sidewalks/Trails Total			210,000	230,000	625,000	230,000	260,000	1,555,000
Storm Water Facilities								
Prairie Trail Plaza Water Management Basin	COR-13-001	2	125,000					125,000
SW Des Moines Street Drainage Improvements	COR-13-003	3		80,000	1,460,000	1,200,000		2,740,000
Chautauqua Park Drainage Improvements	COR-13-004	3			150,000			150,000

Category	Project#	Priority	2013	2014	2015	2016	2017	Total
Annual Storm Water Replacement Program	STM-00-001	2	250,000	250,000	250,000	250,000	250,000	1,250,000
SE 4th and SE Wanda Area Storm Sewer Improvements	STM-10-001	3	100,000	700,000				800,000
Trib A to Four Mile Creek Channel Improvements	STM-11-001	2	712,206	233,010				945,216
North Creek Channel Improvements	STM-11-002	4	919,000					919,000
South Ankeny Boulevard Drainage Improvements	STM-12-002	2	330,000					330,000
Storm Water Facilities Total			2,436,206	1,263,010	1,860,000	1,450,000	250,000	7,259,216

Streets and Alleys

SW Plaza Parkway	COR-13-005	3			950,000		950,000	1,900,000
SW White Birch Drive	COR-13-006	4				1,200,000		1,200,000
SW College Avenue	COR-13-007	4				450,000		450,000
Annual PCC Street Patching Program	STR-00-001	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Annual Asphalt Street Resurfacing Program	STR-00-002	2	457,000	450,000	465,000	480,000	450,000	2,302,000
Annual Pavement Preservation Program	STR-00-003	1	150,000	150,000	150,000	150,000	150,000	750,000
Annual Street Replacement Program	STR-00-004	2	350,000	450,000	350,000	400,000	375,000	1,925,000
SE Creekview Drive Paving	STR-05-003	3			300,000	1,500,000		1,800,000
NE 36th Street/I-35 Interchange	STR-08-002	1		25,155,745				25,155,745
NE 36th Street Widening - I-35 to US 69	STR-11-003	3				800,000	2,765,000	3,565,000
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	2	465,000		1,400,000	19,855,000	19,855,000	41,575,000
SW Walnut Street Uptown Revitalization	STR-12-006	3	60,000					60,000
SW Irvinedale Drive Reconstruction - Phase 2	STR-12-007	2	5,070,000					5,070,000
SE Corporate Woods & SE Four Mile Intersection	STR-13-001	3				79,700	520,000	599,700
NW 36th Street/Elementary #10 Improvements	STR-13-002	2	2,670,000					2,670,000
NE Four Mile Drive Asphalt Paving - 18th to 36th	STR-13-003	2	450,000					450,000
NE Elementary School Entrance/Turn Lane	STR-13-004	3		75,000				75,000
W 1st & State Intersection Improvements	STR-13-005	2	15,000	70,000	945,000			1,030,000
SW Irvinedale Drive Reconstruction - Phase 3	STR-13-006	2	1,500,000					1,500,000
Streets and Alleys Total			11,687,000	26,850,745	5,060,000	23,764,700	27,215,000	94,577,445

Traffic Control

Annual Traffic Signal Improvement Program	TRF-00-001	3	260,000	280,000	315,000	275,000	275,000	1,405,000
Traffic Control Total			260,000	280,000	315,000	275,000	275,000	1,405,000

Water Mains

Annual Water Main Extension/Replacement Program	WTM-00-001	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Water Mains Total			500,000	500,000	500,000	500,000	500,000	2,500,000

GRAND TOTAL

19,044,806	38,801,465	12,648,000	31,419,700	34,511,500	136,425,471
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City of Ankeny, Iowa
Capital Improvement Plan
 2013 thru 2017

PROJECTS BY YEAR

Project Name	Department	Project #	Priority	Project Cost
2013				
Annual Park Development Program	Parks and Recreation	PRK-00-002	2	250,000
Promenade Park Development	Parks and Recreation	PRK-09-003	1	175,000
Miracle Park Project	Parks and Recreation	PRK-13-003	1	726,600
Annual Sidewalk/Trail Construction Program	Parks and Recreation	SDW-00-001	2	210,000
The District at Prairie Trail	Prairie Trail Development	COR-07-001	1	600,000
SW Des Moines Street/Parkway Extension	Prairie Trail Development	COR-09-001	2	800,000
Prairie Trail Plaza Water Management Basin	Public Works	COR-13-001	2	125,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2	500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	2	457,000
Annual Pavement Preservation Program	Public Works	STR-00-003	1	150,000
Annual Street Replacement Program	Public Works	STR-00-004	2	350,000
East 1st Street/I-35 Interchange Reconstruction	Public Works	STR-11-004	2	465,000
SW Walnut Street Uptown Revitalization	Public Works	STR-12-006	3	60,000
SW Irvinedale Drive Reconstruction - Phase 2	Public Works	STR-12-007	2	5,070,000
NW 36th Street/Elementary #10 Improvements	Public Works	STR-13-002	2	2,670,000
NE Four Mile Drive Asphalt Paving - 18th to 36th	Public Works	STR-13-003	2	450,000
W 1st & State Intersection Improvements	Public Works	STR-13-005	2	15,000
SW Irvinedale Drive Reconstruction - Phase 3	Public Works	STR-13-006	2	1,500,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	3	260,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2	400,000
SE Area Sanitary Sewer Improvements	Sewer Utility	SNS-10-001	2	800,000
SE Delaware Sanitary Sewer Extension	Sewer Utility	SNS-13-001	2	200,000
Annual Storm Water Replacement Program	Stormwater Utility	STM-00-001	2	250,000
SE 4th and SE Wanda Area Storm Sewer Improvements	Stormwater Utility	STM-10-001	3	100,000
Trib A to Four Mile Creek Channel Improvements	Stormwater Utility	STM-11-001	2	712,206
North Creek Channel Improvements	Stormwater Utility	STM-11-002	4	919,000
South Ankeny Boulevard Drainage Improvements	Stormwater Utility	STM-12-002	2	330,000
Annual Water Main Extension/Replacement Program	Water Utility	WTM-00-001	2	500,000
Total for 2013				19,044,806
2014				
Annual Park Development Program	Parks and Recreation	PRK-00-002	2	250,000
Ankeny Market and Pavilion (AMP)	Parks and Recreation	PRK-13-001	4	1,450,000
Miracle Park Project	Parks and Recreation	PRK-13-003	1	661,710
Annual Sidewalk/Trail Construction Program	Parks and Recreation	SDW-00-001	2	230,000
The District at Prairie Trail	Prairie Trail Development	COR-07-001	1	1,200,000
SW Vintage Parkway	Prairie Trail Development	COR-07-004	3	1,950,000
SW Des Moines Street/Parkway Extension	Prairie Trail Development	COR-09-001	2	1,600,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2	500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	2	450,000
Annual Pavement Preservation Program	Public Works	STR-00-003	1	150,000
Annual Street Replacement Program	Public Works	STR-00-004	2	450,000
NE 36th Street/I-35 Interchange	Public Works	STR-08-002	1	25,155,745
NE Elementary School Entrance/Turn Lane	Public Works	STR-13-004	3	75,000

Project Name	Department	Project #	Priority	Project Cost
W 1st & State Intersection Improvements	Public Works	STR-13-005	2	70,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	3	280,000
SW Des Moines Street Trunk Sewer	Sewer Utility	COR-13-002	3	750,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2	400,000
SE Area Sanitary Sewer Improvements	Sewer Utility	SNS-10-001	2	100,000
West Outfall Relief Sewer	Sewer Utility	SNS-12-002	3	1,316,000
SW Des Moines Street Drainage Improvements	Stormwater Utility	COR-13-003	3	80,000
Annual Storm Water Replacement Program	Stormwater Utility	STM-00-001	2	250,000
SE 4th and SE Wanda Area Storm Sewer Improvements	Stormwater Utility	STM-10-001	3	700,000
Trib A to Four Mile Creek Channel Improvements	Stormwater Utility	STM-11-001	2	233,010
Annual Water Main Extension/Replacement Program	Water Utility	WTM-00-001	2	500,000
Total for 2014				38,801,465

2015

Annual Park Development Program	Parks and Recreation	PRK-00-002	2	250,000
Promenade Park Development	Parks and Recreation	PRK-09-003	1	575,000
Chautauqua Park Development	Parks and Recreation	PRK-10-001	2	160,000
Hawkeye Park Sports Field Lighting	Parks and Recreation	PRK-13-002	3	225,000
Miracle Park Project	Parks and Recreation	PRK-13-003	1	78,000
Annual Sidewalk/Trail Construction Program	Parks and Recreation	SDW-00-001	2	270,000
SW Cherry Street Regional Trail Connection	Parks and Recreation	SDW-12-001	3	355,000
SW Prairie Trail Parkway	Prairie Trail Development	COR-07-005	2	1,200,000
SW Des Moines Street/Parkway Extension	Prairie Trail Development	COR-09-001	2	1,400,000
SW Plaza Parkway	Public Works	COR-13-005	3	950,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2	500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	2	465,000
Annual Pavement Preservation Program	Public Works	STR-00-003	1	150,000
Annual Street Replacement Program	Public Works	STR-00-004	2	350,000
SE Creekview Drive Paving	Public Works	STR-05-003	3	300,000
East 1st Street/I-35 Interchange Reconstruction	Public Works	STR-11-004	2	1,400,000
W 1st & State Intersection Improvements	Public Works	STR-13-005	2	945,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	3	315,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2	400,000
SW Des Moines Street Drainage Improvements	Stormwater Utility	COR-13-003	3	1,460,000
Chautauqua Park Drainage Improvements	Stormwater Utility	COR-13-004	3	150,000
Annual Storm Water Replacement Program	Stormwater Utility	STM-00-001	2	250,000
Annual Water Main Extension/Replacement Program	Water Utility	WTM-00-001	2	500,000
Total for 2015				12,648,000

2016

Annual Park Development Program	Parks and Recreation	PRK-00-002	2	250,000
Prairie Ridge Sports Complex Field Lighting	Parks and Recreation	PRK-09-001	4	250,000
Annual Sidewalk/Trail Construction Program	Parks and Recreation	SDW-00-001	2	230,000
The District at Prairie Trail	Prairie Trail Development	COR-07-001	1	1,500,000
SW Des Moines Street/Parkway Extension	Prairie Trail Development	COR-09-001	2	2,800,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2	500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	2	480,000
Annual Pavement Preservation Program	Public Works	STR-00-003	1	150,000
Annual Street Replacement Program	Public Works	STR-00-004	2	400,000
SE Creekview Drive Paving	Public Works	STR-05-003	3	1,500,000
NE 36th Street Widening - I-35 to US 69	Public Works	STR-11-003	3	800,000
East 1st Street/I-35 Interchange Reconstruction	Public Works	STR-11-004	2	19,855,000
SE Corporate Woods & SE Four Mile Intersection	Public Works	STR-13-001	3	79,700
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	3	275,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2	400,000

Project Name	Department	Project #	Priority	Project Cost
SW Des Moines Street Drainage Improvements	Stormwater Utility	COR-13-003	3	1,200,000
Annual Storm Water Replacement Program	Stormwater Utility	STM-00-001	2	250,000
Annual Water Main Extension/Replacement Program	Water Utility	WTM-00-001	2	500,000
Total for 2016				31,419,700
2017				
Annual Park Development Program	Parks and Recreation	PRK-00-002	2	250,000
Prairie Ridge Sports Complex Field Lighting	Parks and Recreation	PRK-09-001	4	160,000
Promenade Park Development	Parks and Recreation	PRK-09-003	1	1,000,000
Annual Sidewalk/Trail Construction Program	Parks and Recreation	SDW-00-001	2	260,000
SW Prairie Trail Parkway	Prairie Trail Development	COR-07-005	2	2,800,000
SW Plaza Parkway	Public Works	COR-13-005	3	950,000
SW White Birch Drive	Public Works	COR-13-006	4	1,200,000
SW College Avenue	Public Works	COR-13-007	4	450,000
Annual PCC Street Patching Program	Public Works	STR-00-001	2	500,000
Annual Asphalt Street Resurfacing Program	Public Works	STR-00-002	2	450,000
Annual Pavement Preservation Program	Public Works	STR-00-003	1	150,000
Annual Street Replacement Program	Public Works	STR-00-004	2	375,000
NE 36th Street Widening - I-35 to US 69	Public Works	STR-11-003	3	2,765,000
East 1st Street/I-35 Interchange Reconstruction	Public Works	STR-11-004	2	19,855,000
SE Corporate Woods & SE Four Mile Intersection	Public Works	STR-13-001	3	520,000
Annual Traffic Signal Improvement Program	Public Works	TRF-00-001	3	275,000
Annual Sanitary Sewer Replacement Program	Sewer Utility	SNS-00-001	2	400,000
Otter Creek Trunk Sewer Phase 3	Sewer Utility	SNS-11-001	4	1,401,500
Annual Storm Water Replacement Program	Stormwater Utility	STM-00-001	2	250,000
Annual Water Main Extension/Replacement Program	Water Utility	WTM-00-001	2	500,000
Total for 2017				34,511,500
GRAND TOTAL				136,425,471

City of Ankeny, Iowa
Capital Improvement Plan
 2013 thru 2017

FUNDING SOURCE SUMMARY

Source	2013	2014	2015	2016	2017	Total
Capital Project Cash Balances	363,000	30,000	65,000	25,000	25,000	508,000
Civic Trust Cash Balances			160,000			160,000
FHWA/IDOT Grants	2,723,000	8,000,000	1,750,000	19,855,000	19,855,000	52,183,000
G.O. Bonds	4,512,000	10,251,796	2,885,000	2,660,000	5,000,000	25,308,796
G.O. Bonds-Storm Abated	1,953,206	933,010				2,886,216
G.O. Bonds-TIF Abated	6,335,000	5,580,000	6,035,000	7,079,700	6,920,000	31,949,700
Hotel/Motel Tax	50,000	50,000	100,000	125,000	80,000	405,000
IDNR/REAP Grants		300,000	150,000			450,000
MPO/STP Grants		1,374,000	150,000	400,000		1,924,000
Other Grants		7,954,949				7,954,949
Private Contributions	633,600	1,711,710	203,000	125,000	80,000	2,753,310
School/County Contributions	275,000	50,000				325,000
Sewer Cash Balances	1,300,000	400,000	400,000	400,000	400,000	2,900,000
Sewer Revenue Bonds/SRF		1,416,000			1,401,500	2,817,500
Stormwater Cash Balances	250,000	250,000	250,000	250,000	250,000	1,250,000
Water Cash Balances	650,000	500,000	500,000	500,000	500,000	2,650,000
GRAND TOTAL	19,044,806	38,801,465	12,648,000	31,419,700	34,511,500	136,425,471

City of Ankeny, Iowa
Capital Improvement Plan
 2013 thru 2017

PROJECTS BY FUNDING SOURCE

Source	Project#	Priority	2013	2014	2015	2016	2017	Total
Capital Project Cash Balances								
Annual Pavement Preservation Program	STR-00-003	1	50,000					50,000
SW Walnut Street Uptown Revitalization	STR-12-006	3	53,000					53,000
Annual Traffic Signal Improvement Program	TRF-00-001	3	260,000	30,000	65,000	25,000	25,000	405,000
Capital Project Cash Balances Total			363,000	30,000	65,000	25,000	25,000	508,000
Civic Trust Cash Balances								
Chautauqua Park Development	PRK-10-001	2			160,000			160,000
Civic Trust Cash Balances Total					160,000			160,000
FHWA/IDOT Grants								
South Ankeny Boulevard Drainage Improvements	STM-12-002	2	108,000					108,000
NE 36th Street/I-35 Interchange	STR-08-002	1		8,000,000				8,000,000
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	2			1,400,000	19,855,000	19,855,000	41,110,000
SW Irvinedale Drive Reconstruction - Phase 2	STR-12-007	2	2,600,000					2,600,000
W 1st & State Intersection Improvements	STR-13-005	2	15,000		350,000			365,000
FHWA/IDOT Grants Total			2,723,000	8,000,000	1,750,000	19,855,000	19,855,000	52,183,000
G.O. Bonds								
Annual Park Development Program	PRK-00-002	2	250,000	250,000	250,000	250,000	250,000	1,250,000
Annual Sidewalk/Trail Construction Program	SDW-00-001	2	210,000	230,000	270,000	230,000	260,000	1,200,000
SW Cherry Street Regional Trail Connection	SDW-12-001	3			55,000			55,000
Annual PCC Street Patching Program	STR-00-001	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Annual Asphalt Street Resurfacing Program	STR-00-002	2	457,000	450,000	465,000	480,000	450,000	2,302,000
Annual Pavement Preservation Program	STR-00-003	1	100,000	150,000	150,000	150,000	150,000	700,000
Annual Street Replacement Program	STR-00-004	2	350,000	450,000	350,000	400,000	375,000	1,925,000
NE 36th Street/I-35 Interchange	STR-08-002	1		7,826,796				7,826,796
NE 36th Street Widening - I-35 to US 69	STR-11-003	3				400,000	2,765,000	3,165,000
NW 36th Street/Elementary #10 Improvements	STR-13-002	2	2,420,000					2,420,000
NE Four Mile Drive Asphalt Paving - 18th to 36th	STR-13-003	2	225,000					225,000
NE Elementary School Entrance/Turn Lane	STR-13-004	3		75,000				75,000
W 1st & State Intersection Improvements	STR-13-005	2		70,000	595,000			665,000
Annual Traffic Signal Improvement Program	TRF-00-001	3		250,000	250,000	250,000	250,000	1,000,000
G.O. Bonds Total			4,512,000	10,251,796	2,885,000	2,660,000	5,000,000	25,308,796
G.O. Bonds-Storm Abated								
SE 4th and SE Wanda Area Storm Sewer Improvements	STM-10-001	3	100,000	700,000				800,000
Trib A to Four Mile Creek Channel Improvements	STM-11-001	2	712,206	233,010				945,216
North Creek Channel Improvements	STM-11-002	4	919,000					919,000

Source	Project#	Priority	2013	2014	2015	2016	2017	Total
South Ankeny Boulevard Drainage Improvements	STM-12-002	2	222,000					222,000
G.O. Bonds-Storm Abated Total			1,953,206	933,010				2,886,216
G.O. Bonds-TIF Abated								
The District at Prairie Trail	COR-07-001	1	600,000	1,200,000		1,500,000		3,300,000
SW Vintage Parkway	COR-07-004	3		1,950,000				1,950,000
SW Prairie Trail Parkway	COR-07-005	2			1,200,000		2,800,000	4,000,000
SW Des Moines Street/Parkway Extension	COR-09-001	2	800,000	1,600,000	1,400,000	2,800,000		6,600,000
Prairie Trail Plaza Water Management Basin	COR-13-001	2	125,000					125,000
SW Des Moines Street Trunk Sewer	COR-13-002	3		750,000				750,000
SW Des Moines Street Drainage Improvements	COR-13-003	3		80,000	1,460,000	1,200,000		2,740,000
Chautauqua Park Drainage Improvements	COR-13-004	3			150,000			150,000
SW Plaza Parkway	COR-13-005	3			950,000		950,000	1,900,000
SW White Birch Drive	COR-13-006	4					1,200,000	1,200,000
SW College Avenue	COR-13-007	4					450,000	450,000
Promenade Park Development	PRK-09-003	1	175,000		575,000		1,000,000	1,750,000
SE Delaware Sanitary Sewer Extension	SNS-13-001	2	200,000					200,000
SE Creekview Drive Paving	STR-05-003	3			300,000	1,500,000		1,800,000
East 1st Street/I-35 Interchange Reconstruction	STR-11-004	2	465,000					465,000
SW Irvinedale Drive Reconstruction - Phase 2	STR-12-007	2	2,470,000					2,470,000
SE Corporate Woods & SE Four Mile Intersection	STR-13-001	3				79,700	520,000	599,700
SW Irvinedale Drive Reconstruction - Phase 3	STR-13-006	2	1,500,000					1,500,000
G.O. Bonds-TIF Abated Total			6,335,000	5,580,000	6,035,000	7,079,700	6,920,000	31,949,700
Hotel/Motel Tax								
Prairie Ridge Sports Complex Field Lighting	PRK-09-001	4				125,000	80,000	205,000
Ankeny Market and Pavilion (AMP)	PRK-13-001	4		50,000				50,000
Hawkeye Park Sports Field Lighting	PRK-13-002	3			100,000			100,000
Miracle Park Project	PRK-13-003	1	50,000					50,000
Hotel/Motel Tax Total			50,000	50,000	100,000	125,000	80,000	405,000
IDNR/REAP Grants								
Ankeny Market and Pavilion (AMP)	PRK-13-001	4		300,000				300,000
SW Cherry Street Regional Trail Connection	SDW-12-001	3			150,000			150,000
IDNR/REAP Grants Total				300,000	150,000			450,000
MPO/STP Grants								
SW Cherry Street Regional Trail Connection	SDW-12-001	3			150,000			150,000
NE 36th Street/I-35 Interchange	STR-08-002	1		1,374,000				1,374,000
NE 36th Street Widening - I-35 to US 69	STR-11-003	3				400,000		400,000
MPO/STP Grants Total				1,374,000	150,000	400,000		1,924,000
Other Grants								
NE 36th Street/I-35 Interchange	STR-08-002	1		7,954,949				7,954,949
Other Grants Total				7,954,949				7,954,949

Source	Project#	Priority	2013	2014	2015	2016	2017	Total
Private Contributions								
Prairie Ridge Sports Complex Field Lighting	PRK-09-001	4				125,000	80,000	205,000
Ankeny Market and Pavilion (AMP)	PRK-13-001	4		1,050,000				1,050,000
Hawkeye Park Sports Field Lighting	PRK-13-002	3			125,000			125,000
Miracle Park Project	PRK-13-003	1	626,600	661,710	78,000			1,366,310
SW Walnut Street Uptown Revitalization	STR-12-006	3	7,000					7,000
Private Contributions Total			633,600	1,711,710	203,000	125,000	80,000	2,753,310
School/County Contributions								
Ankeny Market and Pavilion (AMP)	PRK-13-001	4		50,000				50,000
Miracle Park Project	PRK-13-003	1	50,000					50,000
NE Four Mile Drive Asphalt Paving - 18th to 36th	STR-13-003	2	225,000					225,000
School/County Contributions Total			275,000	50,000				325,000
Sewer Cash Balances								
Annual Sanitary Sewer Replacement Program	SNS-00-001	2	400,000	400,000	400,000	400,000	400,000	2,000,000
SE Area Sanitary Sewer Improvements	SNS-10-001	2	800,000					800,000
NW 36th Street/Elementary #10 Improvements	STR-13-002	2	100,000					100,000
Sewer Cash Balances Total			1,300,000	400,000	400,000	400,000	400,000	2,900,000
Sewer Revenue Bonds/SRF								
SE Area Sanitary Sewer Improvements	SNS-10-001	2		100,000				100,000
Otter Creek Trunk Sewer Phase 3	SNS-11-001	4				1,401,500		1,401,500
West Outfall Relief Sewer	SNS-12-002	3		1,316,000				1,316,000
Sewer Revenue Bonds/SRF Total				1,416,000		1,401,500		2,817,500
Stormwater Cash Balances								
Annual Storm Water Replacement Program	STM-00-001	2	250,000	250,000	250,000	250,000	250,000	1,250,000
Stormwater Cash Balances Total			250,000	250,000	250,000	250,000	250,000	1,250,000
Water Cash Balances								
NW 36th Street/Elementary #10 Improvements	STR-13-002	2	150,000					150,000
Annual Water Main Extension/Replacement Program	WTM-00-001	2	500,000	500,000	500,000	500,000	500,000	2,500,000
Water Cash Balances Total			650,000	500,000	500,000	500,000	500,000	2,650,000
GRAND TOTAL			19,044,806	38,801,465	12,648,000	31,419,700	34,511,500	136,425,471

Section 4

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 20 years
Category Park Facilities
Priority 2 Very Important

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

Description **Total Project Cost:** \$4,750,000
 Annual Park Development Program:
 Includes capital improvements to existing and new park facilities. These improvements include park amenities such as: playgrounds, shelters, picnic features, trails, landscaping, etc.

Justification
 2013
 Somersby Park Trail Connection
 Cherry Glen Trail Phase III
 White Birch Park Shelter & Playground
 If bids are competitive, the City may be able to complete all three 2013 projects with the \$250,000 allocation. Otherwise, we will move forward with Somersby and Cherry Glen, deferring White Birch for another year.
 2014
 Somersby Park - Parking Lot and Trail Completion
 Sawgrass Park Swing Set
 Sunrise Park Drainage
 Dugout Covers - Hawkeye Athletic Complex
 Park Landscaping/Signage Program
 2015
 Prairie Ridge Aquatic Center Enhancements (water play structure)
 2016
 Sunrise Park Splash Pad
 Wildflower Park Turf Development and Shelter
 2017
 Crestbruck Park Trail Overlay (tear out and rebuild trail)
 Crestbruck Park New Playground (NW side of park)
 Other Projects TBD (pace of development and park dedication)

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Park Facilities
Priority 4 Less Important

Project # PRK-09-001
Project Name Prairie Ridge Sports Complex Field Lighting

Description **Total Project Cost: \$410,000**
 Soccer:
 Phase II of the Prairie Ridge Sports Complex Soccer Field Lighting consists of completing lighting on platforms 33, 34 and 36. The project will be completed for the fall soccer season, 2016.
 Softball:
 Add sports field lighting to Prairie Ridge Sports Complex softball fields 45 & 46.

Justification
 Soccer:
 The project is needed due to the growth of soccer play at the Prairie Ridge Sports Complex. Lighting additional soccer fields allows for added tournament play and accommodates the growth of the Iowa Rush Soccer Club. The project will be cost shared with the Iowa Rush.
 Softball:
 In 2010 a partnership was developed with the Ankeny Girls Softball Association to light softball fields 41-44. A similar partnership will occur in 2017 to light the two remaining fields, 45 and 46.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs				250,000	160,000	410,000
Total				250,000	160,000	410,000

Funding Sources	2013	2014	2015	2016	2017	Total
Hotel/Motel Tax				125,000	80,000	205,000
Private Contributions				125,000	80,000	205,000
Total				250,000	160,000	410,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type Improvement
Useful Life 40 years
Category Park Facilities
Priority 1 Urgent

Project # PRK-09-003
Project Name Promenade Park Development

Description **Total Project Cost:** \$1,750,000
 Development of Promenade Park in Prairie Trail:
 Includes development of the 15+ acre Promenade Park in Prairie Trail. The project encompasses a series of park and recreational amenities, to be funded over multiple years.

Justification
 CIP funding has been delayed due to slow development in Prairie Trail.
 Funding for the project is through the Civic Trust Fund partnership between the City of Ankeny and DRA Properties.
 The project has been deferred another year, with scheduled start date in 2015. The park will be added to the mowing contract in 2013.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	175,000					175,000
Construction Costs			575,000		1,000,000	1,575,000
Total	175,000		575,000		1,000,000	1,750,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	175,000		575,000		1,000,000	1,750,000
Total	175,000		575,000		1,000,000	1,750,000

Capital Improvement Plan

2013 *thru* 2017

City of Ankeny, Iowa

Department Parks and Recreation

Contact Parks and Recreation Director

Type Improvement

Useful Life 40 years

Category Park Facilities

Priority 2 Very Important

Project # PRK-10-001
Project Name Chautauqua Park Development

Description

Total Project Cost: \$9,367,000

Development of Chautauqua Park in Prairie Trail:
Includes development of the 40+ acre Chautauqua Park in Prairie Trail. The project encompasses a series of park, recreation and conservation amenities in the park, to be funded over multiple years.

Justification

CIP funding has been delayed due to the slow development in Prairie Trail.

Funding for the project is through the Civic Trust Fund partnership between the City of Ankeny and DRA Properties.

The project has been deferred multiple years, with a scheduled start in 2015. The project will continue to be pushed back until enough taxable value has been established in Prairie Trail to trigger the development agreement for the park's construction.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design			160,000			160,000
Total			160,000			160,000

Funding Sources	2013	2014	2015	2016	2017	Total
Civic Trust Cash Balances			160,000			160,000
Total			160,000			160,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Park Facilities
Priority 4 Less Important

Project # PRK-13-001
Project Name Ankeny Market and Pavilion (AMP)

Description **Total Project Cost: \$1,450,000**
 The AMP consists of the following amenities: farmer's market pavilion, trailhead, restroom facility, trail, plaza and gateway entry features. The AMP will serve as the home of the Ankeny Farmer's Market and the trailhead facility for the High Trestle Trail.

Justification
 The AMP will be located on city-owned open space off West First Street behind the old fire station. The \$1.45 million project will be funded primarily through private donations and grants. Project progress will depend primarily on fundraising success. Fundraising will begin in January, 2013. While this CIP document reflects a 2014 City contribution out of the Hotel/Motel Fund, there is a possibility that the request could come in 2013 if fundraising is successful through private donations.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs		1,450,000				1,450,000
Total		1,450,000				1,450,000

Funding Sources	2013	2014	2015	2016	2017	Total
Hotel/Motel Tax		50,000				50,000
IDNR/REAP Grants		300,000				300,000
Private Contributions		1,050,000				1,050,000
School/County Contributions		50,000				50,000
Total		1,450,000				1,450,000



Capital Improvement Plan

2013 *thru* 2017

City of Ankeny, Iowa

Department Parks and Recreation

Contact Parks and Recreation Director

Type Improvement

Useful Life 40 years

Category Park Facilities

Priority 3 Important

Project # PRK-13-002

Project Name Hawkeye Park Sports Field Lighting

Description

Total Project Cost: \$225,000

Hawkeye Park Sports Field Lighting consists of new sports field lights for our two softball fields at Hawkeye Park Sports Complex. The current lights are wearing out and do not provide ample lighting for safe adult play nor do they meet regulations for tournament activities.

Justification

The sports field lighting project would be cost shared with a City Hotel/Motel Tax Fund contribution of \$100,000. Other partners include: USSSA Sports, Ankeny Sports Complex Foundation and the Hawkeye Park Players Fund (user fees).

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs			225,000			225,000
Total			225,000			225,000

Funding Sources	2013	2014	2015	2016	2017	Total
Hotel/Motel Tax			100,000			100,000
Private Contributions			125,000			125,000
Total			225,000			225,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Park Facilities
Priority 1 Urgent

Project # PRK-13-003
Project Name Miracle Park Project

Description **Total Project Cost: \$1,466,310**
 The Miracle Park Project will be located in Hawkeye Park and is a park for children and families with special needs. The park is primarily funded from private fundraising.

Justification
 The project's progress will mirror fundraising and pledge payments that come in. Pledges are phased over a one to five year period. Significant in-kind resources are also being sought to help defer the overall project cost. All costs reflected below represent actual estimates without figuring potential in-kind assistance. The project will begin in December, 2012 and be completed by spring/summer of 2015. The City of Ankeny has provided \$50,000 for the project through the Hotel/Motel Fund and Polk County contributed \$50,000. All other funds will be privately raised.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	726,600	661,710	78,000			1,466,310
Total	726,600	661,710	78,000			1,466,310

Funding Sources	2013	2014	2015	2016	2017	Total
Hotel/Motel Tax	50,000					50,000
Private Contributions	626,600	661,710	78,000			1,366,310
School/County Contributions	50,000					50,000
Total	726,600	661,710	78,000			1,466,310

Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 20 years
Category Sidewalks/Trails
Priority 2 Very Important

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

Description **Total Project Cost: \$1,200,000**

Annual construction of pedestrian improvements adjacent to city streets:
 2013: SE Magazine Road Trail - Ankeny Boulevard to SE Delaware Avenue Phase 1 = \$160,000
 2014: SE Magazine Road Trail - Ankeny Boulevard to SE Delaware Avenue Phase 2 = \$160,000
 2014: SW Irvinedale Drive Trail Connection = \$20,000
 2015: SW Irvinedale Drive Trail Connection = \$220,000
 2016: West First Street Trail Upgrade Phase 1 - Park and Ride to NW Elementary = \$90,000
 2016: West First Street Trail Upgrade Phase 2 - NW Elementary to State Street = \$90,000
 2017: West First Street Trail Upgrade Phase 3 - State Street to Linden Street = \$210,000
 2013-2017: Sidewalk Oversizing = \$50,000/year

Justification

The purpose of this program is to provide new sections of recreation trails/sidewalks adjacent to our collector roadways to promote non-motorized travel and a corresponding healthier lifestyle in Ankeny. These projects are completed in conjunction with the Parks Department to maximize the connectivity of the overall trail system.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	210,000	230,000	270,000	230,000	260,000	1,200,000
Total	210,000	230,000	270,000	230,000	260,000	1,200,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	210,000	230,000	270,000	230,000	260,000	1,200,000
Total	210,000	230,000	270,000	230,000	260,000	1,200,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Parks and Recreation
Contact Parks and Recreation Director
Type New Construction
Useful Life 40 years
Category Sidewalks/Trails
Priority 3 Important

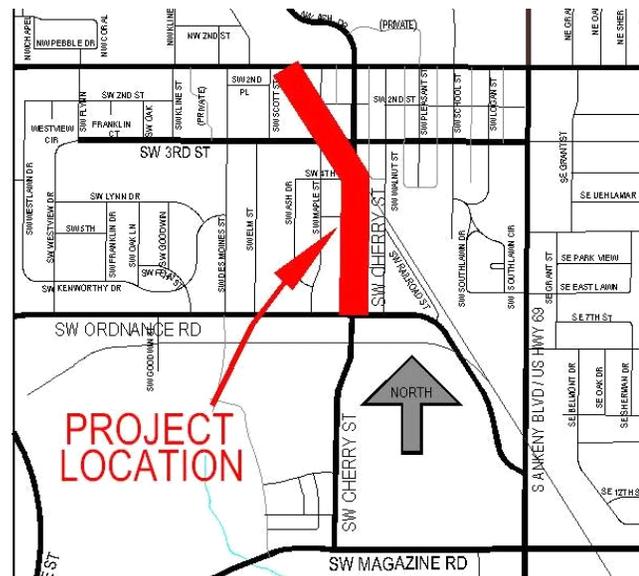
Project # SDW-12-001
Project Name SW Cherry Street Regional Trail Connection

Description **Total Project Cost:** \$355,000
 Construction of a regional trail between SW Ordnance Road and West First Street. The proposed alignment will follow the existing SW Cherry Street alignment from Ordnance Road north to the abandoned railroad alignment in Uptown. The trail will be established along the existing street utilizing the wide street cross section to create a shared roadway. From this point, the trail alignment will run northwest as a 10-foot wide trail along the abandoned railroad to a connection point with West First Street.

Justification
 This trail connection will form the initial link between two popular regional trail systems: the Neal Smith Connector Recreation Trail and the Gay Lea Wilson Trail.
 It is our intent to fund a portion of this project with MPO STP-TE funding. An application was submitted last year for FY 2016 funds, but funding was not awarded by the MPO. An application will be submitted for 2017 TE funding. It is assumed that the project will require at least partial outside funding to be feasible.
 Engineering required for this project will be completed in-house, except engineering for the pedestrian traffic signals at First Street will require a consultant's expertise.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design			25,000			25,000
Construction Costs			330,000			330,000
Total			355,000			355,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds			55,000			55,000
IDNR/REAP Grants			150,000			150,000
MPO/STP Grants			150,000			150,000
Total			355,000			355,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Prairie Trail Development

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Corridor Development

Priority 1 Urgent

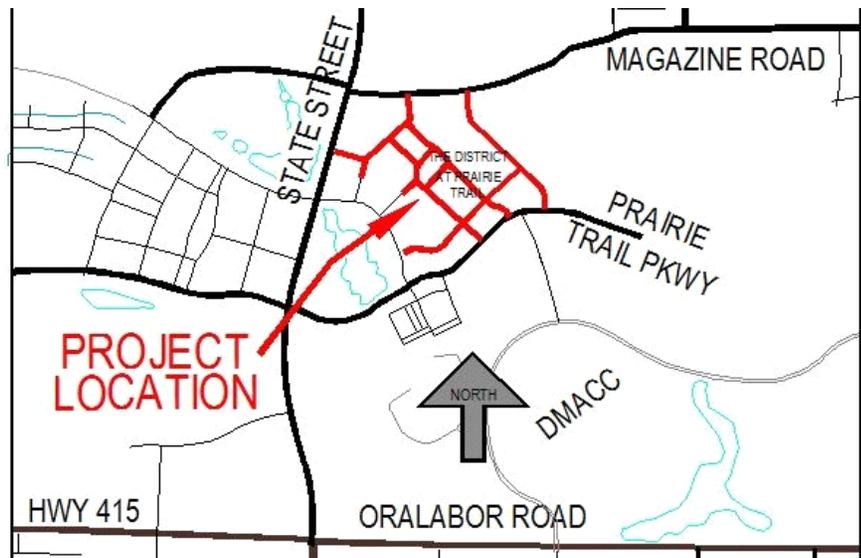
Project # COR-07-001
Project Name The District at Prairie Trail

Description **Total Project Cost:** \$3,300,000
 Construction of the utilities and paving improvements for The District commercial center in Prairie Trail. The phases of The District are based on development and are estimated as follows:
 2013: Parking lots and associated paving
 2014: Streets, parking stalls and associated paving in the east section of The District
 2016: Additional street and paving improvements dependent upon development

Justification
 The District will be the commercial and entertainment hub for Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	600,000	1,200,000		1,500,000		3,300,000
Total	600,000	1,200,000		1,500,000		3,300,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	600,000	1,200,000		1,500,000		3,300,000
Total	600,000	1,200,000		1,500,000		3,300,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Prairie Trail Development

Contact Business Manager

Type New Construction

Useful Life 20 years

Category Corridor Development

Priority 3 Important

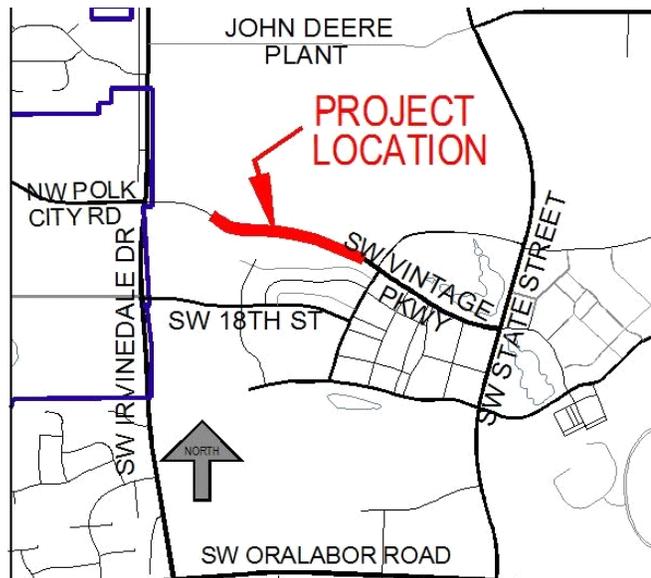
Project # COR-07-004
Project Name SW Vintage Parkway

Description **Total Project Cost:** \$1,950,000
 The extension of SW Vintage Parkway from the current terminus which is 900' east of SW Irvinedale Drive east to the intersection with SW College Avenue/SW Magazine Road in Prairie Trail. Full construction of a 4-lane boulevard street including grading, sewers, trail, and street paving. This project will be the final phase of the street from SW State Street to SW Irvinedale Drive.

Justification
 This project will provide the second street connection in Prairie Trail to SW Irvinedale Drive. It will connect to Irvinedale at the new roundabout. It is anticipated that this project will be initiated when adjacent development takes place within Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design		175,000				175,000
Construction Costs		1,600,000				1,600,000
Street Lighting		175,000				175,000
Total		1,950,000				1,950,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated		1,950,000				1,950,000
Total		1,950,000				1,950,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Prairie Trail Development

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Corridor Development

Priority 2 Very Important

Project #	COR-07-005
Project Name	SW Prairie Trail Parkway

Description	Total Project Cost: \$4,000,000
<p>This project is the extension of SW Prairie Trail Parkway from its current terminus at the Cascade Falls Aquatic Center west to SW Irvinedale Drive. This street will be a two-lane PCC roadway with turn lanes at SW Irvinedale Drive. The alignment of this proposed street has been revised from the original routing, which had the street connect to SW Irvinedale Drive at the intersection with SW 21st Court. The revised alignment has a connection to SW Irvinedale Drive at SW Woodbury Lane, which will be a much better system-wide location for a traffic signal.</p>	

Justification
<p>The purpose of this roadway is to support adjacent development and provide a collector level street connection from the west into Prairie Trail. It will also provide a second west connection to the new Cascade Falls Aquatic Center and the elementary school in Prairie Trail.</p>

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs			1,200,000		2,800,000	4,000,000
Total			1,200,000		2,800,000	4,000,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated			1,200,000		2,800,000	4,000,000
Total			1,200,000		2,800,000	4,000,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Prairie Trail Development

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Corridor Development

Priority 2 Very Important

Project # COR-09-001
Project Name SW Des Moines Street/Parkway Extension

Description **Total Project Cost: \$6,600,000**

SW Des Moines Street will be developed as a parkway between SW Prairie Trail Parkway and SW Ordinance Road. Two large conservation green space features will be included between the northbound and southbound lanes in accordance with the Prairie Trail Master Plan. At this time, the project is scheduled to be completed in four phases:

Phase 1 - From SW Ordinance Road to SW Elm Street
 Phase 2 - From SW Elm Street to SW 11th Street
 Phase 3 - From SW 11th Street to SW Magazine Road
 Phase 4 - From SW Magazine Road to SW Prairie Trail Parkway

There will also be a separate entry for the conservation green space within this corridor.

Justification

The first phase of this project is currently scheduled for design in 2012 and construction in 2013. This first (north) phase will greatly improve the access to Southview Middle School, so it is scheduled for completion by the time that the school addition opens in August of 2013. Property acquisition is required. It is anticipated that the remaining phases of the project will proceed pending the development schedule of Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	800,000	1,600,000	1,400,000	2,800,000		6,600,000
Total	800,000	1,600,000	1,400,000	2,800,000		6,600,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	800,000	1,600,000	1,400,000	2,800,000		6,600,000
Total	800,000	1,600,000	1,400,000	2,800,000		6,600,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Storm Water Facilities
Priority 2 Very Important

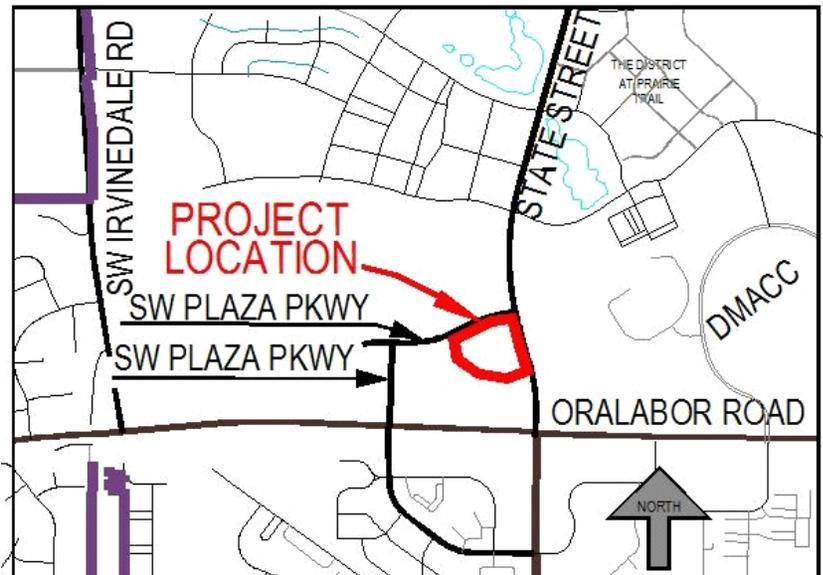
Project # COR-13-001
Project Name Prairie Trail Plaza Water Management Basin

Description **Total Project Cost:** \$125,000
 Construction of the outlet structure for the storm water detention basin located on the west side of SW State Street just south of SW Plaza Parkway. A large concrete structure with staged outlets that direct the flows under SW State Street will be required.

Justification
 This regional detention basin is needed to handle the upstream development within Prairie Trail. The basin was constructed previously but we have delayed the construction of the outlet structure pending development of the adjacent properties. With the anticipated Hy-Vee construction in 2013, this outlet structure will now be needed.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	25,000					25,000
Construction Costs	100,000					100,000
Total	125,000					125,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	125,000					125,000
Total	125,000					125,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys
Priority 3 Important

Project # COR-13-005
Project Name SW Plaza Parkway

Description **Total Project Cost: \$1,900,000**
 The extension of SW Plaza Parkway from its current terminus at the intersection with SW White Birch Drive, west to the future extension of SW College Avenue (2015).
 Also, the extension of the street further west toward SW Irvinedale Drive (2017).

Justification
 This street will be needed as development of the southwest sections of Prairie Trail occurs.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs			950,000		950,000	1,900,000
Total			950,000		950,000	1,900,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated			950,000		950,000	1,900,000
Total			950,000		950,000	1,900,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys
Priority 4 Less Important

Project # COR-13-006
Project Name SW White Birch Drive

Description **Total Project Cost:** \$1,200,000
 The extension of SW White Birch Drive from its current terminous at SW Plaza Parkway north.

Justification
 This project will be constructed as needed to accommodate the development of the adjacent properties within Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs					1,200,000	1,200,000
Total					1,200,000	1,200,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated					1,200,000	1,200,000
Total					1,200,000	1,200,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys
Priority 4 Less Important

Project # COR-13-007
Project Name SW College Avenue

Description **Total Project Cost:** \$450,000
 The extension of SW College Avenue south from its current terminous at the intersection with SW Prairie Trail Parkway.

Justification
 This project will support the development of the southwest quadrant of Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs					450,000	450,000
Total					450,000	450,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated					450,000	450,000
Total					450,000	450,000

Capital Improvement Plan

2013 *thru* 2017

City of Ankeny, Iowa

Department Public Works

Contact City Engineer

Type Maintenance

Useful Life 20 years

Category Streets and Alleys

Priority 2 Very Important

Project # STR-00-001

Project Name Annual PCC Street Patching Program

Description

Total Project Cost: \$2,500,000

This program includes individual PCC patches and intake repairs throughout the city. The projects that are bid annually from this program are engineered in-house. Patch locations are chosen based on field conditions (rough ride and defects) and by our pavement management study.

2013:

SW Southlawn/Logan Utility & Paving Replacement
Skyview Circle/County Club neighborhood

2014:

SW Southlawn/Logan Utility & Paving Replacement
Full-Depth Street Patches and Intake Replacement (TBD)

2015:

SW Southlawn/Logan Utility & Paving Replacement
Full-Depth Street Patches and Intake Replacement (TBD)
SW 3rd Street Utility and Paving Replacement

2016-2017

Full-Depth Street Patches and Intake Replacement (TBD)
SW 3rd Street Utility and Paving Replacement

Justification

The Annual PCC Street Patching Program eliminates the most critical street defects within the City street system. It is vital to maintain the older interior city streets as they deteriorate over time.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Public Works
Contact City Engineer
Type Maintenance
Useful Life 20 years
Category Streets and Alleys
Priority 2 Very Important

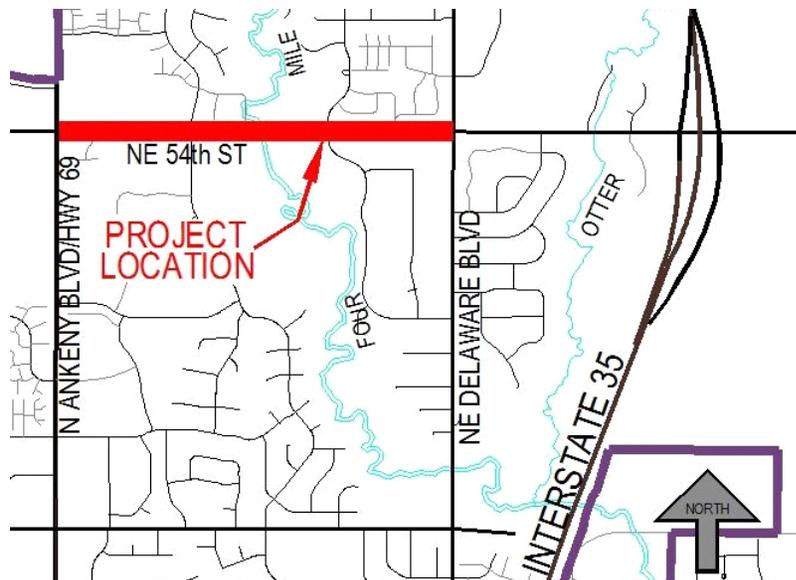
Project # STR-00-002
Project Name Annual Asphalt Street Resurfacing Program

Description **Total Project Cost:** \$2,302,000
 Asphalt street overlays and patching:
 2013: NE 54th Street from Ankeny Boulevard to NE Delaware Avenue = \$457,000
 2014: NW Irvinedale Drive from NW 36th Street to NW 54th Street = \$450,000
 2015: SE Four Mile Drive from SE Oralabor Road to SE Magazine Road = \$465,000
 2016: SW Ankeny Road from near SW State Street to near SW Oralabor Road = \$360,000
 2016: South Ankeny Boulevard Recreation Trail Overlay - SW Walnut Street to DMACC entrance = \$120,000
 2017: Asphalt Street Resurfacing (TBD)

Justification
 Public Works annually completes at least one asphalt overlay project within Ankeny, generally of a mile in length. This year's request includes patches and an overlay on NE 54th Street from Highway 69 east to NE Delaware Avenue. This roadway has a number of isolated deteriorated sections. It is anticipated that it will continue to deteriorate as the adjacent residential homes are built. It may be feasible to overlay only the west half of this roadway in 2013, if there is an immediate need for asphalt patching elsewhere in Ankeny.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	457,000	450,000	465,000	480,000	450,000	2,302,000
Total	457,000	450,000	465,000	480,000	450,000	2,302,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	457,000	450,000	465,000	480,000	450,000	2,302,000
Total	457,000	450,000	465,000	480,000	450,000	2,302,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type Maintenance
Useful Life 20 years
Category Streets and Alleys
Priority 1 Urgent

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

Description **Total Project Cost:** \$750,000
 This program addresses the need for better maintainance of existing street infrastructure. The preservation will consist of re-sealing pavement joints and cracks on selected snow route streets and local streets.

Justification
 Public Works currently completes crack sealing on our ACC streets and a limited quantity of PCC streets as weather and workload allows in the fall and spring. The recent pavement management study that was completed on our snow route streets included a strong recommendation that the city undertake an expanded crack sealing program by utilizing a contractor in addition to our in-house program. As the study summarized, undertaking this preservation program will address the need for protecting pavement joints from damage caused by salt and salt brine applications during snow removal operations. It will also maintain the life of local and collector street pavements by keeping moisture out of the pavement subgrade.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	150,000	150,000	150,000	150,000	150,000	750,000
Total	150,000	150,000	150,000	150,000	150,000	750,000

Funding Sources	2013	2014	2015	2016	2017	Total
Capital Project Cash Balances	50,000					50,000
G.O. Bonds	100,000	150,000	150,000	150,000	150,000	700,000
Total	150,000	150,000	150,000	150,000	150,000	750,000

Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 2 Very Important

Project # STR-00-004
Project Name Annual Street Replacement Program

Description **Total Project Cost: \$1,925,000**

Full-depth pavement removal and replacement on streets identified as deteriorated and in poor condition. Projects as proposed generally include pavement replacement, along with new driveway aprons, minor utility replacements, new intakes, sidewalk repairs, etc.

PRIORITY PROJECTS:

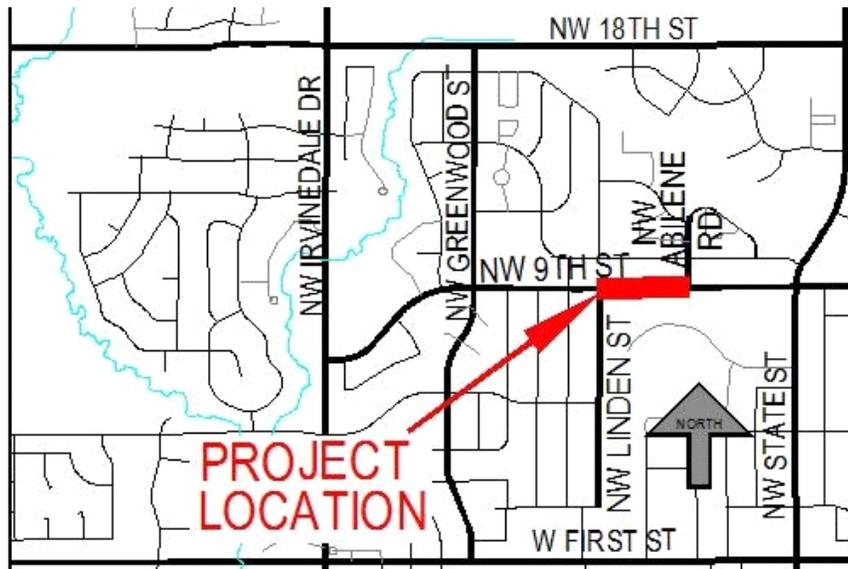
- 1) NW 9th Street - Linden to Abilene = \$350,000
- 2) SE 8th Street - Highway 69 to Sharmin = \$450,000
- 3) NW Greenwood Street - 14th Street to south of 18th Street = \$350,000
- 4) NW Linden Street - Hickory to Beechwood = \$400,000
- 5) NW Greenwood Street - 5th Street to 9th Street = \$375,000
- 6) NW 17th Street - Beechwood to Greenwood = \$425,000
- 7) NW 9th Street - Irvinedale to east Park Lane = \$375,000
- 8) NW 5th Street - Greenwood to Applewood = \$375,000

Justification

The older sections of Ankeny have streets that are deteriorating at an advanced rate, given the age of the PCC pavements. Many of these interior streets are generally the same age, with serious cracks, spalls, joint failures, poor subgrade, etc. The above program is based on the available funding. Public Works has these and numerous additional streets targeted for replacement and would expand this program if additional funding was available.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	350,000	450,000	350,000	400,000	375,000	1,925,000
Total	350,000	450,000	350,000	400,000	375,000	1,925,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	350,000	450,000	350,000	400,000	375,000	1,925,000
Total	350,000	450,000	350,000	400,000	375,000	1,925,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works

Contact City Engineer

Project # STR-05-003
Project Name SE Creekview Drive Paving

Type New Construction
Useful Life 20 years
Category Streets and Alleys
Priority 3 Important

Description

Total Project Cost: \$1,800,000

PCC paving with open ditches on SE Creekview Drive from East First Street south 5,300 feet to the future connection with SE Magazine Road.

Justification

The gravel surface on this industrial service road requires substantial maintenance. Once the sewer plant is abandoned, this street can be connected to Metro North to the south. It will need to be improved when it becomes a through street. The actual connection to Metro North is assumed to be completed in the future by developers as development occurs.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design			300,000			300,000
Construction Costs				1,500,000		1,500,000
Total			300,000	1,500,000		1,800,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated			300,000	1,500,000		1,800,000
Total			300,000	1,500,000		1,800,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Priority 1 Urgent

Project # STR-08-002
Project Name NE 36th Street/I-35 Interchange

Description **Total Project Cost:** \$25,155,745
 Development of the new interchange at NE 36th Street on I-35. The scope of the project includes all facets of a compressed diamond interchange. Also included is the relocation of the existing rest area by the Iowa Department of Transportation (IDOT).

Justification
 With the first and second phases of construction now complete, an updated cost summary for the proposed interchange is available. The costs below include all engineering, right-of-way and both phases of construction.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design		1,110,141				1,110,141
Construction Costs		22,379,164				22,379,164
Land/ROW Acquisition		1,666,440				1,666,440
Total		25,155,745				25,155,745

Funding Sources	2013	2014	2015	2016	2017	Total
FHWA/IDOT Grants		8,000,000				8,000,000
G.O. Bonds		7,826,796				7,826,796
MPO/STP Grants		1,374,000				1,374,000
Other Grants		7,954,949				7,954,949
Total		25,155,745				25,155,745



Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 3 Important

Project # STR-11-003
Project Name NE 36th Street Widening - I-35 to US 69

Description **Total Project Cost:** \$3,565,000

This project has two phases:

Phase 1 includes the reconstruction of NE 36th Street from NE Delaware Avenue east to I-35. It is under construction and is nearly completed at this time. The construction cost for this phase is being partially financed by two previous STP awards in the amount of \$1,100,000.

Phase 2 runs generally from Ankeny Boulevard to NE Delaware Avenue. It includes reconstructing the rural asphalt roadway as a 4-lane urban facility. The existing Four Mile Creek Bridge will be widened. It will be constructed in the future based on the increasing traffic flows from the new interchange, the new high school and development. The City has received a \$400,000 STP award (2016 dollars) for this project.

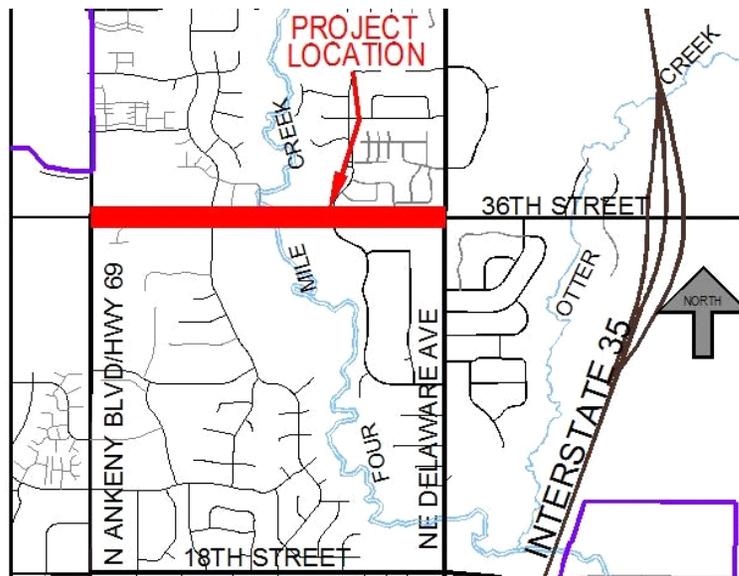
Justification

As the north portion of Ankeny continues to grow and develop, the traffic will increase on NE 36th Street.

Phase 1 needed to be rebuilt on the same schedule as the interchange project, so that it is open to traffic when the interchange is open. Phase 2 will be needed when traffic on that section of NE 36th Street requires the expansion. Public Works anticipates that additional applications will be submitted for STP funding in 2017 and beyond to increase the federal participation above the current \$400,000 level.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design				800,000		800,000
Construction Costs					2,765,000	2,765,000
Total				800,000	2,765,000	3,565,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds				400,000	2,765,000	3,165,000
MPO/STP Grants				400,000		400,000
Total				800,000	2,765,000	3,565,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 2 Very Important

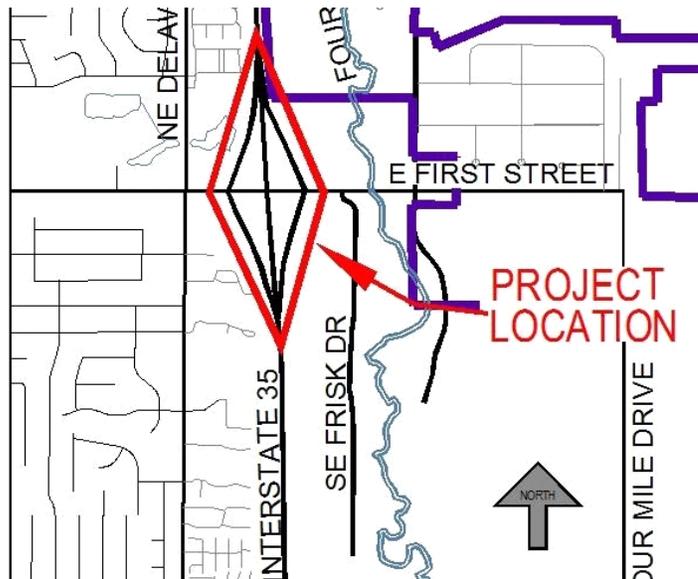
Project # STR-11-004
Project Name East 1st Street/I-35 Interchange Reconstruction

Description **Total Project Cost: \$41,575,000**
 Consultant design services to facilitate the reconstruction of the First Street Interchange. The interchange will be reconstructed as a diverging diamond interchange. At this time, the negotiations with the Iowa DOT call for utilizing city funding for the design services and state/federal funds for the right-of-way and construction costs.

Justification
 The 2008 IJR showed the need to construct the NE 36th Street interchange and reconstruct the First Street Interchange. In 2009, Ankeny started the design of the First Street interchange reconstruction by retaining Snyder & Associates to design the project. Earlier this year, the Iowa Department of Transportation (IDOT) asked that the interchange be redesigned as a diverging diamond (DDI). The IDOT also informed the City that the substantial right-of-way and construction costs for the project are on their master list for programming in 2015-2017.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	465,000					465,000
Construction Costs				19,855,000	19,855,000	39,710,000
Land/ROW Acquisition			1,400,000			1,400,000
Total	465,000		1,400,000	19,855,000	19,855,000	41,575,000

Funding Sources	2013	2014	2015	2016	2017	Total
FHWA/IDOT Grants			1,400,000	19,855,000	19,855,000	41,110,000
G.O. Bonds-TIF Abated	465,000					465,000
Total	465,000		1,400,000	19,855,000	19,855,000	41,575,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 3 Important

Project # STR-12-006
Project Name SW Walnut Street Uptown Revitalization

Description **Total Project Cost:** \$60,000

Revitalization of the west side of SW Walnut Street from SW 3rd Street south ½ block. The proposed improvements include the replacement of the deteriorated sidewalk and parking stalls along the commercial property frontage. Two decorative street lights and associated improvements will also be included.

This project was proposed and approved as a 2012 project. The Public Works staff has completed the majority of the engineering for the project at this time, but will delay the construction until the spring of 2013.

Justification

The adjacent commercial property owner has requested that this project be completed to improve the frontage of his property. He has offered to pay an assessment for the value of the sidewalk and lighting improvements under the same policy that was used by the City on the previous SW Maple Street project.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	60,000					60,000
Total	60,000					60,000

Funding Sources	2013	2014	2015	2016	2017	Total
Capital Project Cash Balances	53,000					53,000
Private Contributions	7,000					7,000
Total	60,000					60,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 2 Very Important

Project # STR-12-007
Project Name SW Irvinedale Drive Reconstruction - Phase 2

Description **Total Project Cost:** \$5,070,000

Full reconstruction of SW Irvinedale Drive from just north of Oralabor Road to West First Street.

Phase 1 of this project is currently under construction as a 2012 project (from Polk City Drive north to SW 3rd Street).

Phase 2 is scheduled and programmed for 2013 construction (from Oralabor Road north to Polk City Drive). Updated costs for this phase are included below.

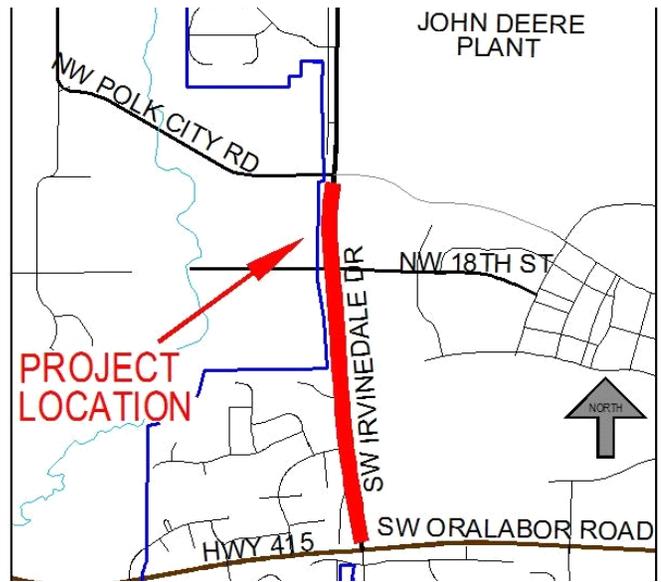
Phase 3 includes full reconstruction of Irvinedale Drive from SW 3rd Street north to West First Street. It is included under a separate submittal. The scope of these projects includes reconstruction as a 4-lane urban roadway with curbs, storm sewers, and all utilities.

Justification

The first two phases of this project are partially financed by an Iowa DOT RISE grant. The grant covers approximately 50% of the design and construction costs for these two phases. The grant was obtained to support the expansion of the John Deere plant. Phase 3 of this project does not qualify for RISE funding. In addition to the roadway improvements, a sanitary sewer will be constructed along the west side of the street. This sewer is needed to serve two properties that have deteriorated septic systems.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	430,000					430,000
Construction Costs	4,400,000					4,400,000
Street Lighting	220,000					220,000
Land/ROW Acquisition	20,000					20,000
Total	5,070,000					5,070,000

Funding Sources	2013	2014	2015	2016	2017	Total
FHWA/IDOT Grants	2,600,000					2,600,000
G.O. Bonds-TIF Abated	2,470,000					2,470,000
Total	5,070,000					5,070,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type Improvement
Useful Life 40 years
Category Streets and Alleys
Priority 3 Important

Project # STR-13-001
Project Name SE Corporate Woods & SE Four Mile Intersection

Description **Total Project Cost:** \$599,700
 Widening of all four legs of this intersection to provide left turn lanes and larger intersection radii to support truck traffic. The widening will be completed within the existing right-of-way.

Justification
 This location, which is an open rural unimproved intersection, is adjacent to the new Crosswinds development. Old Dominion is currently building a large truck distribution center in the northeast quadrant of the intersection. Also, PurFoods will be constructing a new production facility in this same quadrant. It is anticipated that improving this intersection will be needed in the near future, when additional development of the adjacent properties occurs. The anticipated improvement will be warranted due to the truck traffic from these new businesses generating substantial turning movements as the trucks travel west to the Corporate Woods Drive Interchange.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design				79,700		79,700
Construction Costs					500,000	500,000
Street Lighting					20,000	20,000
Total				79,700	520,000	599,700

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated				79,700	520,000	599,700
Total				79,700	520,000	599,700

Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 40 years

Category Streets and Alleys

Priority 2 Very Important

Project # STR-13-002

Project Name NW 36th Street/Elementary #10 Improvements

Description

Total Project Cost: \$2,670,000

Street and utility improvements to support the future Elementary School #10 near the northwest quadrant of the intersection of NW 36th Street and NW State Street:

NW 36th Street from State Street west ½ mile: half of the 4-lane arterial street.

NW 36th Street from west to NW Irvinedale Drive: surface milling and 4" asphalt overlay.

New collector street from NW 36th Street north 700' to the north side of the school site.

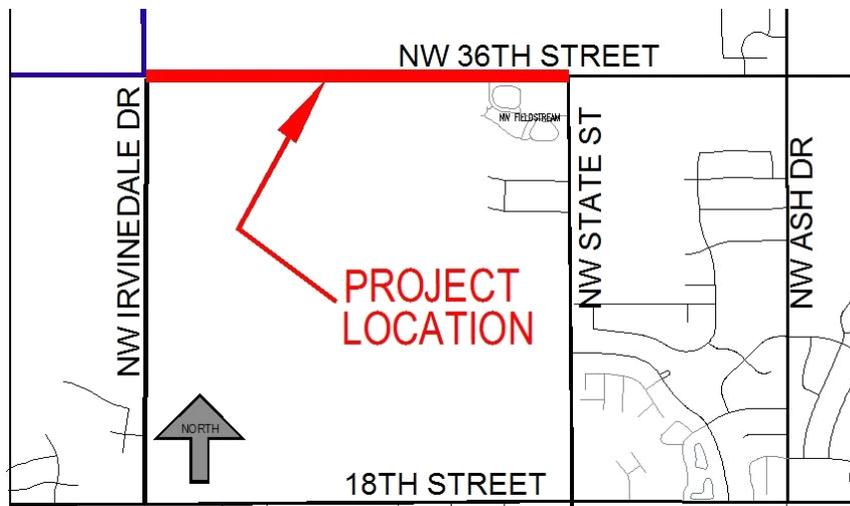
New 18" sanitary sewer extension from NW 36th Street north 700' to the north end of the school site.

Justification

The above four projects are targeted for completion prior to the opening of the new Elementary #10 School. Through negotiations with the school district, these improvements will be financed by the value of the surplus property owned by the school district at this location (approximately 70 acres). An agreement to facilitate the property transfer has been approved, but is contingent upon a school bond issue passing early in 2013.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	430,000					430,000
Construction Costs	2,240,000					2,240,000
Total	2,670,000					2,670,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	2,420,000					2,420,000
Sewer Cash Balances	100,000					100,000
Water Cash Balances	150,000					150,000
Total	2,670,000					2,670,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 20 years
Category Streets and Alleys
Priority 2 Very Important

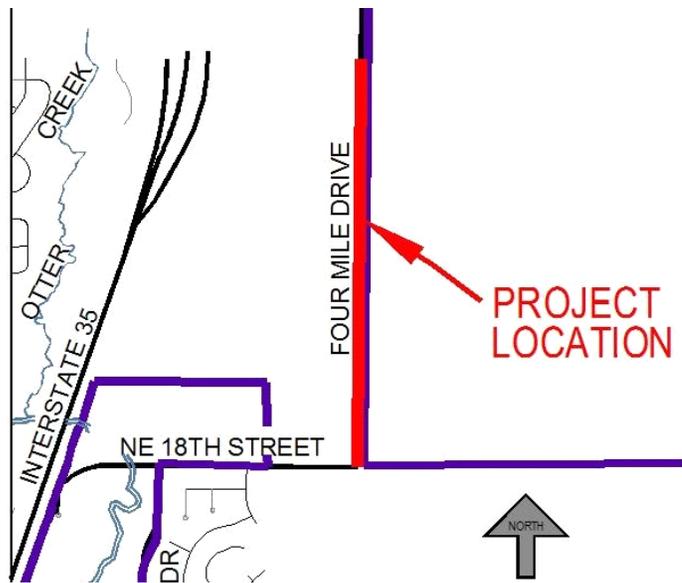
Project # STR-13-003
Project Name NE Four Mile Drive Asphalt Paving - 18th to 36th

Description **Total Project Cost:** \$450,000
Paving of the existing gravel roadway on NE Four Mile Drive from NE 18th Street to NE 36th Street. Project includes gravel base application, culvert extensions, 5" asphalt paving, granular shoulders, pavement markings, etc.

Justification
Numerous plats within the Deer Creek subdivision are being constructed at this time, with additional plats anticipated in the near future. Construction access has been a recurring problem for Deer Creek, as the access from the south is restricted by a bridge with a 5-ton weight limit. Access from the east is on a gravel road (NE 18th Street) that has homes on it. The construction traffic has deteriorated and damaged this gravel road to the point that it needs substantial regular maintenance. The new NE 36th Street Interchange will open to traffic this winter. With the opening of the interchange, the Deer Creek construction traffic will use it and access the building lots from the north. It is anticipated that the gravel route of NE Four Mile Drive will have to carry this heavy traffic. Paving this 1-mile roadway will save substantial maintenance costs, will support the Deer Creek development, and will address the concerns of the adjacent county residents.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	450,000					450,000
Total	450,000					450,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds	225,000					225,000
School/County Contributions	225,000					225,000
Total	450,000					450,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Public Works

Contact City Engineer

Type Improvement

Useful Life 40 years

Category Streets and Alleys

Priority 3 Important

Project # STR-13-004
Project Name NE Elementary School Entrance/Turn Lane

Description **Total Project Cost:** \$75,000

Widening of the existing 31' section of NE Trilein Drive adjacent to Northeast Elementary School to provide a left turn lane for southbound vehicles entering the school parking lot. Project includes storm sewer relocation, pavement markings, and associated improvements.

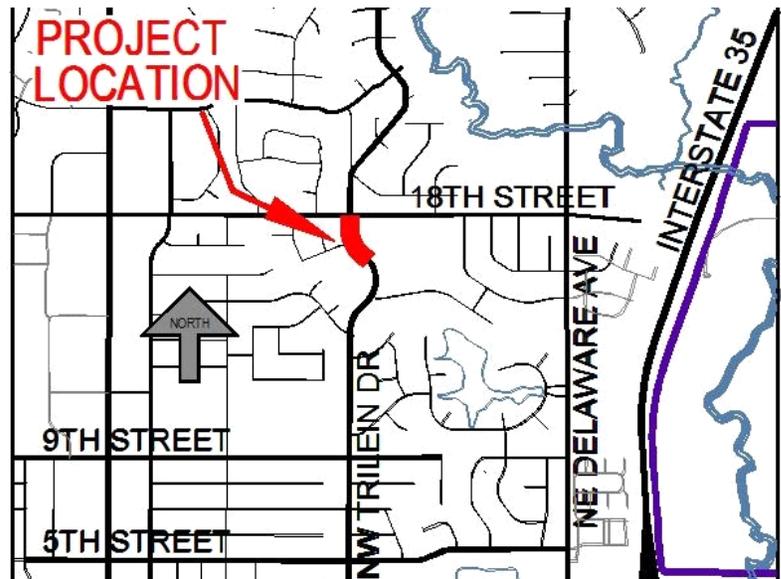
This project will also require that a "no parking" zone be established along the 6 homes along the widening section.

Justification

During the morning school start times, there is a large volume of cars driving southbound that turn left into the school parking lot (to drop off students). Intermixed with these cars are drivers who are trying to drive south past the school. There has been a recurring problem with these drivers going around the stopped vehicles on the left side to bypass the queue of cars. Adding this left turn lane would eliminate this safety hazard.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design		8,000				8,000
Construction Costs		67,000				67,000
Total		75,000				75,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds		75,000				75,000
Total		75,000				75,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Public Works
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Streets and Alleys
Priority 2 Very Important

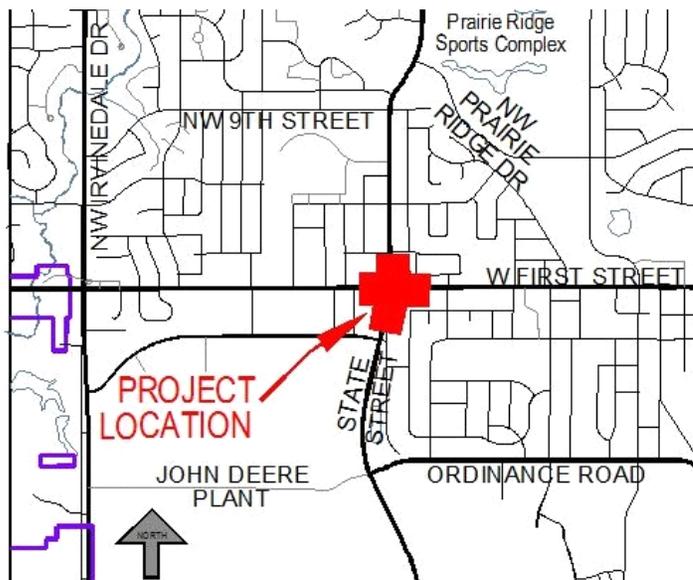
Project # STR-13-005
Project Name W 1st & State Intersection Improvements

Description **Total Project Cost: \$1,030,000**
 Reconstruction of the intersection to provide medians, left turn lanes and new traffic signals. Right-of-way acquisition is anticipated to reconstruct the intersection. Major utility relocations will be needed, and a symmetrical widening will be completed on all four legs of the intersection.

Justification
 This intersection is subject to heavy traffic from all four directions at all times, with the peak-hour volumes causing the traffic patterns to break down. There have been a large number of accidents at this location, mainly due to the lack of sight distance and a lack of dedicated turn lanes. Public Works recently applied for a TEAP grant for this intersection, and the application was successful. This grant will cover the costs of a preliminary engineering study to determine the improvements needed to address the safety and capacity problems.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	15,000	20,000	100,000			135,000
Construction Costs			820,000			820,000
Street Lighting			25,000			25,000
Land/ROW Acquisition		50,000				50,000
Total	15,000	70,000	945,000			1,030,000

Funding Sources	2013	2014	2015	2016	2017	Total
FHWA/IDOT Grants	15,000		350,000			365,000
G.O. Bonds		70,000	595,000			665,000
Total	15,000	70,000	945,000			1,030,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 thru 2017

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 40 years

Category Streets and Alleys

Priority 2 Very Important

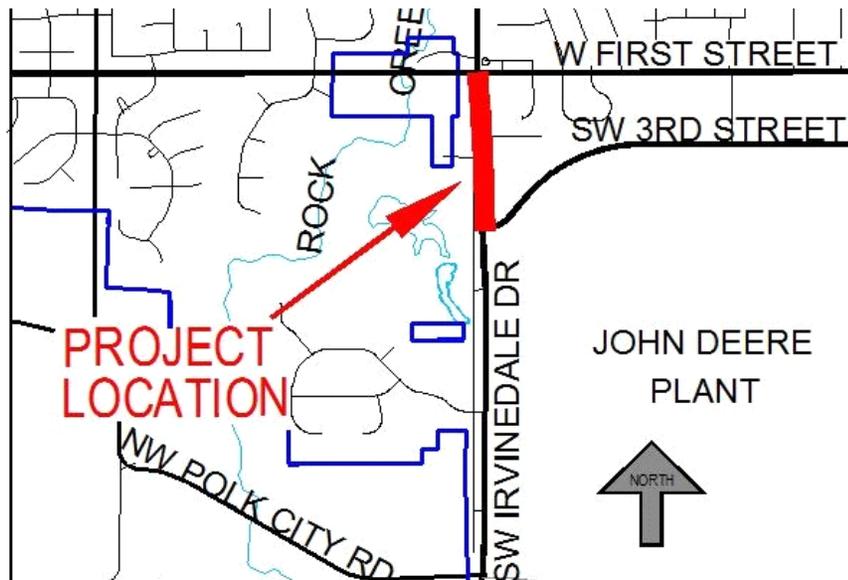
Project # STR-13-006
Project Name SW Irvinedale Drive Reconstruction - Phase 3

Description **Total Project Cost:** \$1,500,000
 Full reconstruction of SW Irvinedale Drive. Phase 3 includes full reconstruction of Irvinedale Drive from SW 3rd Street north to West First Street. The scope of this project includes reconstruction as a 4-lane urban roadway with curbs, storm sewers, and all utilities. A sanitary sewer will also be constructed along the west side of the street.

Justification
 Phase 3 is being proposed at this time to complete the reconstruction of the entire corridor. Until that time, this short segment will be a bottleneck as it is only 2 lanes in width. The reach also has safety concerns.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	170,000					170,000
Construction Costs	1,225,000					1,225,000
Street Lighting	55,000					55,000
Land/ROW Acquisition	50,000					50,000
Total	1,500,000					1,500,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	1,500,000					1,500,000
Total	1,500,000					1,500,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Public Works

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Traffic Control

Priority 3 Important

Project # TRF-00-001
Project Name Annual Traffic Signal Improvement Program

Description **Total Project Cost: \$1,405,000**

Projects included in this program are for full permanent traffic signals, with cameras, battery backup systems, and fiber optic connections for system synchronizing. Intersections identified as possible candidates based on public concern, accident history, and traffic volumes include:

2013: NW State Street and NW Prairie Ridge Drive - Signals = \$200,000
 2013: SW State Street from Oralabor south to NW 72nd Signals - Fiber Optic Cable = \$60,000
 2014: SE Delaware and SE 8th at Mill Pond - Signals = \$200,000
 2014: SW Oralabor Road from Irvinedale west to NW 26th Signals - Fiber Optic Cable = \$80,000
 2015: NW Irvinedale Drive and NW 18th Street - Signals = \$250,000 (Engineering Services = \$25,000)
 2015: City Hall in Prairie Trail from SW State Street Fiber Optic Cable = \$40,000 (placeholder - no estimate)
 2016: SW Oralabor Road and SW Glenbrooke/Westwinds Boulevard = \$250,000 (Engineering Services = \$25,000)
 2017: SW Ordnance Road and SW 3rd Street = \$250,000/Engineering Services = \$25,000

Justification

The city has nearly 50 signalized intersections. Having a proper signal network in place reduces accidents, promotes positive traffic flow, saves gasoline and increases citizen satisfaction. The above preliminary locations are based on current information. The city will attempt to obtain TSIP, U-Step or ICAAP funding for signal projects located on state highways. Turn lane improvements may be needed with a new signal installation. If so, funding for the lane improvements may need to be secured separately.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design			25,000	25,000	25,000	75,000
Construction Costs	260,000	280,000	290,000	250,000	250,000	1,330,000
Total	260,000	280,000	315,000	275,000	275,000	1,405,000

Funding Sources	2013	2014	2015	2016	2017	Total
Capital Project Cash Balances	260,000	30,000	65,000	25,000	25,000	405,000
G.O. Bonds		250,000	250,000	250,000	250,000	1,000,000
Total	260,000	280,000	315,000	275,000	275,000	1,405,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Sewer Utility
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Sanitary Sewers
Priority 3 Important

Project # COR-13-002
Project Name SW Des Moines Street Trunk Sewer

Description **Total Project Cost:** \$750,000
 Construction of a sanitary sewer along SW Prairie Trail Parkway and along SW Des Moines Street from Prairie Trail Parkway north to SW 11th Street.

Justification
 This sewer is needed to serve the eastern section of Prairie Trail, and it should be constructed in coordination with the SW Des Moines Street projects.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs		750,000				750,000
Total		750,000				750,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated		750,000				750,000
Total		750,000				750,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Sewer Utility
Contact Municipal Utilities Director
Type Maintenance
Useful Life 40 years
Category Sanitary Sewers
Priority 2 Very Important

Project # SNS-00-001
Project Name Annual Sanitary Sewer Replacement Program

Description	Total Project Cost: \$3,600,000
<p>This project includes funding for sanitary sewer oversizing and 1/3 of the cost of the SW Southlawn Drive Utility and Paving Replacement project. In addition, funds will be used for repairs of defects that are discovered through our sewer televising program. So far staff has identified approximately 90 structural defects that have the worst "5" rating. In addition, several blocks of sewer have been identified as good candidates for sliplining, which prevents root intrusion and resolves offset and/or leaky joints. Specific projects include:</p> <p>2013: SW Southlawn Utility and Paving Replacement SE Sharon Drive Relief Sewer Sanitary Sewer Repair - Saylor Creek NE 7th Street Sanitary Sewer Replacement NW 36th Street/Elementary #10 Replacement</p> <p>2014-2017: Sanitary Sewer Oversizing Sanitary Sewer Spot Repairs Sanitary Sewer Manhole Repairs Sanitary Sewer Slip Lining Program SW Southlawn Utility and Paving Replacement SW 3rd Street Utility and Paving Replacement</p>	

Justification

The projects in this program are identified by visual inspection of the sanitary sewer manholes and pipes by city staff or investigations resulting from a resident complaint. The city staff is continually inspecting portions of the sanitary sewer system to monitor the condition and detect parts of the system that are in need of repair. The projects in this program are driven by the need to reduce inflow and infiltration and the concept that it is better to take care of a problem before it negatively impacts someone.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	400,000	400,000	400,000	400,000	400,000	2,000,000
Total	400,000	400,000	400,000	400,000	400,000	2,000,000

Funding Sources	2013	2014	2015	2016	2017	Total
Sewer Cash Balances	400,000	400,000	400,000	400,000	400,000	2,000,000
Total	400,000	400,000	400,000	400,000	400,000	2,000,000

Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Sewer Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Sanitary Sewers
Priority 2 Very Important

Project # SNS-10-001
Project Name SE Area Sanitary Sewer Improvements

Description **Total Project Cost:** \$900,000
 This project involves a relief sewer along SE Uehlar Drive from SE Delaware Avenue to SE Trilein Drive. A branch of sewer would extend north on SE Trilein Drive to SE Third Street. A second branch of the sewer would extend through the intersection of SE Peterson Drive and SE Sharon Drive.

Justification
 The project schedule is being adjusted to reflect that the first phase will take two construction seasons, instead of one. The latter phases are being pushed back one year, as they are dependent on the first phase.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	800,000	100,000				900,000
Total	800,000	100,000				900,000

Funding Sources	2013	2014	2015	2016	2017	Total
Sewer Cash Balances	800,000					800,000
Sewer Revenue Bonds/SRF		100,000				100,000
Total	800,000	100,000				900,000



Capital Improvement Plan

2013 *thru* 2017

City of Ankeny, Iowa

Department Sewer Utility

Contact Municipal Utilities Director

Type New Construction

Useful Life 40 years

Category Sanitary Sewers

Priority 4 Less Important

Project # SNS-11-001
Project Name Otter Creek Trunk Sewer Phase 3

Description

Total Project Cost: \$1,401,500

New trunk sewer extended from the north end of Otter Creek Trunk Sewer Phase 2 on the east side of Interstate 35 and extending north to NE 118th Avenue.

Justification

This project is development and/or annexation driven. Extending the sewer east of the interstate will allow Ankeny to continue to grow north and east and provide City services out to the future NE Beltway. The timing of the project is being pushed back to 2017.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design					215,230	215,230
Construction Costs					982,270	982,270
Land/ROW Acquisition					204,000	204,000
Total					1,401,500	1,401,500

Funding Sources	2013	2014	2015	2016	2017	Total
Sewer Revenue Bonds/SRF					1,401,500	1,401,500
Total					1,401,500	1,401,500

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Sewer Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Sanitary Sewers
Priority 3 Important

Project # SNS-12-002
Project Name West Outfall Relief Sewer

Description **Total Project Cost:** \$1,316,000
 This improvement involves additional pipe capacity from the John Deere Lift Station north through the critical reach to West First Street.

Justification
 This sewer would be designed to ensure the West Outfall does not surcharge north of the John Deere Lift Station. The project is being pushed back to 2014 based on staff capacity and other major sewer projects that will be in process during 2013.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design		184,500				184,500
Construction Costs		1,131,500				1,131,500
Total		1,316,000				1,316,000

Funding Sources	2013	2014	2015	2016	2017	Total
Sewer Revenue Bonds/SRF		1,316,000				1,316,000
Total		1,316,000				1,316,000

Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Sewer Utility
Contact City Engineer
Type New Construction
Useful Life 40 years
Category Sanitary Sewers
Priority 2 Very Important

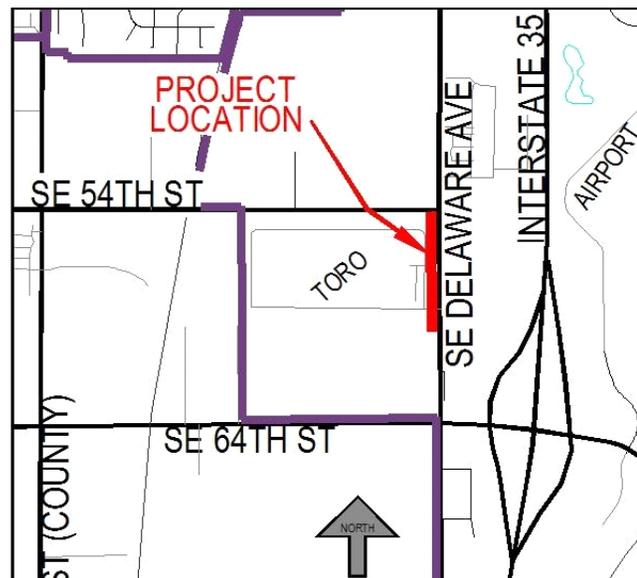
Project # SNS-13-001
Project Name SE Delaware Sanitary Sewer Extension

Description **Total Project Cost:** \$200,000
 Sanitary sewer along the west side of SE Delaware Avenue extending north from SE Corporate Woods Drive to serve the expanding industrial/commerical area.

Justification
 Expansion of the city sewer system to serve new development.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	200,000					200,000
Total	200,000					200,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated	200,000					200,000
Total	200,000					200,000



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Stormwater Utility

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Storm Water Facilities

Priority 3 Important

Project # COR-13-003
Project Name SW Des Moines Street Drainage Improvements

Description **Total Project Cost:** \$2,740,000
 Planned storm water quality and detention improvements for the large open areas to be established between the northbound and southbound lanes of SW Des Moines Street/Parkway in Prairie Trail.

Justification
 This will establish the regional storm water quality feature according to the Prairie Trail Master Plan.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design		80,000				80,000
Construction Costs			1,460,000	1,200,000		2,660,000
Total		80,000	1,460,000	1,200,000		2,740,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated		80,000	1,460,000	1,200,000		2,740,000
Total		80,000	1,460,000	1,200,000		2,740,000

Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Stormwater Utility

Contact City Engineer

Type New Construction

Useful Life 20 years

Category Storm Water Facilities

Priority 3 Important

Project # COR-13-004
Project Name Chautauqua Park Drainage Improvements

Description **Total Project Cost:** \$150,000
 Water quality and detention improvements in Chautauqua Park within Prairie Trail.

Justification
 This large park area will be developed with water quality features so that it functions as a regional facility within Prairie Trail.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design			150,000			150,000
Total			150,000			150,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-TIF Abated			150,000			150,000
Total			150,000			150,000

Capital Improvement Plan

2013 *thru* 2017

City of Ankeny, Iowa

Department Stormwater Utility

Contact Municipal Utilities Director

Type Maintenance

Useful Life 20 years

Category Storm Water Facilities

Priority 2 Very Important

Project # STM-00-001

Project Name Annual Storm Water Replacement Program

Description

Total Project Cost: \$2,250,000

Annual allocation of capital improvement funds for repair and replacement of storm sewers, structures, channels, etc. Specific projects include:

2013:

Deer Creek Plat 1 Storm Sewer Extension

Ledgestone Plat 5 & 6 Cost Share

Storm Water Conservation Design Features in City Parks

Storm Water Projects (TBD)

2014:

Four Mile Creek Bank Stabilization

Storm Water Conservation Design Features in City Parks

2015:

Boulder Brook Storm Sewer Replacement

Storm Water Conservation Design Features in City Parks

Storm Water Projects (TBD)

2016-2017:

Storm Water Conservation Design Features in City Parks

Storm Water Projects (TBD)

Justification

Funding will be utilized to install aerators or other pond improvements for stormwater quality and to increase stormwater detention. Other issues that arise are related to footing drain collection sewers that are plugged with roots or other blockages. Storm sewers that are causing erosion problems in rear yards are extended to a point of stability. Other storm sewers that are deteriorated are replaced as needed.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Funding Sources	2013	2014	2015	2016	2017	Total
Stormwater Cash Balances	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	250,000	250,000	250,000	250,000	250,000	1,250,000

Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Stormwater Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Storm Water Facilities
Priority 3 Important

Project # STM-10-001
Project Name SE 4th and SE Wanda Area Storm Sewer Improvements

Description **Total Project Cost: \$800,000**
 This project includes the construction of a large diameter storm sewer along SE Uehlar Drive from SE Delaware Avenue to SE Trilein Drive. A smaller storm sewer is to be extended into the SE 4th and SE Wanda Area. A storm sewer is also to be constructed along SE Trilein Drive from SE Peterson Drive to SE Lawrence Drive.

Justification
 The project schedule is being adjusted to reflect that the first phase will take two construction seasons, instead of one. The latter phases are being pushed back one year, as they are dependent on the first phase.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	100,000	700,000				800,000
Total	100,000	700,000				800,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-Storm Abated	100,000	700,000				800,000
Total	100,000	700,000				800,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 thru 2017

Department Stormwater Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 20 years
Category Storm Water Facilities
Priority 2 Very Important

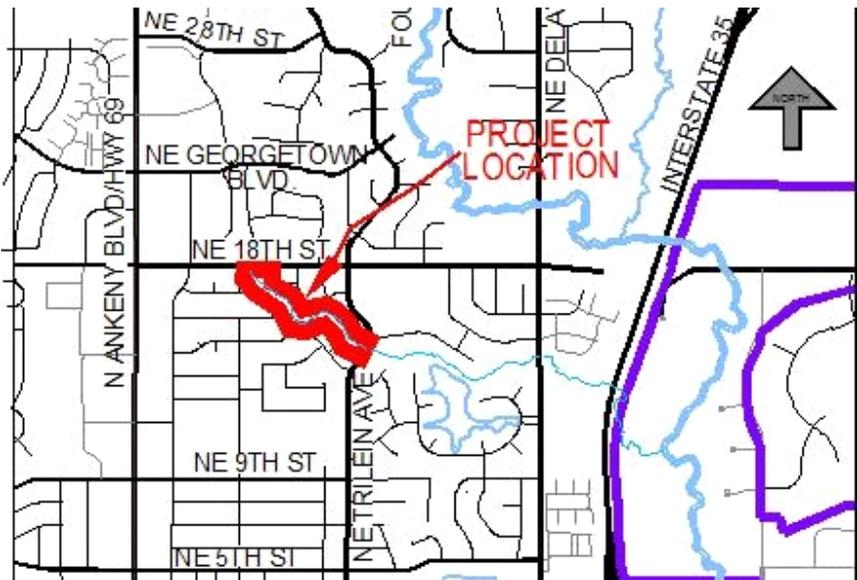
Project # STM-11-001
Project Name Trib A to Four Mile Creek Channel Improvements

Description **Total Project Cost:** \$945,216
 Stream restoration to repair and stabilize the existing creek channel using a variety of techniques.

Justification
 This project addresses severe erosion that has occurred in the stream channel. The funding proposes the project be split into three phases: upper reach, middle reach and lower reach. However, the design costs are shown all in the first year, as are the easement acquisitions. The engineering costs in the later years reflect construction administration and observation costs only.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Construction Servi	79,134	25,890				105,024
Construction Costs	633,072	207,120				840,192
Total	712,206	233,010				945,216

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-Storm Abated	712,206	233,010				945,216
Total	712,206	233,010				945,216



Capital Improvement Plan
City of Ankeny, Iowa

2013 *thru* 2017

Department Stormwater Utility
Contact Municipal Utilities Director
Type Improvement
Useful Life 40 years
Category Storm Water Facilities
Priority 4 Less Important

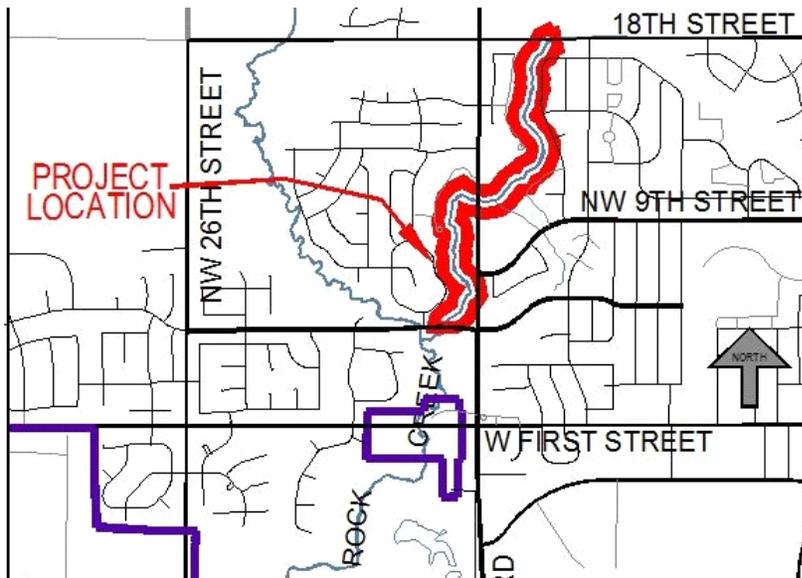
Project # STM-11-002
Project Name North Creek Channel Improvements

Description **Total Project Cost:** \$919,000
 Stream channel repair and stabilization from NW 5th Street to NW 18th Street.

Justification
 This project addresses severe erosion that has occurred along the creek. It also provides some detention within the North Creek Park. The project is split into two phases. The first phase is upstream of NW Irvinedale Drive. The second phase is between NW 5th Street and NW Irvinedale Drive.

Expenditures	2013	2014	2015	2016	2017	Total
Engineering-Design	61,400					61,400
Construction Costs	857,600					857,600
Total	919,000					919,000

Funding Sources	2013	2014	2015	2016	2017	Total
G.O. Bonds-Storm Abated	919,000					919,000
Total	919,000					919,000



Capital Improvement Plan

City of Ankeny, Iowa

2013 *thru* 2017

Department Stormwater Utility

Contact City Engineer

Type New Construction

Useful Life 40 years

Category Storm Water Facilities

Priority 2 Very Important

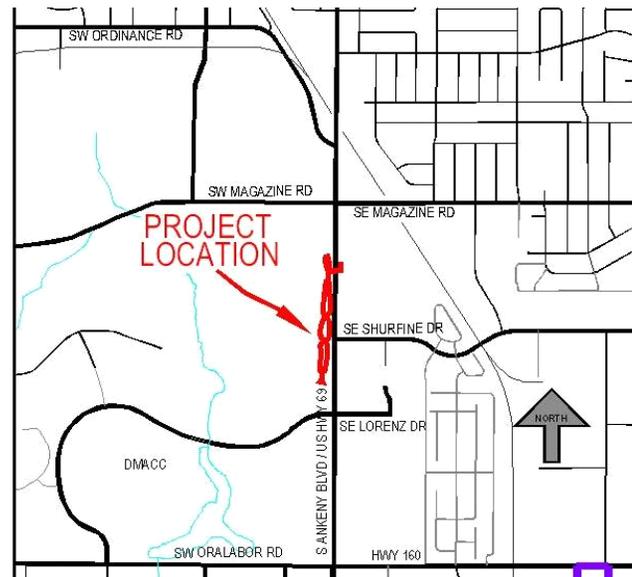
Project # STM-12-002
Project Name South Ankeny Boulevard Drainage Improvements

Description **Total Project Cost:** \$330,000
 The commercial properties along the east side of South Ankeny Boulevard (Imperial RV, Sudzee's Car Wash, etc.) are subject to flooding of their properties due to a lack of drainage capacity in the open ditch that fronts their properties. A plan for a solution has been formulated between the Iowa DOT, DRA and the City to transfer the drainage to the west side of the highway and to accommodate it in a pond system that would be located within the proposed green space of Prairie Trail.

Justification
 This drainage improvement would eliminate a recurring flooding problem. The concept for the project was originally initiated by the affected property owners petitioning the city council. The Iowa Department of Transportation (IDOT) has agreed to fund 1/3 of the costs of this project based on their proportionate share of the contributing drainage area. An agreement will be obtained from the IDOT when the project design is started.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	330,000					330,000
Total	330,000					330,000

Funding Sources	2013	2014	2015	2016	2017	Total
FHWA/IDOT Grants	108,000					108,000
G.O. Bonds-Storm Abated	222,000					222,000
Total	330,000					330,000



Capital Improvement Plan

2013 thru 2017

City of Ankeny, Iowa

Department Water Utility
Contact Municipal Utilities Director
Type Maintenance
Useful Life 40 years
Category Water Mains
Priority 2 Very Important

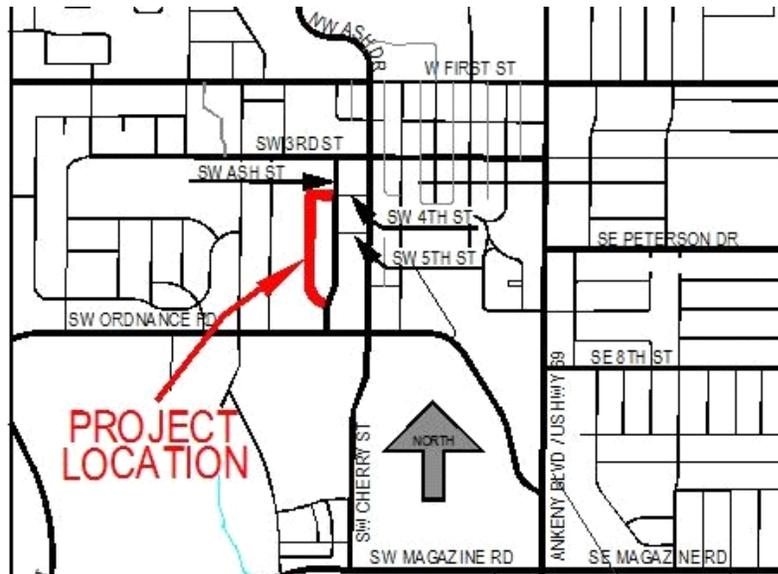
Project # WTM-00-001
Project Name Annual Water Main Extension/Replacement Program

Description **Total Project Cost:** \$4,500,000
 Water main oversizing, 4" water main replacement, new facilities (small projects) and major repairs to the water system as needed to maintain proper flows and pressures. Specific projects:
 2013: SW Southlawn Utility and Paving Replacement (Water Main Oversizing)
 SW Maple Street Water Main Improvements
 NW 36th Street/Elementary #10 Improvements
 2014: SW Southlawn Utility and Paving Replacement (Water Main Oversizing)
 SW Maple Street Water Main Improvements
 2015-2017: SW 3rd Street Utility and Paving Replacement (Water Main Oversizing)
 Replacement of 4" Water Mains with 8" Water Mains (TBD)

Justification
 Maintaining and improving the water system is necessary to maintain proper fire flows and capacity of drinking water throughout Ankeny.

Expenditures	2013	2014	2015	2016	2017	Total
Construction Costs	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

Funding Sources	2013	2014	2015	2016	2017	Total
Water Cash Balances	500,000	500,000	500,000	500,000	500,000	2,500,000
Total	500,000	500,000	500,000	500,000	500,000	2,500,000

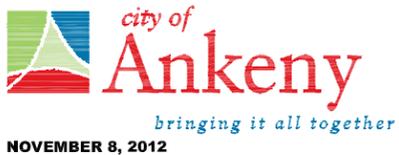
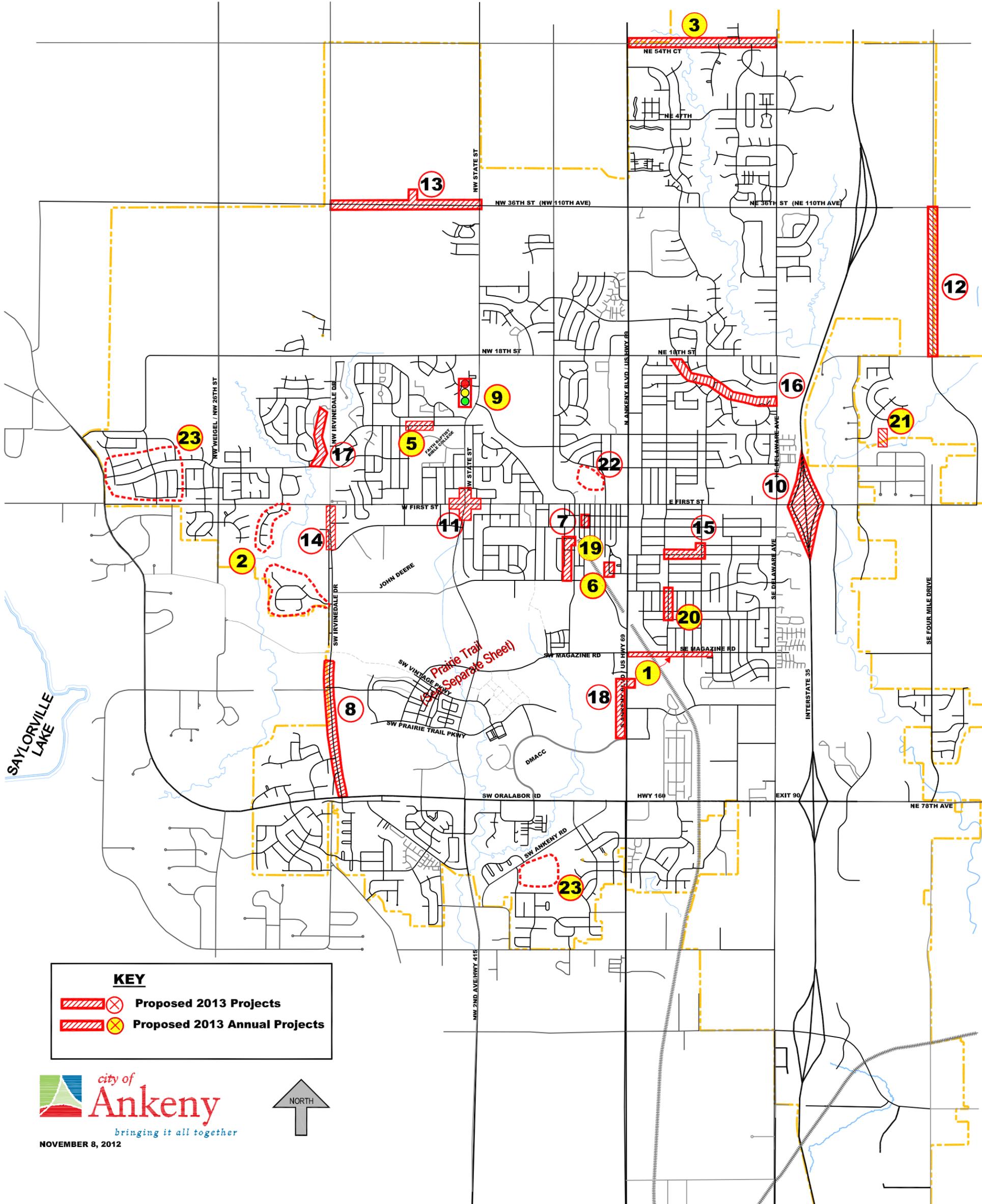


Section 5

CITY OF ANKENY

2013 - 2017 CAPITAL IMPROVEMENTS PROGRAM

YEAR 2013 PROJECTS

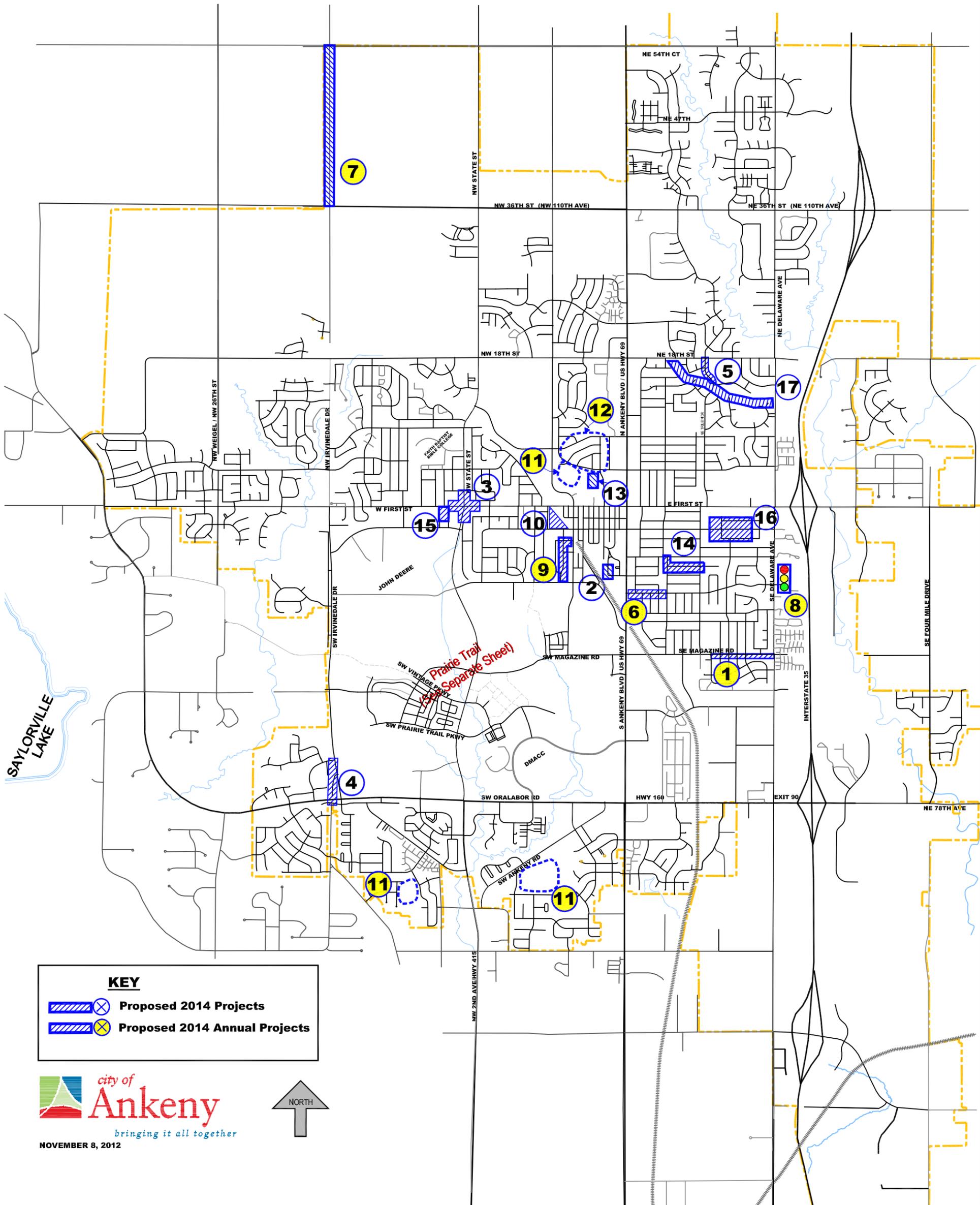


NOVEMBER 8, 2012

2013 PROJECT LISTING

- 1 Annual Sidewalk/Trail Construction Program**
- 2 Annual PCC Street Patching Program**
- 3 Annual Asphalt Resurfacing Program (NE 54th Street)**
- 4 Annual Pavement Preservation Program**
- 5 Annual Street Replacement Program (NW 9th Street, Linden to Abilene)**
- 6 SW Southlawn Drive Utility and Paving Replacement**
- 7 SW Walnut Street Uptown Revitalization**
- 8 SW Irvinedale Drive Reconstruction Phase 2**
- 9 Annual Traffic Signal Improvement Program (NW State Street and Prairie Ridge Drive)**
- 10 I-35 / First Street Interchange Design Services**
- 11 West 1st St. and State St. Intersection Improvements**
- 12 NE Fourmile Drive Asphalt Paving - NE 18th to NE 36th**
- 13 NW 36th Street/Elementary #10 Improvements**
- 14 SW Irvinedale Drive Reconstruction Phase 3**
- 15 SE Area Sanitary Sewer Improvements**
- 16 Tributary "A" to Fourmile Creek Channel Improvements**
- 17 Northcreek Channel Improvements**
- 18 South Ankeny Blvd. Drainage Improvements**
- 19 Annual Water Main Replacement Program (SW Maple Street Water Main)**
- 20 Annual Sanitary Sewer Replacement Program (SE Sharon Drive Relief Sewer)**
- 21 Annual Storm Water Replacement Program (Deer Creek Storm Sewer Extension)**
- 22 Miracle Park Project/Hawkeye Sports Field Lighting**
- 23 Annual Park Development (Cherry Glenn and Somersby Trails)**

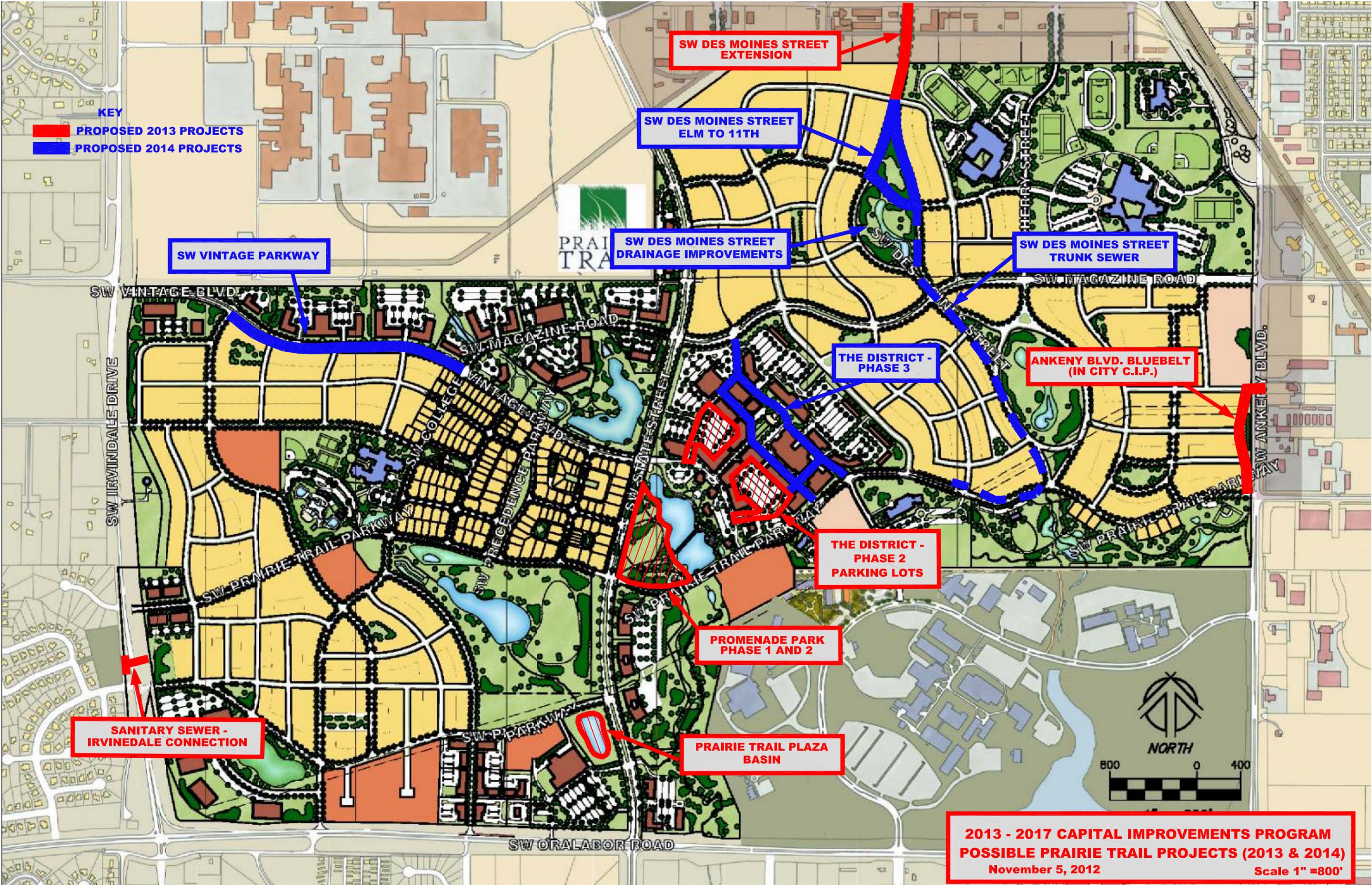
CITY OF ANKENY 2013 - 2017 CAPITAL IMPROVEMENTS PROGRAM YEAR 2014 PROJECTS



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2014 PROJECT LISTING

- 1 Annual Sidewalk/Trail Construction Program (SE Magazine Trail)**
- 2 SW Southlawn Drive Utility and Paving Replacement**
- 3 West 1st St. and State St. Intersection Improvements**
- 4 SW Irvinedale Drive Trail Connection**
- 5 NE Elementary School Entrance/Turn Lane**
- 6 Annual Street Replacement Program (SE 8th Street, Hwy 69 to Sharon)**
- 7 Annual Asphalt Resurfacing Program (NW Irvinedale Drive)**
- 8 Annual Traffic Signal Improvement (SE Delaware Ave & SE 8th Street)**
- 9 Annual Water Main Replacement Program (SW Maple Street Water Main)**
- 10 Ankeny Market and Pavilion**
- 11 Annual Park Development Program (Sawgrass, Somersby, & Hawkeye)**
- 12 Annual Sanitary Sewer Replacement Program**
- 13 Miracle Park Project**
- 14 Southeast Area Sanitary Sewer Improvements**
- 15 West Outfall Relief Sewer**
- 16 SE 4th & SE Wanda Area Storm Sewer Improvements**
- 17 Tributary "A" to Fourmile Creek Channel Improvements**



KEY
 PROPOSED 2013 PROJECTS
 PROPOSED 2014 PROJECTS

SW VINTAGE PARKWAY

SW DES MOINES STREET EXTENSION

SW DES MOINES STREET ELM TO 11TH

SW DES MOINES STREET DRAINAGE IMPROVEMENTS

SW DES MOINES STREET TRUNK SEWER

THE DISTRICT - PHASE 3

ANKENY BLVD. BLUEBELT (IN CITY C.I.P.)

THE DISTRICT - PHASE 2 PARKING LOTS

PROMENADE PARK PHASE 1 AND 2

PRAIRIE TRAIL PLAZA BASIN

SANITARY SEWER - IRVINDALE CONNECTION

2013 - 2017 CAPITAL IMPROVEMENTS PROGRAM
POSSIBLE PRAIRIE TRAIL PROJECTS (2013 & 2014)
 November 5, 2012
 Scale 1" = 800'