



**RECOMMENDED
CAPITAL IMPROVEMENT
PROGRAM
2018-2019/2023-2024**

CITY OF DES MOINES, IOWA

CAPITAL IMPROVEMENT PROGRAM

FOR FISCAL YEARS
2018-19/2023-2024

City Council

Frank Cownie
Mayor

Christopher Coleman
At-Large

Connie Boesen
At-Large

Bill Gray
First Ward

Linda Westergaard
Second Ward

Josh Mandelbaum
Third Ward

Joe Gatto
Fourth Ward

Officials

Scott Sanders
City Manager

Robert Fagen
Finance Director

INTRODUCTION

HISTORY OF THE CITY

The City of Des Moines was incorporated in 1851 and operates under Home Rule authority. Extending over 90.65 square miles, it is home to just over 210,000 people. The five-county metropolitan area in terms of population in the United States with 611,549 residents according to the 2014 estimate by the United States Census Bureau. It is a river city, intersected by the Des Moines and Raccoon Rivers.

The City provides a full range of services including:

- police and fire protection
- solid waste and recycling collection
- park and recreation programs
- library services
- construction and maintenance of infrastructure, including:
 - streets, roads, and bridges
 - traffic control
 - storm water and sanitary sewer collection systems
- enforcement of zoning and building regulations
- operation and maintenance of a municipal parking system
- housing and social services
- economic development

School, Transit, and Water (treatment and distribution) services are provided by other entities. The Des Moines Metropolitan Wastewater Reclamation Authority, governed by the Wastewater Reclamation Authority Management Agency, a separate entity, provides treatment of the City's wastewater. On November 1, 2011, the Des Moines International Airport became an independent Airport Authority. Until that time, it was a department of the City.

Des Moines is the capital of the State of Iowa and operates under the Council-Manager form of government. The Mayor and two Council Members are elected at large; four other Council Members each represent a ward of the City.

Des Moines is the industrial, commercial, financial, trade, and transportation center of the State of Iowa. The City's insurance industry is one of the largest in the world. While Iowa is an agricultural state, the City's economic diversification buffers it from the farm economy. Further, as many of the state's rural areas experience population decline, the Des Moines metropolitan area continues to grow.

WHAT IS A CAPITAL IMPROVEMENT PROGRAM?

Knowing the major components of a *Capital Improvements Program (CIP)* will help one better understand this complex document. The following are the major components of this CIP:

Capital Improvement Program all of the *Capital Improvement Projects* that are in the *Capital Budget, and the five fiscal years following*. The *Capital Improvement Program* helps to better plan for, prioritize, and coordinate capital improvement projects within a city's limited resources. This helps avoid surprises, and coordinate financing, through single debt issuances or planned rate increases. The City of Des Moines has adopted a CIP each and every year since before 1965.

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Capital Budget is the first year of the *Capital Improvement Program* that includes a detailed source of funding for each project. The *Capital Budget* is formally adopted by March 15th of each year, in conjunction with the Operating Budget. The two budgets are tied together in that capital improvement projects often impact operating costs. The operating budget should reflect any corresponding changes in resource allocation due to CIP projects.

Capital Improvement Project is a major expenditure involving all aspects of the construction, renovation, and repair of City owned buildings and infrastructure. Such projects usually have a minimum useful life of 10 years, costs exceeding \$10,000, and are funded in whole, or in part, through the issuance of Bonds, Federal Funds, State Funds, or user fees specifically designated for such a purpose.

Capital Improvement Projects do not include: normal operating expenditures for employee salaries, routine maintenance and repair, other activities associated with, or consumed during a single fiscal year, and capital outlays (projects and equipment that fail to meet the definition of a capital project).

Budget Process - The City's fiscal year runs from July 1, through June 30. The budget must be adopted and certified to the State by March 15 of each year.

In late September of each year, city departments are given an updated copy of each project sheet with the previous year's revenue and expenditure activity, and ending cash balance. The Research and Budget Office coordinates this entire process.

Departments are asked to review each project sheet for the project's timing, total cost, funding sources, and narrative. The Departments are given the opportunity to include new projects within the time frame of the current CIP, as well as add new projects/continue existing projects into the last year of the proposed CIP (the 6th year). Departments are asked to consider the recommendations of the city's various Boards and Commissions when proposing projects, and well as following the goals outline the City's [Strategic Plan](#).

All of the proposals are assembled and their costs are compared to the limited funding sources. Projects are then prioritized within the available funding sources.

The City Manager's recommended CIP document is normally prepared for presentation to the City Council by January of each year. The City Council and City Manager hold budget workshops and informal hearings to give city departments the opportunity to present their budgets and answer questions from the City Council and the public. In late February or early March, a formal public hearing is held where the current year's budget is amended, the following year's budget is adopted, and the five (5) year CIP plan is approved.

Each year some projects are either scaled back, postponed or eliminated, with funding being moved to other projects. Projects may also fall behind the anticipated schedule with dollars not being spent in the fiscal year they were originally budgeted. Therefore, this funding is carried-over to the next fiscal year, increasing the total budget from what was forecasted the previous year.

Long Range Planning:

Following a 19-month process involving extensive public outreach to all areas of the City, the “[PlanDSM](#)”, Comprehensive Plan was approved by the City Council on April 25, 2016 (Roll Call 16-0717) and is now official policy for the City.

PlanDSM received the “Silver Level” recognition for sustainability from the American Planning Association (the highest level awarded in 2016) and received the “2016 Daniel Burnham Award for a Comprehensive Plan” from the Iowa Chapter of the American Planning Association.

The following chart identifies state and regional planning activities that influenced preparation of *PlanDSM*:



In 2040, Des Moines will have...

- Vibrant, healthy, and walkable neighborhoods with a mixture of housing, recreational opportunities, public spaces, schools, and mixed-use commercial centers.
- Housing that offers a diversity of choices in housing styles and affordability that meets the needs of residents throughout their lives.
- A complete transportation system providing safe and efficient infrastructure for walking, bicycling, mass transit, and automobiles.
- A resilient economy with a robust job environment and the provision of necessary land and infrastructure for business development.
- Protected natural resources and sensitive ecosystems, and clean air and water.

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- Enhanced opportunities for urban agriculture.
- Compassion and inclusion for the physically, intellectually, and economically disadvantaged through programs to ensure accessibility to City services and facilities that are available to the public.
- Sustainable governance recognizing that policies and decisions have environmental, social, and economic impacts on the overall quality of life.
- A vibrant and creative cultural and recreational environment that inspires us as a community, educates us, promotes health and wellness, and is available for all residents.
- A strong and supporting environment for global residents from all heritages.
- Investment in the youth of the City to ensure equal opportunities for education and job training

Staff will continue to coordinate the projects included in the CIP to [PlanDSM](#), the [City's Strategic Plan or GuideDSM](#), priorities identified in the [2016 City of Des Moines Resident Survey](#), and other planning documents and plans – especially in regards to designated neighborhood, and community and regional nodes (activity centers). The following are some important PlanDSM goals:

LAND USE

- Goal 1 - Develop new land development regulations consistent with this Comprehensive Plan, include development standards, provide for a mixture of land uses, mandate protection of natural resources, and promote flexible approaches to implementing the Plan.
- Goal 2 - Direct new growth and redevelopment to areas with existing infrastructure and nodes and corridors based on proximity to transit, shopping, services, and public amenities.

TRANSPORTATION

- Goal 1 - Develop a complete multi-modal transportation network for pedestrians, bikes, transit and automobiles
- Goal 3 - Provide opportunities for healthy lifestyles through walking as a primary mode of transportation
- Goal 5 - Enhance the bicycle network by expanding bicycle facilities that are safe, comfortable and easily accessible
- Goal 6 - Ensure freight facilities continue to meet the needs of the local economy while being sensitive to impacts on surrounding land uses

ECONOMIC DEVELOPMENT

- Goal 2 - Focus economic development efforts in strategic locations for continued vitality and growth

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PUBLIC INFRASTRUCTURE AND UTILITIES

- Goal 1 - Provide safe and reliable public infrastructure and utilities for current residents as well as future development needs
- Goal 3 - Reduce the consumption of energy in City owned buildings
- Goal 6 - Ensure clean, safe water resources are equitably available to all current and future residents

PARKS AND RECREATION

- Goal 1 - Provide safe and reliable public infrastructure and utilities for current residents as well as future development needs
- Goal 3 - Reduce the consumption of energy in City owned buildings
- Goal 6 - Ensure clean, safe water resources are equitably available to all current and future residents

COMMUNITY CHARACTER AND NEIGHBORHOODS

- Goal 3 - Promote the redevelopment and revitalization of neighborhood nodes and corridors
- Goal 6 - Strengthen the walkability and connectivity within and between neighborhoods

COMMUNITY FACILITIES

- Goal 1 - Provide accessible public facilities and spaces for all residents that support safe, active and healthy environments and civic participation
- Goal 3 - Continue a strong library system with highest quality services, programs and resource collections to meet the community's informational, literary, cultural and educational needs

With a vision of how the City will evolve through the year 2040, *PlanDSM* will be a basis for land use decisions and new capital projects. The following chart indicates the relation of *PlanDSM* and the City Council's Strategic Plan - *GuideDSM* to numerous planning and implementation activities that are currently underway.



PlanDSM Vision Statement

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DEBT MANAGEMENT POLICY

One of the most important aspects of the Capital Improvement Plan is debt management. Properly forecasting and managing debt maximizes the City's ability to acquire capital at the lowest-possible borrowing cost, preserve debt capacity for future capital and emergency needs, administer its obligations in an efficient manner, and maintain a high credit standing. Legal and self-imposed limits restrict the City's ability to borrow for general obligation debt. While there are no legal limits for the issuance of revenue bonds, the City's ability to issue debt for these needs is limited by the maximum user fees/rates that are acceptable to the City Council and their constituents.

The City's decision to issue debt is not entered into lightly, but rather as a result of careful planning. The City has established a Debt Administration Policy to help guide decision-makers in planning and developing the Capital Improvement Program. This Policy was last updated by the City Council on January 11, 2016 (RC16-0055). One of the major changes adopted as part of this update was the inclusion of a comprehensive Continuing Disclosure Policy.

The City of Des Moines continues to have extensive capital outlay needs across the organization. Growth requires new infrastructure while existing facilities age and need major repairs and eventual replacement. Long-term obligations will transpire as debt issuances or development agreements. This policy manual is designed to assist in managing these debt issuance needs and it will be referenced to ensure proper procedures are followed throughout the debt issuance process and thereafter in regards to spenddown of proceeds and compliance reporting. In addition, this manual includes references to City Council Policy Directives that are attached as appendices to guide debt planning and preferential repayment structures.

Structural and Economic Guidelines - Debt Limit Policy

- Utilize no more than 80% of the legal debt capacity, as established by the Iowa Constitution, for City capital expenditures.
- Utilize bond proceeds to pay for planned obligations such as capital outlays and not to pay for operating expenses, unless under emergency situations.
- Maintain the debt service levy as low as the prevailing market rates will allow.
- Structure each debt issuance with the shortest reasonable maturities and not to exceed the weighted average of the useful life of the financed projects and equipment.
- Structure each debt issuance with the earliest market-viable and cost effective call date.
- Issuance of General Obligation (G.O.) debt in place of Revenue debt shall not take place if it puts at risk the City's strong G.O. credit ratings.
- Prior to issuance of debt associated with enterprise funds, the Finance Director shall make a recommendation as to whether it is in the best interest of the City to issue the debt as Revenue Bonds or as G.O. Bonds. The recommendation shall include the level of debt capacity available, analysis of the cost to maintain reserve funds and other bond covenants, and the impact, if any, on the City's credit ratings.
- The City's General Fund unassigned fund balance shall be maintained at no less than 15% of annual expenditures on every June 30th. The City's annual Comprehensive Annual Financial Report will illustrate compliance with this directive each year. Monies in excess of sixteen percent (16%) can be used for any lawful purpose, including a transfer to the CIP.
- The City shall maintain sufficient General Fund cash liquidity throughout the fiscal year to pay current expenses.
- Working Capital Balances for Enterprise Funds shall be maintained at not less than 20% of annual expenditures on every June 30th.

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Bond Rating

The following shows the City’s various bond ratings. These excellent ratings were made possible, in part, by the City Council's debt management policy, and more importantly, its adherence to this policy.

services levy would mean that other levies would have to be decreased. Decreases in other city levies would most likely require reduction of services.

Tax Rate

The City has excess bonding capacity, but it is constrained by the tax levy needed to pay the principal and interest on these bonds. There is no legal limit on the debt service levy, but elected officials must weigh the impact of the total tax levy on property owners of the City. If the City Council desires to lower the total tax rate, or keep it level, an increase in the debt

| Bond Ratings | | |
|--------------|------------------------------|--------------------------|
| Moody's | Standard & Poor's | |
| Aaa | AAA | Prime |
| Aa1 | General/Storm | AA+ |
| Aa2 | General / Sanitary/ Storm | AA |
| Aa3 | Sanitary | AA- |
| A1 | | A+ |
| A2 | | A |
| A3 | | A- |
| Baa1 | | BBB+ |
| Baa2 | | BBB+ |
| Baa3 | | BBB- |
| | | High |
| | | Upper Medium |
| | | Medium to Speculative |

Debt Capacity – General Obligation Bonds and other City Debt

Article XI, Section 3 of the State of Iowa Constitution limits the amount of debt outstanding at any time of any county, municipality or other political subdivision to no more than 5% of the actual value of all taxable property within the corporate limits, as taken from the last state and county tax list. The debt limit can be further restricted if a municipality so chooses.

The City of Des Moines’ constitutional debt limit Fiscal Year ending June 30, 2017:

| | |
|---|-----------------------------|
| Assessed Value | \$11,396,334,334 |
| Legal Debt Limit of 5% | <u>0.05</u> |
| Legal Debt Limit | \$569,816,717 |
| General Obligation Bonds | (405,035,000) |
| Other Legal Indebtedness (TIF Rebates and Leases) | <u>(20,074,841)</u> |
| Total net debt applicable to limit | <u>425,109,841</u> |
| Legal Debt Margin | <u>\$138,897,391</u> |
| Self-Imposed Debt Limit (with Assessed Value * 0.04) | \$30,743,532 |
| Debt not included in self-imposed limit (Franchise Fee) | \$28,920,000 |
| Remaining Self-Imposed Debt Margin | \$59,663,532 |

Change from FY2016 - (\$1,461,288)

Debt Capacity - Enterprise Funds - The City's ability to issue debt in the enterprise funds is not limited by law, but by the users fees the City is willing to set.



SUMMARY

FY2018-19/FY23-24 CIP

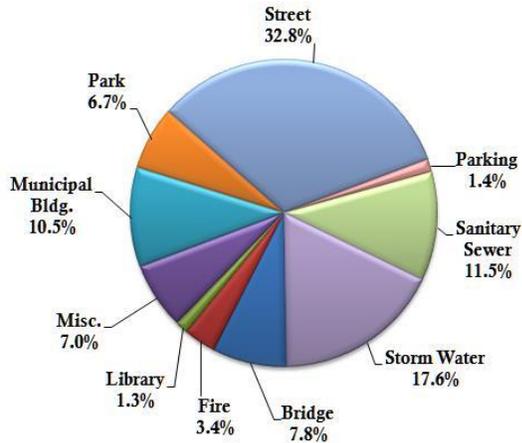
The City's Capital Improvement Program (CIP) is divided into 10 categories with a total amended FY2018 budget of \$123,986,543, a FY2019 budget of \$154,182,652, and a five-year plan totaling over \$530 million. The FY2018 amended budget is \$6.8 million more than the FY2018 adopted budget, mainly due to carry-over appropriations, but also because a couple of additional projects and increases in project scope.

| CITY OF DES MOINES | | | | | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| CAPITAL IMPROVEMENTS PROGRAM | | | | | | | | |
| | BUDGETED | | PLANNED | | | | | 5-YEAR PLAN |
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | |
| TAX SUPPORTED | | | | | | | | |
| BRIDGE | \$ 11,804,706 | \$ 19,440,000 | \$ 11,900,000 | \$ 4,010,000 | \$ 7,400,000 | \$ 8,950,000 | \$ 2,000,000 | \$ 34,260,000 |
| FIRE | 4,223,801 | 6,015,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 | 17,455,000 |
| LIBRARY | 2,167,210 | 1,225,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 | 7,405,000 |
| MISCELLANEOUS | 7,992,724 | 9,032,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 | 39,200,000 |
| MUNICIPAL BLDG. | 14,871,009 | 2,767,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 | 69,187,500 |
| PARK | 8,569,673 | 13,350,000 | 9,500,000 | 5,471,000 | 6,076,000 | 5,831,000 | 5,691,000 | 32,569,000 |
| STREET | 38,816,081 | 39,885,000 | 48,535,000 | 39,738,000 | 35,760,000 | 30,935,000 | 30,210,000 | 185,178,000 |
| Total = | \$ 88,445,204 | \$ 91,714,700 | \$ 121,872,500 | \$ 75,711,500 | \$ 59,533,500 | \$ 54,533,500 | \$ 73,603,500 | \$ 385,254,500 |
| ENTERPRISE FUND | | | | | | | | |
| PARKING | 2,289,366 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 | 7,450,000 |
| SANITARY SEWER | 13,797,268 | 22,090,000 | 22,775,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 | 56,575,000 |
| STORM WATER | 19,454,705 | 38,477,952 | 20,775,000 | 16,575,000 | 16,525,000 | 16,200,000 | 11,750,000 | 81,825,000 |
| Total = | 35,541,339 | 62,467,952 | 45,300,000 | 32,975,000 | 26,575,000 | 25,550,000 | 15,450,000 | 145,850,000 |
| Total CIP = | \$ 123,986,543 | \$ 154,182,652 | \$ 167,172,500 | \$ 108,686,500 | \$ 86,108,500 | \$ 80,083,500 | \$ 89,053,500 | \$ 531,104,500 |

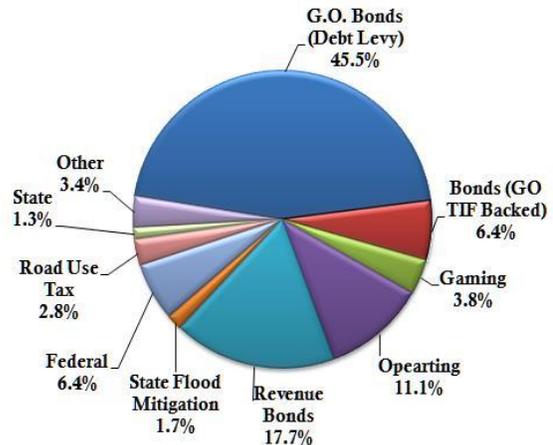
The following graph shows the breakdown of total CIP expenditures over the six-year period of FY2019-FY2024.

The following graph represents the various sources of funding for these projects over the six-year period of FY2019-FY2024.

TOTAL PLANNED CIP EXPENDITURES
FY2018-19/2023-24



TOTAL CIP FUNDING SOURCES
FY2018-19/2023-24

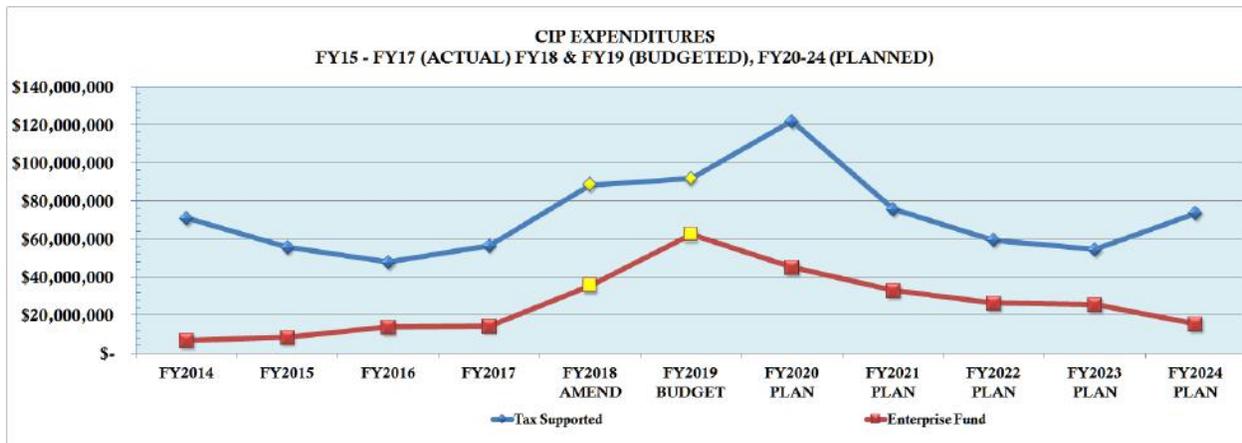


MAJOR CATEGORIES IN THE CIP

The table on the previous page place CIP projects into two main categories - those primarily funded through the issuance of Tax-Supported Debt (70.90%); and those projects primarily funded through Revenue Bonds or user fees (29.10%).

The following graph shows the total actual expenditures in each of the past three years, the FY2018 and FY2019 CIP budgets, and what is planned over the next five years. It is important to note that the City budget assumes a fairly aggressive

completion of projects so as not to run out of appropriations during the year. Consequently, actual expenditures in FY2019 will most certainly be less than budgeted. Any unspent appropriations are normally carried over to the following year, assuming there have been no changes in funding, such as a loss of a grant or private funding. Also, total expenditures in the outer years will most likely be higher than shown as new projects and/or funding sources are identified.



TAX-SUPPORTED CIP PROJECTS

Until FY2012 the City issued the General Obligation bonds in June of each year - prior to the fiscal year beginning July 1. The timing of the issuance was to ensure cash was immediately available at the beginning of the fiscal year. The goal is now to have the issuance in early August with delivery in September - the same fiscal year the funds are anticipated to be used. This new policy is not expected to delay the start of any project.

The City normally issues bonds with a term of 20 years that have an average life of nine and one-half years. General Obligation Bonds are paid by a separate levy on all taxable property within the

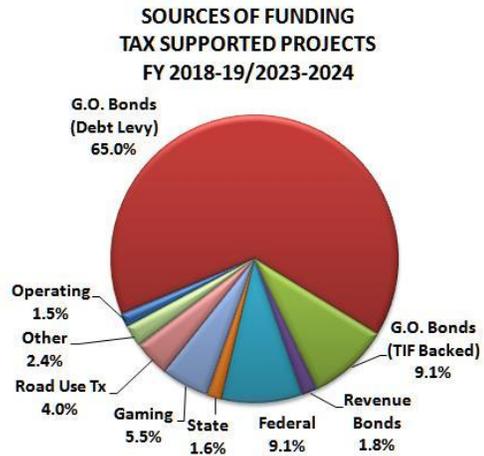
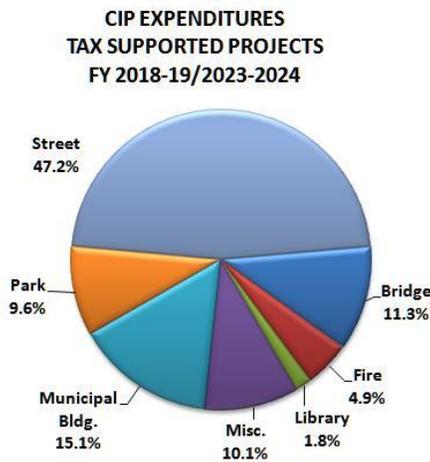
City. Planned G.O. Bonding amounts have been increased by \$64,220,000 in Fiscal Years 2019-2023 mainly due to - \$25.5 million to Municipal Service Center Phase 2, \$13 million for the Public Safety Communication System Upgrade project, and \$8 million for the NE Fire Station. The City plans to issue \$39.955 million of straight G.O. debt for FY2019, a \$775,000 increase from what was projected last year. The planned debt levy in FY2019 is \$3.57/\$1,000 of taxable valuation. One million dollars of Road Use Tax funds is being used to pay for debt service associated with street projects. This action lowers the debt service rate by approximately \$0.13.

**SUMMARY
FY2018-19/2023-24 CIP**

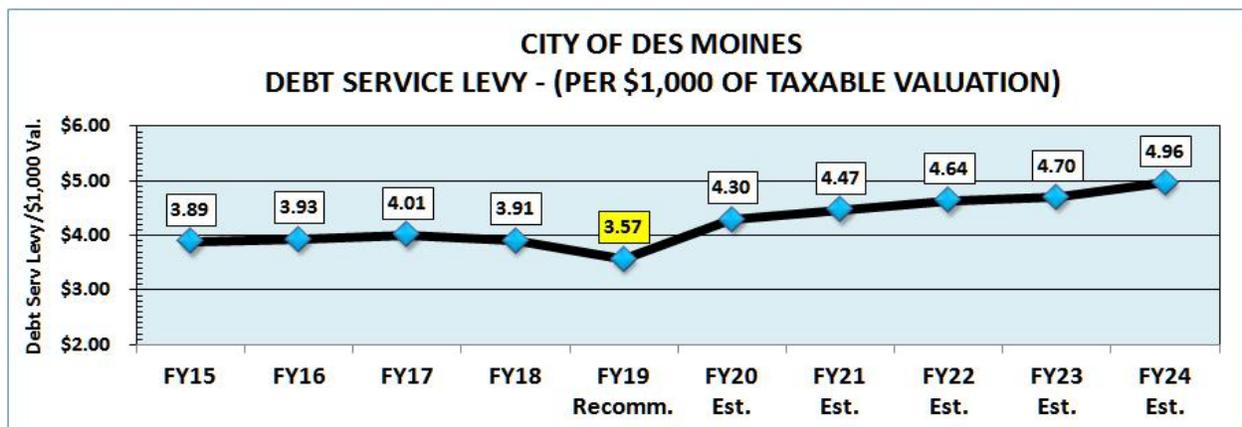
| CITY OF DES MOINES | | | | | | | | |
|--|-------------------|-------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| CAPITAL IMPROVEMENTS PROGRAM - FY2018 - FY2024 | | | | | | | | |
| TAX SUPPORTED | BUDGET | | PLAN YEARS | | | | | Total FY19-FY24 |
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | |
| Bridge/Viaduct Improvements | 11,804,706 | 19,440,000 | 11,900,000 | 4,010,000 | 7,400,000 | 8,950,000 | 2,000,000 | 53,700,000 |
| Fire Improvements | 4,223,801 | 6,015,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 | 23,470,000 |
| Library Improvements | 2,167,210 | 1,225,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 | 8,630,000 |
| Miscellaneous CIP Improvement | 7,992,724 | 9,032,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 | 48,232,200 |
| Municipal Building Improvement | 14,871,009 | 2,767,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 | 71,955,000 |
| Parks Improvements | 8,569,673 | 13,350,000 | 9,500,000 | 5,471,000 | 6,076,000 | 5,831,000 | 5,691,000 | 45,919,000 |
| Street Improvements | 38,816,081 | 39,885,000 | 48,535,000 | 39,738,000 | 35,760,000 | 30,935,000 | 30,210,000 | 225,063,000 |
| Total Tax Supported CIP = | 88,445,204 | 91,714,700 | 121,872,500 | 75,711,500 | 59,533,500 | 54,533,500 | 73,603,500 | 476,969,200 |

The following graph shows the breakdown of CIP expenditures in the categories primarily funded through Tax-Supported Debt.

Funding comes from a variety of sources as can be seen in the following graph.



To help lessen or eliminate the need for future levy increases, staff will aggressively pursue alternate funding sources. During the annual budgeting process, it may be necessary to delay projects in the current plan, and delay the addition of any new projects to lessen the need for future increases in the debt service levy rate.



**** Because of the uncertainty of the total sources of funding for the NE Fire Station – its impact on the debt levy is not included on this graph.** It is important to note that the City of Des Moines is considering a number of very large projects that are not included in the CIP plan. Every million dollars of G.O. Bonds issued will increase the debt levy numbers above by approximately \$0.01.

SUMMARY
FY2018-19/2023-24 CIP

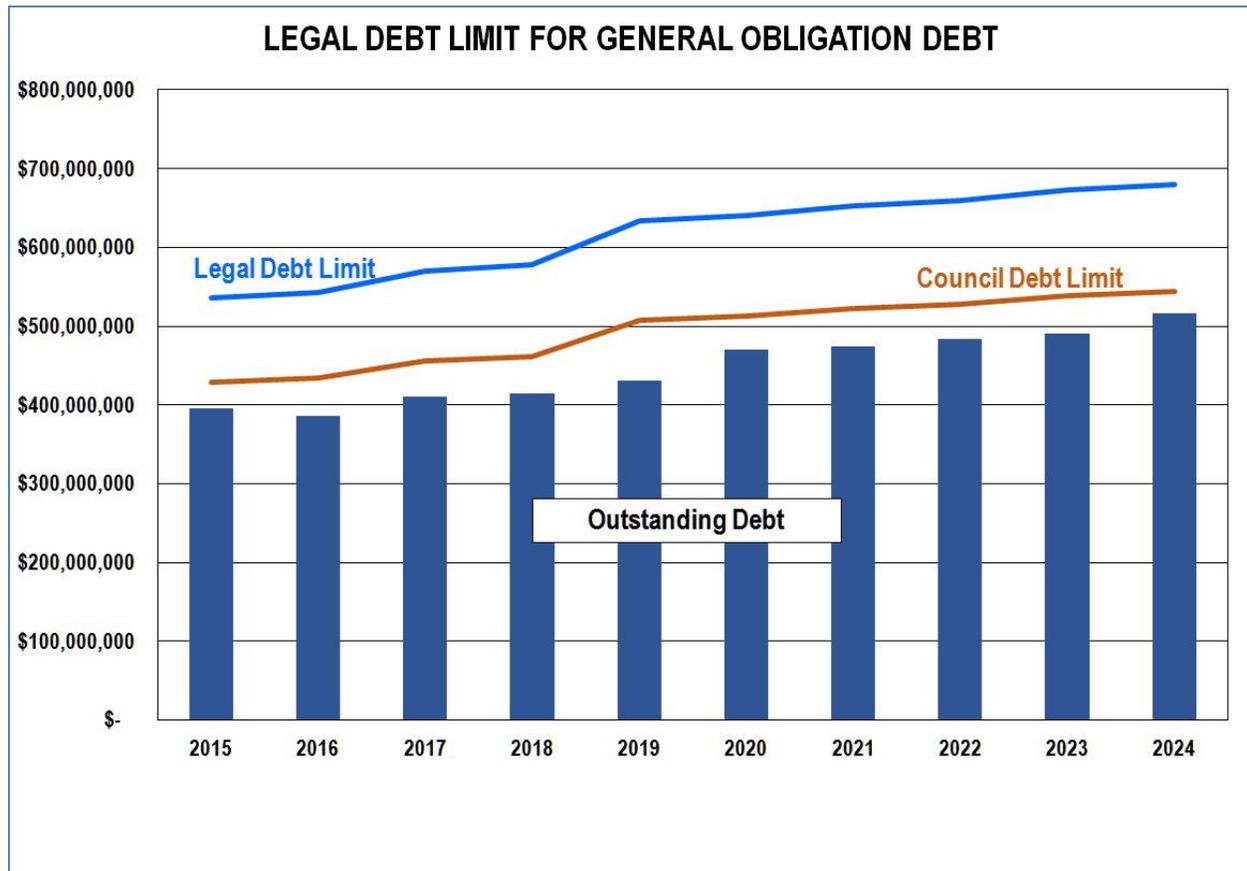
| G.O. BONDS FY2019 - FY2024 | | | | | | |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|
| | BUDGET | | PLANNED | | | |
| G.O. Bonds | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Bridge/ Viaduct Improvements | - | 2,050,000 | 750,000 | 450,000 | 450,000 | - |
| Fire Improvements | 4,095,000 | 6,650,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Library Improvements | 1,005,000 | 1,340,000 | 2,010,000 | 1,435,000 | 1,000,000 | 1,020,000 |
| Miscellaneous | 5,080,000 | 12,410,000 | 12,550,000 | 4,780,000 | 4,055,000 | 4,030,000 |
| Municipal Building Improvements | 1,450,000 | 22,800,000 | 6,650,000 | 2,175,000 | 925,000 | 23,325,000 |
| Parks Improvements | 8,175,000 | 7,675,000 | 5,035,000 | 5,625,000 | 5,300,000 | 5,325,000 |
| Street Improvements | 20,150,000 | 24,425,000 | 21,025,000 | 22,075,000 | 18,250,000 | 19,525,000 |
| Total GO to be Issued = | 39,955,000 | 77,350,000 | 52,865,000 | 38,010,000 | 32,380,000 | 55,115,000 |
| Change from Previous Year | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | TOTAL CHANGE |
| Bridge/ Viaduct Improvements | (1,350,000) | 2,050,000 | (1,600,000) | 450,000 | 450,000 | - |
| Fire Improvements | 1,935,000 | 3,090,000 | 2,305,000 | (480,000) | 165,000 | 7,015,000 |
| Library Improvements | (50,000) | 75,000 | 735,000 | (100,000) | - | 660,000 |
| Miscellaneous | 200,000 | 7,330,000 | 8,120,000 | 750,000 | 25,000 | 16,425,000 |
| Municipal Building Improvements | (1,720,000) | 21,165,000 | 4,900,000 | (550,000) | (350,000) | 23,445,000 |
| Parks Improvements | 985,000 | 15,000 | 200,000 | 800,000 | 400,000 | 2,400,000 |
| Street Improvements | 775,000 | 8,150,000 | 4,350,000 | 1,525,000 | (525,000) | 14,275,000 |
| Change from Previous Year = | 775,000 | 41,875,000 | 19,010,000 | 2,395,000 | 165,000 | 64,220,000 |

| TIF SUPPORTED G.O. BONDS FY2019 - FY2024 | | | | | | |
|---|--------------------|-------------------|------------------|------------------|------------------|-------------------------------|
| | BUDGET | | PLANNED | | | |
| G.O. Bonds (TIF Backed) | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Court Avenue Bridge / DM River | 950,000 | - | - | - | - | - |
| Locust St. Bridge / DM River | 2,100,000 | 4,300,000 | - | - | - | - |
| Scott Ave Bridge / DM River | - | - | - | - | - | - |
| Walnut Street Bridge / DM River | - | - | 250,000 | 4,000,000 | 3,900,000 | - |
| Principal Park Improvements | 260,000 | 260,000 | 260,000 | 260,000 | 260,000 | 260,000 |
| Arterial Pavement Restoration | - | 2,500,000 | 2,500,000 | - | - | - |
| Asphaltic Paving Restoration Program | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 |
| Connect Downtown | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Gray's Parkway | 250,000 | 750,000 | - | - | - | - |
| E Village Street Improvements | - | 600,000 | - | - | - | - |
| Skywalk System | 1,625,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| SE 7th Street Reconstruction and force main | 500,000 | 1,500,000 | - | - | - | - |
| Streetscape Improvements | 200,000 | 2,000,000 | 1,800,000 | - | - | - |
| Walnut Street Mall Renovation | - | 1,500,000 | 2,500,000 | - | - | - |
| Total TIF Bonds = | 6,760,000 | 14,535,000 | 8,435,000 | 5,385,000 | 5,285,000 | 1,385,000 |
| Change from previous year | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | Total Change FY19-FY23 |
| Court Avenue Bridge / DM River | (200,000) | - | - | - | - | (200,000) |
| Locust St. Bridge / DM River | (2,900,000) | 1,500,000 | - | - | - | (1,400,000) |
| Scott Ave Bridge / DM River | (660,000) | - | - | - | - | (660,000) |
| Walnut Street Bridge / DM River | (750,000) | (250,000) | (6,350,000) | 1,600,000 | 2,800,000 | (2,950,000) |
| Principal Park Improvements | 160,000 | 160,000 | 160,000 | 160,000 | 160,000 | 800,000 |
| Arterial Pavement Restoration | - | 2,500,000 | 2,500,000 | - | - | 5,000,000 |
| Asphaltic Paving Restoration Program | - | - | - | - | - | - |
| Connect Downtown | - | - | - | - | - | - |
| Gray's Parkway | 250,000 | 750,000 | - | - | - | 1,000,000 |
| E Village Street Improvements | (600,000) | 600,000 | - | - | - | - |
| Skywalk System | 1,225,000 | - | - | - | - | 1,225,000 |
| SE 7th Street Reconstruction and force main | 500,000 | 1,500,000 | - | - | - | 2,000,000 |
| Streetscape Improvements | (1,550,000) | - | 1,800,000 | - | - | 250,000 |
| Walnut Street Mall Renovation | (750,000) | (500,000) | 2,500,000 | - | - | 1,250,000 |
| Total Change TIF Bonds = | (5,275,000) | 6,260,000 | 610,000 | 1,760,000 | 2,960,000 | 6,315,000 |

Note: Debt Service TIF backed G.O. Bonds are paid from TIF revenues – not the City's debt service levy. In a TIF district, the City receives the growth in property taxes levied by all the taxing bodies (City, County, Schools), less their debt service. This levy only pertains to the taxable value over and above the value of the property within the district when the district was created. The property tax receipts in a TIF District must be used only in the district where they were generated.

SUMMARY
FY2018-19/2023-24 CIP

| PROJECTED DEBT CAPACITY | | | | | | | | | | |
|-------------------------|-------------------|-----------------------------|------------------|-----------------------------|------------|-------------------------|---------------------------------|------------|----------------------------|-----------------------------|
| | Total Valuation | Total G.O. Debt Outstanding | Legal Debt Limit | Availability Legal Capacity | % of Limit | Self-Imposed Debt Limit | Available Self-Imposed Capacity | % of Limit | Portion due to MSC Phase 2 | Portion due to MSC Phase 2B |
| 2015 | \$ 10,731,371,692 | \$ 395,285,000 | \$ 536,568,585 | \$ 141,283,585 | 73.67% | \$ 429,254,868 | \$ 33,969,868 | 92.09% | \$ - | \$ - |
| 2016 | 10,857,757,125 | 386,535,000 | 542,887,856 | 156,352,856 | 71.20% | 434,310,285 | 47,775,285 | 89.00% | - | - |
| 2017 | 11,396,334,334 | 409,804,959 | 569,816,717 | 160,011,758 | 71.92% | 455,853,373 | 46,048,414 | 89.90% | - | - |
| 2018 | 11,547,884,851 | 414,029,065 | 577,394,243 | 163,365,178 | 71.71% | 461,915,394 | 47,886,329 | 89.63% | - | - |
| 2019 | 12,678,892,381 | 431,378,171 | 633,944,619 | 202,566,448 | 68.05% | 507,155,695 | 75,777,524 | 85.06% | - | - |
| 2020 | 12,805,681,305 | 470,422,152 | 640,284,065 | 169,861,913 | 73.47% | 512,227,252 | 41,805,100 | 91.84% | 24,850,000 | - |
| 2021 | 13,061,794,931 | 473,965,372 | 653,089,747 | 179,124,374 | 72.57% | 522,471,797 | 48,506,425 | 90.72% | 23,935,000 | - |
| 2022 | 13,192,412,880 | 483,613,320 | 659,620,644 | 176,007,324 | 73.32% | 527,696,515 | 44,083,195 | 91.65% | 22,995,000 | - |
| 2023 | 13,456,261,138 | 490,924,039 | 672,813,057 | 181,889,018 | 72.97% | 538,250,446 | 47,326,407 | 91.21% | 22,025,000 | - |
| 2024 | 13,590,823,749 | 515,926,074 | 679,541,187 | 163,615,113 | 75.92% | 543,632,950 | 27,706,876 | 94.90% | 21,020,000 | 21,910,000 |

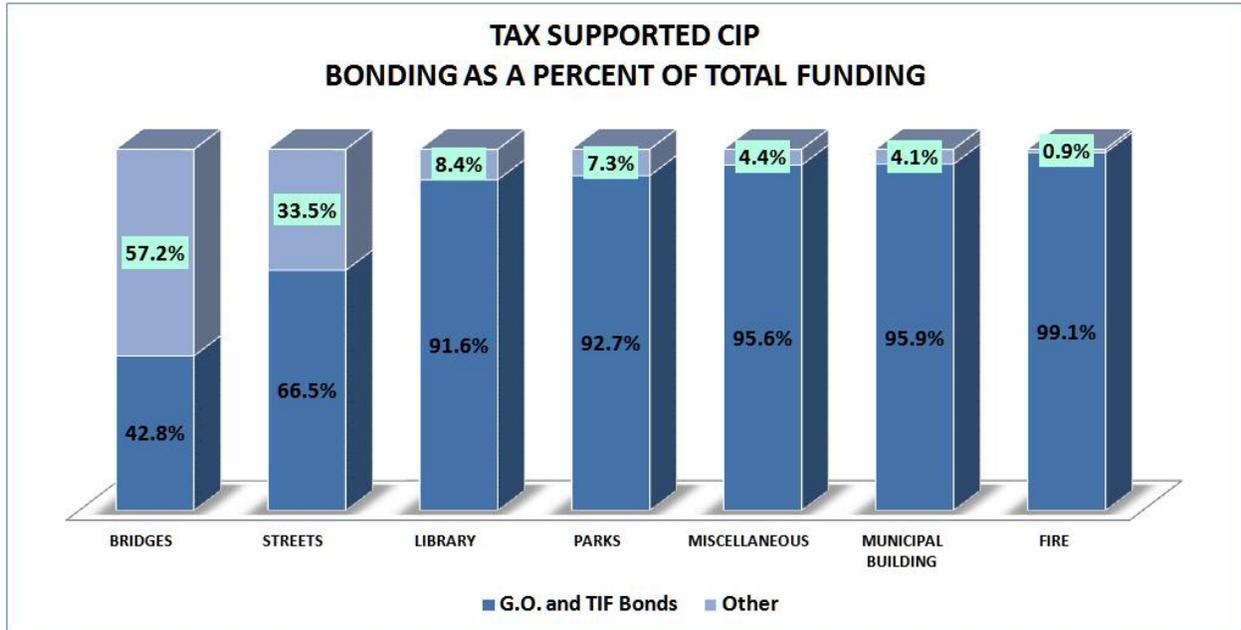


** Because of the uncertainty of the total sources of funding for the NE Fire Station – its impact on the City’s debt capacity is not included on the above chart or graph.

SUMMARY
FY2018-19/2023-24 CIP

Summary of Planned Activity – Tax Supported CIP Projects

Although this category is called “Tax Supported” CIP projects, only 74.1% of the total revenues of these projects come from the issuance of General Obligation or TIF backed General Obligation Bonds. This is the sole source of funding for many of these projects, but many of these projects are supplemented, or fully funded, with other funding sources.



OTHER: **Bridges** – Federal/Tiger 30%, Gaming 26.5%; **Streets** - Federal 11.2%, Road Use 10.7%, Gaming 5.6%, State 3.2%, Private 3.3% (Streetscape/Walkability); **Library** - Fees.

PROJECT CATEGORIES

BRIDGE IMPROVEMENTS

BRIDGES - This category involves the design and construction of new bridges and the major repair and rehabilitation of 68 bridges and viaducts which are on the National Bridge Inventory. Other bridge work may appear in the Street Section of the CIP if that bridge work is an essential part of a Street Project.

A city-wide bridge evaluation study is required every two years. The FY2017 study, completed in October of 2017, found that 31% of the bridges were rated Excellent/Very Good, 40% Good, 19% Fair, and 10% Poor.

| BRIDGE PROJECTS | | | |
|---------------------------------|--------------|---------------|----------------|
| | FY19 - FY24 | YEAR COMPLETE | NOTE |
| City-wide Bridges | \$ 4,550,000 | | On-going |
| Court Avenue/DM River | 6,100,000 | FY17-FY19 | TIGER |
| E. 30th Street/UPRR | 6,900,000 | FY18-FY20 | Rehabilitation |
| Guthrie Avenue Bridge over UPRR | 5,400,000 | FY22-FY23 | Rehabilitation |
| Locust St./DM River | 9,800,000 | FY18-FY20 | Replacement |
| Scott Ave/DM River | 4,130,000 | FY17-FY20 | TIGER |
| 2nd Avenue Bridge over DM River | 4,200,000 | FY19-FY21 | Rehabilitation |
| SW 1st Street/Raccoon River | 1,470,000 | FY20-FY21 | TIGER |
| Walnut St. Bridge/DM River | 11,150,000 | FY21-FY23 | Replacement |

FUNDING SOURCES FY19-FY24

| | |
|---------------------|-------|
| TIF back G.O. Bonds | 34.4% |
| Gaming Monies | 26.8% |
| G.O. Bonds | 8.2% |
| Federal/TIGER | 30.6% |

FIRE IMPROVEMENTS

FIRE - Projects in this category encompass the design and construction of new fire stations, acquisition of equipment, and major repair and preventive maintenance of the City's fire facilities. Improvements to the City's outdoor warning siren system are also included in this section of the CIP. The insured value of all vehicles/equipment is approximately \$25 million. The City's existing Fire Stations and the Administrative, Training, and Maintenance Facility have an insured value of over \$42 million. A new NE Fire Station is planned for FY20/FY21. The timing, location, cost and whether the station is an additional station or a replacement of Station 3 will be dependent on whether or not it is a shared station.

Planned Equipment Acquisition in FY18-FY23 includes: sixteen ambulances - \$4,215,000; seven engines - \$3,921,000; one 100' ladder truck in FY18 - \$1,160,000; two 75' ladder trucks in FY18 - \$1,700,000; two 75' ladder trucks FY20 - \$1,900,000; and one HazMat Unit - FY21 - \$625,000.

REVENUES - Funding in this category comes from the issuance of General Obligation Bonds which are issued for a term of 20 years with an average life of nine and one-half years. The City regularly applies for grants to help fund the purchase of equipment. Funding for this project could come from a variety of sources. If the NE Fire Station is a shared station, funding may differ from what is planned. This cannot be determined without a formal Agreement.

| FIRE CIP PROJECTS | | |
|---|---------------|----------------------|
| | FY19-FY24 | |
| Equipment Acquisition | \$ 13,835,000 | On-going |
| Fire Station Improvements # | 1,635,000 | On-going |
| NE Fire Station | 8,000,000 | FY19-FY21 |
| TOTAL = | | \$ 23,470,000 |
| # FY2020 - \$350,000 for Air Purification System. | | |

LIBRARY IMPROVEMENTS

LIBRARY - This category include major repair and renovation of the libraries, projects acquiring major equipment, and the acquisition of new materials/books. The insured value of the Central Library and the five branches is approximately \$60 million. The current RFID is being replaced in FY2018. The Radio Frequency ID (RFID) system is comprised of targets placed in each item in the library's collection. Using the targets, the system automatically recognizes each item checked out or checked in - saving staff time.

The Library Board is considering options for providing the appropriate level and method of library services for the SE section of City.

REVENUES - Funding in this category normally comes from the issuance of General Obligation Bonds. The City aims to front-load the bonds for the Library materials due to their shorter life expectancy. \$120,000/year of video and audio rental fees helps to fund approximately 13% of the Collection and Replacement project expenses.

| LIBRARY CIP PROJECTS | | |
|--|--------------|---------------------|
| | FY19-FY24 | |
| Collection Replacement/Additions | \$ 5,420,000 | On-going |
| Miscellaneous Building Improvements # | 3,210,000 | On-going ** |
| TOTAL = | | \$ 8,630,000 |
| FY2019 - Carpet Replacement Forest and N Side, Central Library HVAC improvements | | |
| FY2020 - Carpet Replacement E Side and S Side; Forest Bathroom Imp., HVAC Imp. | | |
| FY2021 - Carpet Replacement Central; E Side Chiller Replacement | | |
| FY2022 - Replace HVAC Controller at Central, Replace HVAC System South Side | | |

MISCELLANEOUS IMPROVEMENTS

MISCELLANEOUS - This category is for projects that do not have enough projects to warrant their own section. A \$13 million Public Safety Communication System Upgrade project has been added in this year's CIP. Scheduled for FY20-FY21, This project will upgrade the City's 1970s built analog public safety radio system to a digital system. Costs in FY2020 will be construction of new tower(s), core, microwave, and updated dispatch equipment. Costs in FY 2021 will be mostly new radios. The project includes the purchase of replacement radios for all city departments. These radios will have additional functionality including GPS capability and ability to interoperate with other agencies using a P25 radio system.

REVENUES - The majority of revenues normally comes from the issuance of G.O. debt. The miscellaneous operating revenue is mainly for the Storm Water and Sanitary Sewer Funds share of funding the City Tree Replacement Fund (CTRF) project, and the Storm Waters funding of the treatment of trees on Public Property and ROW due to the EAB. Funding for the Public Safety Communication System Upgrade is shown in the CIP as coming from the issuance of G.O. Bonds, but the City will be considering other options in the coming year.

The Permitting and Licensing Management Software replacement project is a \$2 million project in FY18-FY19, for the replacement of Tidemark, the City's current Land Management Software (LMS) used to manage land development, construction permitting and inspections, sign permits, tax abatement, business & pet licenses, street use events, rental property certification and inspection, code enforcement & legal actions, neighborhood conservation programs, and Zoning Board of Adjustment actions by the City Clerk's Office, Community Development Department, Fire Department, Traffic & Transportation Division, and City Manager's Office.

| MISCELLANEOUS IMPROVEMENTS | | |
|---------------------------------------|------------------------------|-----------------|
| | TOTAL COST | |
| Market District Study | 505,000 | FY18-FY19 |
| Permitting / Lic. Management Software | 2,000,000 | FY18-FY19 |
| Public Safety Communication Sys. | 13,000,000 | FY19-FY21 |
| | | |
| | FY19-FY24 | |
| City Tree Replacement Fund | \$ 1,372,200 | On-going |
| Emerald Ash Borer Response Plan | 5,280,000 | On-going |
| Information Technology | 11,225,000 | On-going |
| Neighborhood Development Corp. | 6,000,000 | On-going |
| Neighborhood Finance Corporation | 6,000,000 | On-going |
| Public Art | 600,000 | On-going |
| Vacant Property Redevelopment | 600,000 | On-going |
| | TOTAL = \$ 46,582,200 | On-going |

INFORMATION TECHNOLOGY FY18-FY23:

ONGOING PROJECTS

- Data Storage - \$50,000 / yr.
- Secondary Network Conn. - \$250,000/ yr.
- Network Equipment - \$200,000 / yr.
- Fiber Improvements - \$100,000 / yr.
- Security Systems - \$100,000 / yr.
- Wireless Equipment - \$30,000 / yr.
- Servers - \$25,000 / yr.
- Phone System - \$10,000 / yr.

OTHER PROJECTS:

City Web Site Redesign - \$440,000 (FY17-FY19)
 Network Core Switch Repl. - \$500,000 (FY19)
 Customer Relations Management System Replacement - \$1,000,000 (FY20)
 2 - HP 3Par SAN Replac. - \$750,000 / (FY20)
 Unified Comm System - \$1.5 million (FY21-FY22)
 Network Service Assurance - \$750,000 (FY21)
 Enterprise Asset Management System Repl. (\$1 million (FY20)

MUNICIPAL BUILDING IMPROVEMENTS

MUNICIPAL BUILDING – Are projects for the repair, construction, preventive maintenance, and upkeep of municipal owned buildings, which are not a part of the Park, Fire or Library Departments, or any of the enterprise operations. City Hall, the Armory, Equipment Service Center, Richard A. Clark Municipal Service Center, the Police Station, Police Academy, and the Public Works Administration have total insured value of \$66 million. A number of other buildings are also covered in this section of the CIP.

The Phase 2 of the Municipal Service Center is scheduled for FY20 - FY21 at an estimated cost of \$33.6 million. Phase two will house Fleet Services, Radio Services, and Solid Waste. The \$27.5 million Phase 2B project is scheduled for FY24. Phase 2B will house General Road Use, Storm Water, and Sanitary Sewer operations. Only \$4.8 million was shown in the previous CIP for planning purposes. Enterprise funds are contributing \$17.1 million for

their share of the project based on their square foot of space and prorated cost of shared space.

REVENUES - G.O. Bonds fund essentially 100% of the projects planned for in this section of the CIP. When possible, the City regularly applies for energy rebates.

| MUNICIPAL BUILDING IMPROVEMENTS | | |
|--|----------------------|-----------|
| | FY19-FY24 | |
| ADA Modifications | \$ 1,650,000 | On-going |
| Energy Conservation | 665,000 | On-going |
| HVAC, Electrical, and Plumbing Imp. | 2,490,000 | On-going |
| Municipal Building Improvements | 1,900,000 | On-going |
| Municipal Building Reroofing | 1,400,000 | On-going |
| Municipal Service Center - Phase 2 | 61,450,000 | FY18-FY24 |
| Police Academy Improvements | 900,000 | FY22 |
| Armory Improvements | 400,000 | On-going |
| Police Facility Improvements | 900,000 | On-going |
| Public Works Building Improvements | 200,000 | On-going |
| TOTAL = | \$ 71,955,000 | |
| Until future plans for the Armory, Police Station, and PW facilities are determined, only essential repairs/improvements will be undertaken at these facilities. | | |

PARK IMPROVEMENTS

PARKS - This category provides for planning, development, major repairs, and preventive maintenance of buildings, grounds, and equipment in the City's: 75 parks, 63 miles of paved multi-use trails, 18 miles of soft surface, Gray's Lake Park, James W. Cownie Sports Complex, Principal Park, Greater Des Moines Softball Park, Simon Estes Amphitheater, two Community Recreation Centers, seven cemeteries, 58 playgrounds, three dog parks, 10 wading pools, four splash pools, nine spraygrounds, five swimming pools and aquatic centers, Birdland Marina, conservation and recreation areas, and much more.

REVENUES - Revenues come from a variety of sources, but mainly from the issuance of G.O. Bonds.

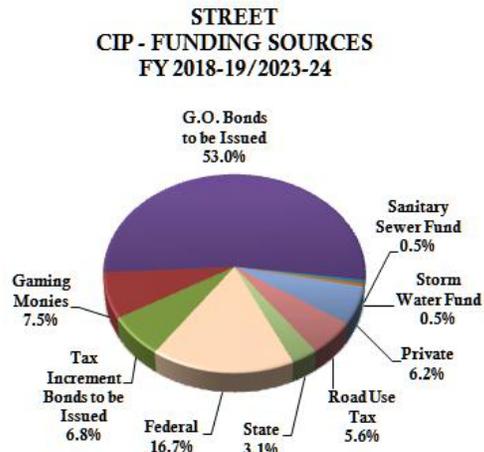
| PARK IMPROVEMENTS | | |
|-------------------------------------|----------------------|-------------|
| MacRae Park Improvements | \$ 1,600,000 | (FY18-FY20) |
| Riverview - Earthwork and Stage | 1,600,000 | (FY19-FY20) |
| Riverview - Site, Plaza and Shelter | 1,500,000 | (FY19-FY21) |
| | FY19-FY24 | |
| Cemetery Infrastructure and Imp. | \$ 1,950,000 | On-Going |
| Community Center Improvements | 1,150,000 | On-Going |
| Gray's Lake Park Improvements | 3,870,000 | On-Going |
| Multi-Use Trails | 6,750,000 | On-Going |
| Park Improvements | 8,400,000 | On-Going |
| Park Building Improvements | 2,300,000 | On-Going |
| Principal Park | 1,284,000 | On-Going |
| Riverwalk | 1,500,000 | On-Going |
| Road, Sidewalk, and Utility Imp. | 4,000,000 | On-Going |
| Sports Complexes | 1,550,000 | On-Going |
| Sprayground Improvements | 2,350,000 | On-Going |
| Swimming Pools/Aquatic Infra. | 2,315,000 | On-Going |
| Urban Conservation Projects | 2,900,000 | On-Going |
| Watershed Park Amenities | 1,350,000 | On-Going |
| TOTAL = | \$ 46,369,000 | |

SUMMARY
FY2018-19/2023-24 CIP

STREET IMPROVEMENTS

These projects relate to the design, construction, rehabilitation, and preventive maintenance of the City's street, sidewalk, skywalk, and traffic control systems. The City has over 974 center-lane miles of paved, and 37 center-lane miles of unpaved streets, 3,700,000+ lineal feet (700 miles) of sidewalks, 58 skywalk bridges, 400+ traffic signals, and 100 school flashing beacons. The City's skywalks had a 2017 replacement value of over \$40 million.

REVENUES – Revenues in this section of the CIP come from a variety of sources as can be seen by the following pie chart.



STREET - SUBCATEGORIES - Projects have been broken down into the following categories to better understand the scope of the 48 projects in this section of the CIP. Between FY19 and FY24, over \$225 million is anticipated to be spent in the projects in the Street section of the CIP.

| TRAFFIC CONTROL IMPROVEMENTS | | |
|--|----------------------|---------------|
| | FY19-FY24 | YEAR COMPLETE |
| Hubbell and Broadway Intersection Imp. (New) | \$ 700,000 | FY18-FY19 |
| Traffic Studies | 1,500,000 | Ongoing |
| Traffic Median Island Replacement | 1,250,000 | Ongoing |
| Signals/Channelization/School Crossings | 3,400,000 | Ongoing |
| Traffic System Operation Improvements | 8,340,000 | Ongoing |
| TOTAL = | \$ 15,190,000 | |

| ONGOING MAINTENANCE STREET IMPROVEMENTS | | |
|--|----------------------|---------|
| | FY19-FY24 | |
| Arterial Pavement Rehab. (Fleur Drive - FY19-FY21) | 24,000,000 | Ongoing |
| Asphaltic Paving Restoration Program | 8,225,000 | Ongoing |
| Concrete Curb Replacement Program | 2,100,000 | Ongoing |
| Concrete Paving Restoration Program | 6,450,000 | Ongoing |
| LED Street Lighting Upgrades | 900,000 | Ongoing |
| Neighborhood Infrastructure Rehab Program | 7,775,000 | Ongoing |
| PCC Pavement Replacement Program | 1,175,000 | Ongoing |
| Rehab/Preservation Major Roadways | 4,750,000 | Ongoing |
| Residential Paving Program (Unimproved Streets) | 1,950,000 | Ongoing |
| Roadway Reconstruction (Road Use Tax) | 10,850,000 | Ongoing |
| RR Crossing Surface/Signal Improvements | 150,000 | Ongoing |
| Special City-wide Street Improvements (Gaming) | 12,825,000 | Ongoing |
| TOTAL = | \$ 81,150,000 | |
| Work is performed by Public Works Crews (all or in-part) | | |

| SIDEWALK AND SKYWALK IMPROVEMENTS | | |
|--|----------------------|---------|
| | FY19-FY24 | |
| Sidewalks - ADA Compliance | \$ 3,400,000 | Ongoing |
| Sidewalk Replacement | 4,125,000 | Ongoing |
| Sidewalks - School and Priority Routes | 1,675,000 | Ongoing |
| Skywalk System | 3,300,000 | Ongoing |
| TOTAL = | \$ 12,500,000 | |

| EXTENSION/WIDENING/IMPROVEMENTS | | |
|--|-------------------|-----------|
| Projects that have started | Total | Schedule |
| East 42nd and Hubbell Ave Intersection Imp. | 1,400,000 | FY17-FY19 |
| Easton - E 34th St to 4-Mile Creek Curb Construction | 1,700,000 | FY20-FY21 |
| Hubbell Avenue - E 33rd to E 38th | 10,875,000 | FY16-FY20 |
| Future projects in current plan | | |
| | FY19-FY24 | Schedule |
| East Douglas Widening - E 42nd to E 56th | 10,300,000 | FY19-FY22 |
| Gray's Parkway (Dart Way) (New) | 1,000,000 | FY19-FY20 |
| Indianola Widen - E Army Post Rd-Hwy 69 | 8,250,000 | FY19-FY23 |
| McKinley Ave Widen - Fleur Dr-E Indianola | 4,950,000 | FY19-FY24 |
| Merle Hay/Hickman Intersection Improvements | 700,000 | FY19-FY20 |
| SE Connector - S.E. 30th Street to US 65 * | 22,350,000 | FY25+ |
| SE 7th Street Reconstruction and Trunk Sewer (New) | 3,000,000 | FY19-FY20 |
| SE 30th Widening - RR Viaduct to S.E. Connector | 6,600,000 | FY21-FY25 |
| University Avenue - 42nd Street to 63rd Street (New) | 1,550,000 | FY19-FY20 |
| TOTAL = | 72,675,000 | |

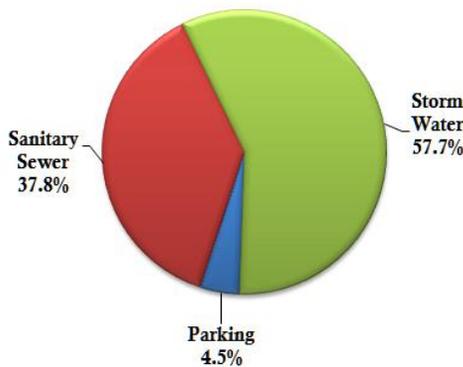
| OTHER STREET IMPROVEMENTS | | |
|---|----------------------|---------------|
| | TOTAL | YEAR COMPLETE |
| East Village Street Improvements | \$ 600,000 | FY20-FY21 |
| Highland Park Streetscape - Phase 3 (New) | 2,328,000 | FY20-FY21 |
| 6th Avenue Streetscape | 9,175,000 | FY17-FY21 |
| Vandalia Road Improvements | 2,250,000 | FY18-FY19 |
| Walnut Street Streetscape (Phase 2) | 7,250,000 | FY18-FY20 |
| FY19-FY24 | | |
| Active Transportation (New) | 1,500,000 | Ongoing |
| Streetscape Improvements | 7,645,000 | Ongoing |
| Corridor Improvements | 3,000,000 | Ongoing |
| Connect Downtown (Walkability Improvements) | 5,850,000 | Ongoing |
| TOTAL = | \$ 38,998,000 | |

ENTERPRISE REVENUE SUPPORTED PROJECT CATEGORIES

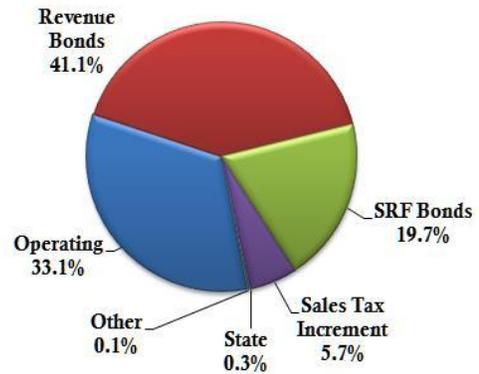
An enterprise fund is the city's equivalent of a business, where user fees pay for the service. Generally, no tax supported G.O. or TIF Debt is issued, nor are any revenues from property taxes used to fund any of these projects (In the past, TIF backed G.O. Bonds have been used to help fund a couple of parking projects). The funds in each of these operations are kept separate from all other City funds. There are three enterprise funds with projects in the CIP.

| CITY OF DES MOINES | | | | | | | | |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| CAPITAL IMPROVEMENTS PROGRAM - FY2018 - FY2024 | | | | | | | | |
| ENTERPRISE (USER FEES) | BUDGET | | PLAN YEARS | | | | | Total FY19-FY24 |
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 | |
| Parking Improvements | 2,289,366 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 | 9,350,000 |
| Sanitary Sewer Improvements | 13,797,268 | 22,090,000 | 22,775,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 | 78,665,000 |
| Storm Sewer Improvements | 19,454,705 | 38,477,952 | 20,775,000 | 16,575,000 | 16,525,000 | 16,200,000 | 11,750,000 | 120,302,952 |
| Total Enterprise Fund CIP = | 35,541,339 | 62,467,952 | 45,300,000 | 32,975,000 | 26,575,000 | 25,550,000 | 15,450,000 | 208,317,952 |

**EXPENDITURES
 ENTERPRISE CIP PROJECTS
 FY 2018-19/2023-2024**



**REVENUES
 ENTERPRISE CIP PROJECTS
 FY 2018-19/2023-2024**



PARKING IMPROVEMENTS

PARKING – Projects in this category includes projects for major repairs at city's municipal parking ramps. It has, and may in the future, also include projects for the construction of new parking facilities. Improvements at the 7th and Center Park and Ride garage are coded to a separate fund. In order to catch-up on needed repairs, the annual budget has increased significantly in recent years. The city anticipates being back on a routine maintenance schedule by FY22. **The insured value of the City's six parking garages is over \$100 million.**

REVENUES - Federal and private funds have been used in the construction of the City's existing facilities, though the funding in this category normally comes from operating funds which originate directly from user fees.

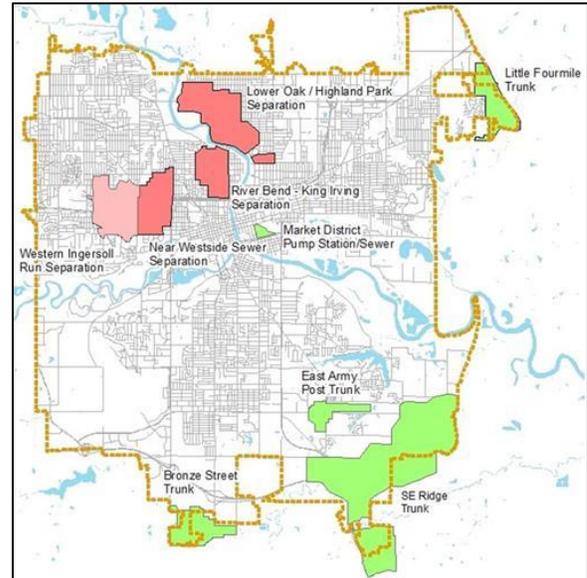
| PARKING IMPROVEMENTS | | |
|-------------------------------------|---------------------|---------------|
| | FY19-FY24 | YEAR COMPLETE |
| Parking Facility Rehab/Repair Prog | \$ 8,100,000 | Ongoing |
| Park and Ride Facility Improvements | 1,250,000 | Ongoing |
| TOTAL = | \$ 9,350,000 | |

SUMMARY
FY2018-19/2023-24 CIP

SANITARY SEWER IMPROVEMENTS

SANITARY SEWER - This category covers projects for the design, construction, repair, and preventive maintenance of the City's Sanitary Sewer Collection System. The City has approximately 900 miles of sanitary sewers.

| SANITARY SEWER PROJECTS | | |
|---|----------------------|----------------------|
| MAINTENANCE/REPAIR PROJECTS | | |
| | FY19-FY24 | YEAR COMPLETE |
| Sanitary Sewer Lining and Repair | \$ 15,500,000 | On Going |
| EXPANSION PROJECTS | | |
| | TOTAL BUDGET | YEAR COMPLETE |
| Little Four Mile Trunk Sanitary Sewer | 2,255,000 | FY19 |
| Market District Pump Station | 4,500,000 | FY20 |
| Sanitary Sewer Trunk Sewers | 5,300,000 | On-Going |
| SEPARATION PROJECTS | | |
| Lower Oak Drive/Highland Park Sewer Sep. | 11,611,293 | FY21 (SRF) |
| Near West Side Sewer Separation | 19,874,733 | FY20 (SRF) |
| River Bend and King Irving Sewer Separation | 16,284,336 | FY21 (SRF) |
| W. Ingersoll Run Sewer Separation | 17,950,000 | FY23 |
| TOTAL = | \$ 93,275,362 | |

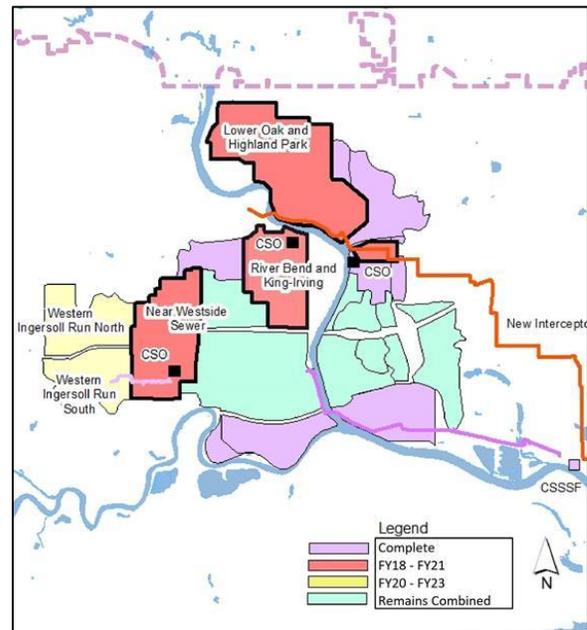


REVENUES - On 3/21/2016 (RC-16-0493), the City Council amended Municipal Code Sec 118-149 to increase the sanitary sewer volume charges. The current rate is \$6.92/1,000 gallon and will increase to \$7.27/1,000 gallon on 7/1/2018. With the substantial amount of money that is planned to be spent over the next few years, additional rate increases are likely. In addition to these charges, there is also a monthly service charge of \$4.40.

STORM WATER IMPROVEMENTS

STORM WATER - This category is for the design, construction, repair, and preventive maintenance of the City's storm sewer system, and local flood protection levee system. The City has ~493 miles of storm sewers, 32 pump stations, and approximately 23 miles of levees and floodwalls in the U.S. Army Corps of Engineers Levee Safety Program.

| STORM WATER PROJECTS | | |
|---|-----------------------|----------------------|
| | FY18-FY24 | YEAR COMPLETE |
| STORMWATER CIP | | |
| Closes Creek Watershed Improvements | 9,194,188 | FY23+ |
| Flood Mitigation Improvements | 78,000,000 | FY24 + |
| Easter Lake Watershed Improvements | 5,958,853 | FY20 |
| Hamilton Drainage Area Improvements | 15,231,579 | FY24 + |
| Leetown Creekway - Outlet Improvements | 9,891,379 | FY19 |
| City-wide Storm Water Utility Projects | 8,317,985 | On-going |
| Storm Water Pump Station Rehabilitation | 10,663,673 | FY22 + |
| TOTAL = | \$ 137,257,657 | |
| Storm Water Share of Sanitary Sewer Separation Projects - (FY19-FY24) | \$ 31,625,000 | |



REVENUES - Rates are based on ERU's or Equivalent Resident Unit - *the average impervious area of residential developed property per dwelling unit located within the city (ERU=2,349 sf)*. On 3/21/2016 (RC-16-0493), the City Council amended Municipal Code Sec 118-275 to increase the ERU billing rates. The current rate is \$12.07/ERU, and will increase to \$12.68 on 7/1/2018. With the substantial amount of money that is planned to be spent over the next few years, additional rate increases are likely.

PERSONNEL COSTS IN THE CAPITAL IMPROVEMENT BUDGET

Beginning with the amended FY2018 budget, the method used to budget staff charges in the departmental operating and capital improvement program budgets has changed. This change was made as a result of the functionality of the City's new ERP system.

Prior operating budget expenditures accounted for 100 percent of staff salaries and benefits, and an additional separate charge was made to projects for project related work. An offsetting revenue was budgeted in the employee's home organizational code to reimburse that department. The revenue was a transfer from the capital project. It is important to note that if this work was not performed by employees, the City would need to contract for the work.

| | | | |
|-------------------------|---|-------------------------------|----------|
| <u>Operating Budget</u> |  | <u>Capital Project Budget</u> | |
| Revenue | \$ 500 | Revenue | \$ - |
| Expense | \$ 1,000 | Expense | \$ 500 |
| Revenue Less Expense | \$ (500) | Revenue Less Expense | \$ (500) |
| | Hours Worked 20 – capital project - \$500 20 – non-capital project - \$500 | | |

Under the new method, staff charges for hours worked on a capital project will be charged directly to the project; thereby, eliminating the recording of a revenue in the operating budgets. Both the expense and revenue will be reduced.

| | | | |
|-------------------------|---|-------------------------------|----------|
| <u>Operating Budget</u> |  | <u>Capital Project Budget</u> | |
| Revenue | \$ - | Revenue | \$ - |
| Expense | \$ 500 | Expense | \$ 500 |
| Revenue Less Expense | \$ (500) | Revenue Less Expense | \$ (500) |
| | Hours Worked 20 - capital project - \$500 20 – non-capital project - \$500 | | |

The following tables show the total budgeted direct personnel costs for each section of the CIP by department.

| FY2018 - CAPITAL IMPROVEMENT BUDGET - TOTAL PERSONNEL COSTS | | | | | |
|---|------------------------------|------------------|----------------|----------------|------------------|
| | City Manager (Facilities) | Engineering | Parks | Public Works | Total |
| Bridge Improvements | - | 361,528 | - | - | 361,528 |
| Fire Improvements | - | 63,219 | - | - | 63,219 |
| Library Improvements | - | 32,314 | - | - | 32,314 |
| Miscellaneous Improvements | - | 32,994 | - | 79,925 | 112,919 |
| Municipal Building Improvements | 481,856 | 306,351 | 9,800 | - | 798,006 |
| Parking Improvements | 4,158 | 129,444 | - | - | 133,601 |
| Parks Improvements | 324,008 | 551,105 | 355,694 | 100,000 | 1,330,807 |
| Sanitary Sewer Improvements | - | 496,214 | - | - | 496,214 |
| Stormwater Improvements | - | 496,214 | 2,409 | - | 498,623 |
| Street Improvements | - | 1,952,255 | - | 400,000 | 2,352,255 |
| TOTAL PERSONNEL COSTS = | 810,021 | 4,421,637 | 367,903 | 579,925 | 6,179,486 |

SUMMARY
FY2018-19/2023-24 CIP

| FY2019 - CAPITAL IMPROVEMENT BUDGET - TOTAL PERSONNEL COSTS | | | | | |
|--|--------------------------------------|--------------------|----------------|---------------------|------------------|
| | City Manager (Facilities) | Engineering | Parks | Public Works | Total |
| Bridge Improvements | - | 375,355 | - | - | 375,355 |
| Fire Improvements | - | 65,738 | - | - | 65,738 |
| Library Improvements | - | 33,620 | - | - | 33,620 |
| Miscellaneous Improvements | - | 34,387 | - | 97,632 | 132,019 |
| Municipal Building Improvements | 499,695 | 318,142 | 10,294 | - | 828,131 |
| Parking Improvements | 4,324 | 134,651 | - | - | 138,975 |
| Parks Improvements | 336,012 | 573,436 | 372,878 | 100,000 | 1,382,326 |
| Sanitary Sewer Improvements | - | 516,541 | - | - | 516,541 |
| Stormwater Improvements | - | 516,541 | 2,505 | - | 519,046 |
| Street Improvements | - | 2,030,604 | - | 400,000 | 2,430,604 |
| TOTAL PERSONNEL COSTS = | 840,031 | 4,599,013 | 385,677 | 597,632 | 6,422,353 |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| CIP REVENUE SUMMARY Source | BUDGET | | PLANNED | | | | |
|----------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Assessments | - | - | 95,000 | 95,000 | 95,000 | 95,000 | 95,000 |
| DMWW | 642,440 | 937,952 | - | - | - | - | - |
| Energy Rebate | 10,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| Federal | 3,627,411 | 4,290,000 | 3,618,000 | 6,790,000 | 2,140,000 | 2,140,000 | 140,000 |
| Federal - Pending | - | - | 1,200,000 | 775,000 | 5,875,000 | 4,775,000 | 3,775,000 |
| G.O. Bonds Issued | 35,529,000 | - | - | - | - | - | - |
| G.O. Bonds to be Issued | 250,000 | 39,955,000 | 77,350,000 | 52,865,000 | 38,010,000 | 32,380,000 | 55,115,000 |
| Gaming Monies | 4,425,000 | 4,425,000 | 4,200,000 | 4,100,000 | 4,100,000 | 4,000,000 | 4,000,000 |
| General Fund | 222,400 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 |
| Iowa Cubs | 66,000 | 66,000 | 66,000 | 41,000 | 16,000 | 16,000 | 16,000 |
| Other | 526,319 | 370,000 | 145,000 | 145,000 | 145,000 | 145,000 | 145,000 |
| Park and Ride Fund | 200,000 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Parking Fund | 1,810,000 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 |
| Polk County | 206,125 | - | - | - | - | - | - |
| Private | 2,155,000 | 4,275,000 | 3,500,000 | 900,000 | 500,000 | 500,000 | 500,000 |
| RISE | 84,932 | - | - | - | - | - | - |
| Road Use Tax | 3,500,000 | 2,700,000 | 3,700,000 | 2,950,000 | 2,950,000 | 2,950,000 | 2,950,000 |
| Sale of Land | 872,000 | 500,000 | - | - | - | - | - |
| Sales Tax Increment | 2,110,466 | 1,387,610 | 1,823,397 | 2,050,000 | 1,942,353 | 1,863,107 | 1,774,875 |
| San. Sewer Rev. to be Issued | - | - | - | - | - | - | - |
| Sanitary Sewer Fund | 2,780,197 | 8,796,000 | 5,172,500 | 6,950,000 | 6,250,000 | 6,350,000 | 5,150,000 |
| Schools | 363,588 | - | - | - | - | - | - |
| Solid Waste Fund | 3,000,000 | - | - | - | - | - | - |
| Solid Waste Bonds to be Issued | - | - | 8,000,000 | - | - | - | - |
| SRF Funding - Storm | 4,504,117 | 7,092,500 | 8,565,000 | 5,000,000 | - | - | - |
| SRF Funding - Sanitary | 4,504,117 | 6,492,500 | 7,565,000 | 2,500,000 | - | - | - |
| State | 1,509,706 | 2,300,000 | 2,900,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| State - Pending | 788,307 | 650,000 | 200,000 | - | 500,000 | 500,000 | 500,000 |
| Storm Rev Bonds Issued | - | - | - | - | - | - | - |
| Storm Rev Bonds to be Issued | 22,000,000 | 25,750,000 | 11,500,000 | 13,000,000 | 6,000,000 | 21,350,000 | - |
| Storm Water Utility Fund | 6,582,323 | 7,420,193 | 2,547,500 | 2,025,000 | 4,332,647 | 3,636,893 | 4,175,125 |
| Tax Increment Bonds Issued | 6,355,000 | - | - | - | - | - | - |
| Tax Increment Bonds to be Issued | - | 6,760,000 | 14,485,000 | 8,345,000 | 5,310,000 | 5,290,000 | 1,225,000 |
| TIF Cash | - | 560,000 | - | - | - | - | - |
| TIGER | 2,100,000 | 3,500,000 | 1,940,000 | 460,000 | - | - | - |
| Utilities | 207,506 | - | - | - | - | - | - |
| WRA | 50,000 | - | - | - | - | - | - |
| Grand Total = | 110,981,954 | 130,170,255 | 160,364,897 | 110,933,500 | 80,108,500 | 87,283,500 | 80,853,500 |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| CIP Project Summary | | | | | | | |
|---|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|
| Bridge/Viaduct | BUDGET | | PLANNED | | | | |
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 8,784,552 | 8,850,000 | 710,000 | 100,000 | 1,550,000 | 1,600,000 | - |
| Revenues | | | | | | | |
| Federal | 1,611,003 | 2,750,000 | 1,000,000 | 2,000,000 | 1,000,000 | 1,000,000 | - |
| Federal - Pending | - | - | - | - | - | - | - |
| DMWW | 79,650 | - | - | - | - | - | - |
| Gaming Monies | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| G.O. Bonds Issued | - | - | - | - | - | - | - |
| G.O. Bonds to be Issued | - | - | 2,050,000 | 750,000 | 450,000 | 450,000 | - |
| Other | 7,500 | - | - | - | - | - | - |
| Polk County | 206,125 | - | - | - | - | - | - |
| Schools | 363,588 | - | - | - | - | - | - |
| TIGER | 2,100,000 | 3,500,000 | 1,940,000 | 460,000 | - | - | - |
| Tax Increment Bonds Issued | 3,195,000 | - | - | - | - | - | - |
| Tax Increment Bonds to be Issued | - | 3,050,000 | 4,300,000 | 250,000 | 4,000,000 | 3,900,000 | - |
| Utilities | 207,506 | - | - | - | - | - | - |
| Total Revenue = | 9,770,372 | 11,300,000 | 11,290,000 | 5,460,000 | 7,450,000 | 7,350,000 | 2,000,000 |
| Expenditures | | | | | | | |
| City-wide Bridges | 1,489,420 | 600,000 | 500,000 | 450,000 | 500,000 | 500,000 | 2,000,000 |
| Court Avenue Bridge Over Dm River | 2,476,699 | 6,100,000 | - | - | - | - | - |
| E. 30th Street Bridge over UPRR | 548,980 | 4,500,000 | 2,400,000 | - | - | - | - |
| Evergreen Avenue over Easter Lake | 1,126,692 | - | - | - | - | - | - |
| Grand Ave Bridge over the DM River | 4,299,353 | - | - | - | - | - | - |
| Guthrie Avenue Bridge over UPRR | - | 300,000 | 100,000 | 50,000 | 1,900,000 | 3,050,000 | - |
| Locust St. Bridge over the DM River | 623,895 | 5,000,000 | 4,800,000 | - | - | - | - |
| Scott Ave Bridge over the DM River | 822,618 | 2,130,000 | 2,000,000 | - | - | - | - |
| 2nd Avenue Bridge over Des Moines River | - | 300,000 | 1,600,000 | 2,300,000 | - | - | - |
| S Union St. Bridge/S. Middle Creek | 345,054 | - | - | - | - | - | - |
| SW 1st Street Bridge over Raccoon River | 71,995 | 10,000 | 500,000 | 960,000 | - | - | - |
| Walnut St. Bridge/DM River | - | 500,000 | - | 250,000 | 5,000,000 | 5,400,000 | - |
| Total Expenditures = | 11,804,706 | 19,440,000 | 11,900,000 | 4,010,000 | 7,400,000 | 8,950,000 | 2,000,000 |
| Transfer to Other Projects = | 2,099,782 | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Fire Protection | BUDGET | | PLANNED | | | | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 3,182,376 | 1,920,000 | - | - | - | - | - |
| Revenues | | | | | | | |
| Federal | 230,364 | - | 200,000 | - | - | - | - |
| G.O. Bonds Issued | 2,675,000 | - | - | - | - | - | - |
| G.O. Bonds to be Issued | - | 4,095,000 | 6,650,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Total Revenue = | 2,905,364 | 4,095,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Expenditures | | | | | | | |
| Equipment Acquisition | 3,847,619 | 5,280,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 |
| Fire Station Remodeling | 127,028 | 235,000 | 750,000 | 200,000 | 150,000 | 150,000 | 150,000 |
| NE Fire Station | 249,154 | 500,000 | 5,000,000 | 2,500,000 | - | - | - |
| Total Expenditures = | 4,223,801 | 6,015,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Transfer to Other Projects = | 56,061 | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Library | BUDGET | | PLANNED | | | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 219,293 | 100,000 | - | - | - | - | - |
| Revenues | | | | | | | |
| G.O. Bonds Issued | 1,920,000 | - | - | - | - | - | - |
| G.O. Bonds to be Issued | - | 1,005,000 | 1,340,000 | 2,010,000 | 1,435,000 | 1,000,000 | 1,020,000 |
| Other | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 |
| Total Revenue = | 2,040,000 | 1,125,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 |
| Expenditures | | | | | | | |
| Collection Additions and Replacement | 841,408 | 875,000 | 885,000 | 895,000 | 905,000 | 920,000 | 940,000 |
| Miscellaneous Building Improvements | 275,998 | 350,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 |
| Replacement of RFID System | 950,000 | - | - | - | - | - | - |
| Kiosk - SE Service | 99,804 | - | - | - | - | - | - |
| Total Expenditures = | 2,167,210 | 1,225,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 |
| Transfer to Other Projects = | 7,917 | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Miscellaneous | BUDGET | | PLANNED | | | | |
|--|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 2,372,524 | 90,000 | - | - | - | - | - |
| Revenues | | | | | | | |
| G.O. Bonds Issued | 5,060,000 | - | - | - | - | - | - |
| G.O. Bonds to Be Issued | - | 5,080,000 | 12,410,000 | 12,550,000 | 4,780,000 | 4,055,000 | 4,030,000 |
| Other | 25,000 | - | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| Private | 300,000 | 3,400,000 | - | - | - | - | - |
| Parking Fund | 30,000 | - | - | - | - | - | - |
| Sanitary Sewer Fund | 30,000 | 6,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Storm Water Utility Fund | 215,200 | 291,200 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| TIF Cash | - | 165,000 | - | - | - | - | - |
| WRA | 50,000 | - | - | - | - | - | - |
| Total Revenue = | 5,710,200 | 8,942,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 |
| Expenditures | | | | | | | |
| City Tree Replacement Fund | 275,407 | 247,200 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Comp. Plan and Zoning Code Update | 141,960 | - | - | - | - | - | - |
| Emerald Ash Borer Response Plan | 952,695 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 |
| Fleur Drive Passageway | 300,000 | 3,400,000 | - | - | - | - | - |
| Information Technology | 2,404,053 | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 |
| Market District Study | 249,609 | 255,000 | - | - | - | - | - |
| Neighborhood Dev. Corporation | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Neighborhood Finance Corporation | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Permitting and Licensing Management Software | 1,419,000 | 500,000 | - | - | - | - | - |
| Public Safety Communication System Upgrade | - | 100,000 | 6,780,000 | 6,120,000 | - | - | - |
| Public Art | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Vacant Property Redevelopment | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Expenditures = | 7,992,724 | 9,032,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 |
| Transfer to Other Projects = | - | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Municipal Building | BUDGET | | PLANNED | | | | |
|---------------------------------------|-------------------|------------------|-------------------|------------------|------------------|----------------|-------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 5,202,506 | 1,275,000 | - | - | - | - | - |
| Revenues | | | | | | | |
| Energy Rebate | 10,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| ARRA - Federal Stimulus | - | - | - | - | - | - | - |
| General Fund | 222,400 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 |
| G.O. Bonds Issued | 6,364,000 | - | - | - | - | - | - |
| G.O. Bonds to be Issued | 250,000 | 1,450,000 | 22,800,000 | 6,650,000 | 2,175,000 | 925,000 | 23,325,000 |
| Solid Waste Bonds to be Issued | - | - | 8,000,000 | - | - | - | - |
| Solid Waste Fund | 3,000,000 | - | - | - | - | - | - |
| Sanitary Sewer Fund | 500,000 | - | 50,000 | - | - | - | 2,500,000 |
| Storm Water Utility Fund | 500,000 | - | 50,000 | - | - | - | 2,500,000 |
| Other | 97,103 | - | - | - | - | - | - |
| Total Revenue = | 10,943,503 | 1,492,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 |
| Expenditures | | | | | | | |
| ADA Modifications | 459,203 | 375,000 | 400,000 | 425,000 | 450,000 | - | - |
| Armory Improvements | 199,530 | 150,000 | 250,000 | - | - | - | - |
| City Hall Improvements | 3,499,260 | - | - | - | - | - | - |
| Energy Conservation | 58,216 | 402,500 | 52,500 | 52,500 | 52,500 | 52,500 | 52,500 |
| HVAC, Electrical, and Plumbing Imp. | 432,821 | 540,000 | 390,000 | 390,000 | 390,000 | 390,000 | 390,000 |
| Municipal Building Improvements | 304,916 | 400,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Municipal Building Reroofing | 309,885 | 200,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 |
| Municipal Service Center | 8,517,864 | 350,000 | 28,600,000 | 5,000,000 | - | - | 27,500,000 |
| Police Academy Improvements | - | - | - | 50,000 | 850,000 | - | - |
| Police Facility Improvements | 1,001,572 | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Public Works Building Improvements | 87,742 | 50,000 | 50,000 | 50,000 | 50,000 | - | - |
| Total Expenditures = | 14,871,009 | 2,767,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 |
| Transfer from other Projects = | - | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Parks | BUDGET | | PLANNED | | | | |
|--|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 5,615,104 | 4,683,000 | 684,000 | 85,000 | 110,000 | 110,000 | 110,000 |
| Revenues | | | | | | | |
| Federal | - | 600,000 | - | - | - | - | - |
| Federal - Pending | - | - | 700,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| G.O. Bonds Issued | 5,635,000 | - | - | - | - | - | - |
| G.O. Bonds to Be Issued | - | 8,175,000 | 7,675,000 | 5,035,000 | 5,625,000 | 5,300,000 | 5,325,000 |
| Iowa Cubs | 66,000 | 66,000 | 66,000 | 41,000 | 16,000 | 16,000 | 16,000 |
| Private | 1,530,000 | 250,000 | - | - | - | - | - |
| RISE | 84,932 | - | - | - | - | - | - |
| State | 202,292 | - | 250,000 | - | - | - | - |
| Tax Increment Bonds to be Issued | - | 260,000 | 210,000 | 170,000 | 185,000 | 265,000 | 100,000 |
| Other | 119,345 | - | - | - | - | - | - |
| Total Revenue = | 7,637,569 | 9,351,000 | 8,901,000 | 5,496,000 | 6,076,000 | 5,831,000 | 5,691,000 |
| Expenditures | | | | | | | |
| Cemetery Infrastructure and Imp. | 163,917 | 250,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 |
| Community Center Improvements | 419,583 | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Gray's Lake Park Improvements | 386,259 | 2,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 |
| MacRae Park Improvements | 500,058 | 1,100,000 | 500,000 | - | - | - | - |
| Multi-Use Trails | 787,012 | 2,000,000 | 1,850,000 | 650,000 | 750,000 | 750,000 | 750,000 |
| Park Improvements | 1,371,452 | 1,650,000 | 1,750,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 |
| Park Building Improvements | 508,491 | 475,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 |
| Principal Park | 968,881 | 275,000 | 225,000 | 186,000 | 201,000 | 281,000 | 116,000 |
| Riverview Park - Earthwork and Stage | 450,000 | 1,150,000 | - | - | - | - | - |
| Riverview Park - Site, Plaza and Shelter | - | 100,000 | 1,400,000 | - | - | - | - |
| Riverwalk | 70,911 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Road, Sidewalk, and Utility Imp. | 421,874 | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 |
| Sports Complexes | 879,172 | 450,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 |
| Swimming Pools/Aquatic Infra. | 528,647 | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Urban Conservation Projects | 549,645 | 600,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Wading Pool Improvements | 463,771 | 700,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 |
| Watershed Park Amenities | 100,000 | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Expenditures = | 8,569,673 | 13,350,000 | 9,500,000 | 5,471,000 | 6,076,000 | 5,831,000 | 5,691,000 |
| Transfers from/(TO) Other Projects = | - | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Street | BUDGET | | PLANNED | | | | |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 15,857,345 | 5,015,000 | 1,900,000 | 3,878,000 | 4,600,000 | 5,100,000 | 5,400,000 |
| Revenues | | | | | | | |
| ARRA - Federal Stimulus | - | - | - | - | - | - | - |
| Assessments | - | - | 95,000 | 95,000 | 95,000 | 95,000 | 95,000 |
| DMWW | 562,790 | 785,000 | - | - | - | - | - |
| Federal | 1,786,044 | 940,000 | 2,418,000 | 4,790,000 | 1,140,000 | 1,140,000 | 140,000 |
| Federal - Pending | - | - | 500,000 | 525,000 | 5,625,000 | 4,525,000 | 3,525,000 |
| G.O. Bonds Issued | 13,875,000 | - | - | - | - | - | - |
| G.O. Bonds to be Issued | - | 20,150,000 | 24,425,000 | 21,025,000 | 22,075,000 | 18,250,000 | 19,525,000 |
| Gaming Monies | 2,425,000 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| Other | 157,371 | 250,000 | - | - | - | - | - |
| Private | 325,000 | 625,000 | 3,500,000 | 900,000 | 500,000 | 500,000 | 500,000 |
| Road Use Tax | 3,500,000 | 2,700,000 | 3,700,000 | 2,950,000 | 2,950,000 | 2,950,000 | 2,950,000 |
| Sale of Land | 872,000 | 500,000 | - | - | - | - | - |
| Sanitary Sewer Fund | 112,000 | 350,000 | 750,000 | - | - | - | - |
| State | 1,307,414 | 2,300,000 | 2,650,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| State - Pending | - | 150,000 | 200,000 | - | 500,000 | 500,000 | 500,000 |
| Storm Water Utility Fund | 991,117 | 1,750,000 | 100,000 | - | - | - | - |
| TIF Cash | - | 395,000 | - | - | - | - | - |
| Tax Increment Bonds Issued | 3,160,000 | - | - | - | - | - | - |
| Tax Increment Bonds to be Issued | - | 3,450,000 | 9,975,000 | 7,925,000 | 1,125,000 | 1,125,000 | 1,125,000 |
| Total Revenue = | 29,073,736 | 36,770,000 | 50,513,000 | 40,460,000 | 36,260,000 | 31,235,000 | 30,510,000 |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Street Continued | BUDGET | | PLANNED | | | | |
|---|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Expenditures | | | | | | | |
| Active Transportation | - | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Arterial Pavement Rehabilitation | 42,904 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 |
| Asphaltic Paving Restoration Prog. | 1,290,618 | 1,350,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 |
| Concrete Curb Replacement Program | 274,257 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Concrete Paving Restoration Program | 1,003,491 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 |
| Connect Downtown | 78,458 | 850,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Corridor Improvements | 526,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| E. Douglas Widening - E 42nd - E 56th | - | 500,000 | 2,700,000 | 4,000,000 | 3,100,000 | - | - |
| E 42nd and Hubbell Ave Inters. Imp | 1,714,840 | 1,000,000 | - | - | - | - | - |
| Easton- E 34th St/4-Mile Crk Curb | - | - | 1,100,000 | 600,000 | - | - | - |
| E. Village Street Improvements | 326,051 | - | 300,000 | 300,000 | - | - | - |
| 42nd Street Streetscape | 2,065,765 | - | - | - | - | - | - |
| Fed Title-23 Land Sales | - | - | - | - | - | - | - |
| Gray's Parkway | - | 250,000 | 750,000 | - | - | - | - |
| Highland Park Streetscape | 72,000 | - | 850,000 | 1,478,000 | - | - | - |
| Hubbell and Broadway Intersection Improvements | 50,000 | 700,000 | - | - | - | - | - |
| Hubbell Ave - E 33rd to E 38th | 912,159 | 3,500,000 | 7,375,000 | - | - | - | - |
| Indianola Widen- E Army Post Rd-Hwy 69 | 250,000 | 250,000 | 750,000 | 3,250,000 | 2,500,000 | 1,500,000 | - |
| LED Street Lighting Upgrades | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| McKinley Ave Widen-Fleur Dr-E Indianola | 2,558,129 | 2,750,000 | 1,400,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Merle Hay/Hickman Intersection Imp | - | 500,000 | 200,000 | - | - | - | - |
| Merle Hay Road Widen- Boston Ave-Douglas | - | - | 300,000 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Neighborhood Infra Rehab Prog | 1,312,584 | 1,275,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 |
| Park Ave Widening - SW 56th-SW 63rd St. | 2,626,235 | - | - | - | - | - | - |
| PCC Pavement Replacement Program | 189,256 | 50,000 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| RR Crossing Surface/Signal Imp | 182,247 | - | 50,000 | - | 100,000 | - | - |
| Rehab/Preservation Major Roadways | 1,446,455 | 150,000 | 900,000 | 925,000 | 925,000 | 925,000 | 925,000 |
| Residential Paving Program | 310,835 | 250,000 | 420,000 | 320,000 | 320,000 | 320,000 | 320,000 |
| Roadway Reconstruction | 1,288,319 | 2,750,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 |
| Sidewalks - ADA Compliance | 1,588,885 | 1,500,000 | 1,500,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Sidewalk Replacement | 969,022 | 675,000 | 675,000 | 675,000 | 675,000 | 700,000 | 725,000 |
| Sidewalks - School and Priority Routes | 574,802 | 300,000 | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 |
| 6th Avenue Streetscape | 44,615 | 2,750,000 | 975,000 | 2,200,000 | 2,000,000 | 1,250,000 | - |
| Skywalk System | 1,826,973 | 2,050,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| SE Connector - S.E. 30th Street to US 65 | 4,107,364 | 1,500,000 | 2,000,000 | 2,350,000 | 4,500,000 | 4,500,000 | 7,500,000 |
| SE 7th Street Reconstruction and Trunk Sewer | - | 750,000 | 2,250,000 | - | - | - | - |
| S.E. 30th Widening - RR Viaduct to S.E. Connector | - | - | - | 200,000 | 2,000,000 | 2,200,000 | 2,200,000 |
| Special City-wide Street Improvements | 5,142,725 | 2,425,000 | 2,200,000 | 2,100,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| Streetscape Improvements | 416,539 | 845,000 | 2,000,000 | 1,800,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Traffic Studies and Improvements | 335,191 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Traffic Median Island Replacement | - | - | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Traffic Signals/Channelization/School Crossings | 1,976,717 | 150,000 | 650,000 | 650,000 | 650,000 | 650,000 | 650,000 |
| Traffic System Operation Improvements | 610,057 | 1,140,000 | 1,640,000 | 1,640,000 | 1,640,000 | 1,640,000 | 640,000 |
| Traffic Sign Inventory Program | 194,754 | - | - | - | - | - | - |
| Transportation Master Plan | 353,225 | 150,000 | - | - | - | - | - |
| University Avenue - 42nd Street to 63rd Street | - | 450,000 | 1,100,000 | - | - | - | - |
| Vandalia Road Improvements | 900,000 | 2,250,000 | - | - | - | - | - |
| Walnut Street Streetscape | 1,054,609 | 250,000 | 3,500,000 | 3,500,000 | - | - | - |
| Total Expenditures = | 38,816,081 | 39,885,000 | 48,535,000 | 39,738,000 | 35,760,000 | 30,935,000 | 30,210,000 |
| Transfers from/(TO) Other Projects = | (1,100,000) | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Parking | BUDGET | | PLANNED | | | | |
|-------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 309,366 | - | - | - | - | - | - |
| Revenues | | | | | | | |
| Parking Fund | 1,780,000 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 |
| Park and Ride Fund | 200,000 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Total Revenue = | 1,980,000 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 |
| Expenditures | | | | | | | |
| Parking Facility Rehab/Repair Prog | 2,014,679 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 |
| Park and Ride Facility Improvements | 274,687 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Total Expenditures = | 2,289,366 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 |
| Transfers = | - | - | - | - | - | - | - |
| Projects with no sheet = | - | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

| Sanitary Sewer | BUDGET | | PLANNED | | | | |
|---|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 2,875,085 | 1,350,000 | 1,950,000 | - | - | - | - |
| Revenues | | | | | | | |
| Sanitary Sewer Fund | 2,138,197 | 8,440,000 | 4,322,500 | 6,900,000 | 6,200,000 | 6,300,000 | 2,600,000 |
| SRF Funding - Storm | 4,504,117 | 7,092,500 | 8,565,000 | 5,000,000 | - | - | - |
| SRF Funding - Sanitary | 4,504,117 | 6,492,500 | 7,565,000 | 2,500,000 | - | - | - |
| Storm Water Utility Fund | 1,125,752 | 665,000 | 372,500 | 250,000 | 2,100,000 | 1,950,000 | - |
| Total Revenue = | 12,272,183 | 22,690,000 | 20,825,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 |
| Expenditures | | | | | | | |
| Little Four Mile Trunk Sanitary Sewer | 803,100 | 1,425,000 | - | - | - | - | - |
| Lower Oak Park and Highland Park Sewer Separation | 3,817,491 | 4,935,000 | 1,545,000 | - | - | - | - |
| Market District Pump Station | - | 2,550,000 | 1,950,000 | - | - | - | - |
| Near West Side Sewer Separation | 5,153,578 | 4,800,000 | 6,650,000 | 2,100,000 | - | - | - |
| River Bend and King Irving Sewer Separation | 1,233,070 | 4,280,000 | 7,380,000 | 3,200,000 | - | - | - |
| Sanitary Sewer Lining and Repair | 1,890,029 | 2,500,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 |
| Sanitary Sewer Trunk Sewers | 100,000 | 100,000 | 350,000 | 1,500,000 | 1,500,000 | 1,750,000 | - |
| Western Ingersoll Run Sewer Sep. | 800,000 | 1,500,000 | 2,300,000 | 5,250,000 | 4,200,000 | 3,900,000 | - |
| Total Expenditures = | 13,797,268 | 22,090,000 | 22,775,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 |
| Transfers from (To) other Projects = | - | - | - | - | - | - | - |

CITY OF DES MOINES
2017-2019/2023-24 Capital Improvements Program - Revenue and Expenditure Summary

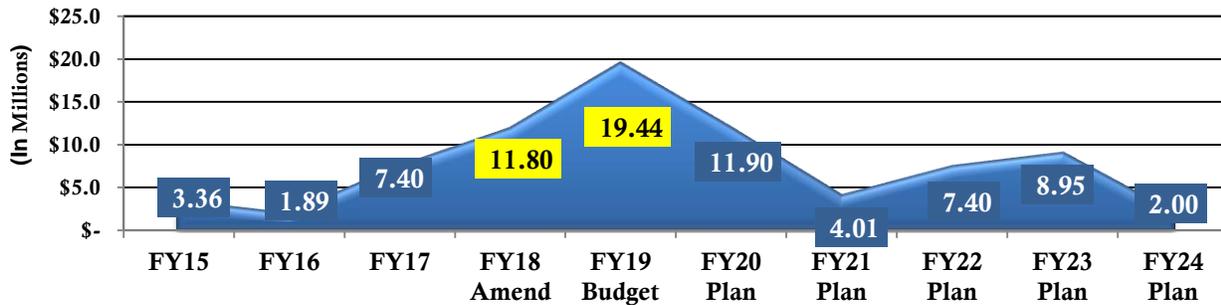
| Storm Sewer | BUDGET | | PLANNED | | | | |
|---|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| Beginning Fund Balance | 8,905,678 | 18,100,000 | 12,126,603 | 6,500,000 | 6,550,000 | - | 8,500,000 |
| Revenues | | | | | | | |
| DMWW | - | 152,952 | - | - | - | - | - |
| Sales Tax Increment | 2,110,466 | 1,387,610 | 1,823,397 | 2,050,000 | 1,942,353 | 1,863,107 | 1,774,875 |
| State - Pending | 788,307 | 500,000 | - | - | - | - | - |
| Storm Rev Bonds to be Issued | 22,000,000 | 25,750,000 | 11,500,000 | 13,000,000 | 6,000,000 | 21,350,000 | - |
| Storm Water Utility Fund | 3,750,254 | 4,713,993 | 1,825,000 | 1,575,000 | 2,032,647 | 1,486,893 | 1,475,125 |
| Total Revenue = | 28,649,027 | 32,504,555 | 15,148,397 | 16,625,000 | 9,975,000 | 24,700,000 | 3,250,000 |
| | 2017-2018 | 2018-2019 | 2019-2020 | 2020-2021 | 2021-2022 | 2022-2023 | 2023-2024 |
| City-wide Storm Water Utility Projects | 2,917,985 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| Closes Creek Watershed Improvements | 744,188 | 3,750,000 | 550,000 | - | 450,000 | 3,700,000 | - |
| Flood Mitigation Improvements | 8,500,000 | 23,250,000 | 11,500,000 | 9,000,000 | 9,000,000 | 9,000,000 | 7,750,000 |
| Easter Lake Watershed Improvements | 1,208,853 | 2,100,000 | 2,650,000 | - | - | - | - |
| Gray's Station Detention Basin | 300,000 | 2,200,000 | - | - | - | - | - |
| Hamilton Drainage Area Improvements | 281,579 | 450,000 | 2,100,000 | 3,600,000 | 3,100,000 | 2,600,000 | 3,100,000 |
| Leetown Creekway – Outlet Improvements | 5,238,427 | 4,652,952 | - | - | - | - | - |
| Storm Water Pump Station Rehabilitation | 263,673 | 1,175,000 | 3,075,000 | 3,075,000 | 3,075,000 | - | - |
| Total Expenditures = | 19,454,705 | 38,477,952 | 20,775,000 | 16,575,000 | 16,525,000 | 16,200,000 | 11,750,000 |
| Transfers from (To) other Projects = | - | - | - | - | - | - | - |

Bridge and Viaduct Improvements

2018-19/2023-24 Capital Improvements Program

This category involves the design and construction of new bridges and the major repair and rehabilitation of 68 bridges and viaducts which are on the Federal Highway Administration National Bridge Inventory. Projects are prioritized based on the results of bridge inspections that are conducted every other year. Other bridge work may appear in the Street Section of the CIP if that bridge work is an essential part of a street project.

BRIDGE CIP EXPENDITURES FY15-FY17 (ACTUAL), FY18-FY19 (BUDGETED), & FY20- 24 (PLAN)



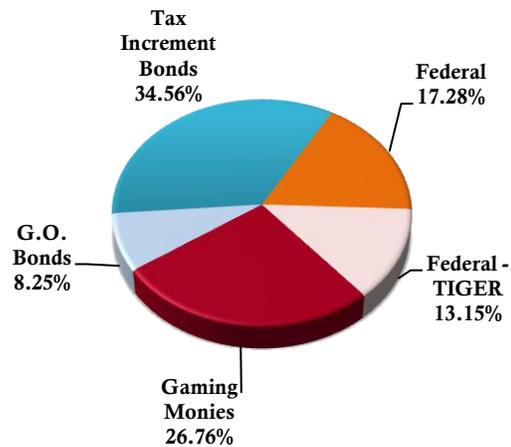
EXPENDITURES

\$53,500,000 of bridge and viaduct improvements are planned to undertaken between FY19 and FY24 - an average of \$8.9 million/year. Major projects anticipated or underway include: Court Ave over DM River (FY17-FY19); E. 30th Street Bridge over UPRR (FY17-FY20); Evergreen Avenue over Easter Lake (FY17-FY18); Grand Avenue Bridge/DM River - (FY16-FY18); Guthrie Avenue Bridge over UPRR (FY19-FY23); Locust Street Bridge/DM River (FY17-FY20); 2nd Avenue Bridge over Des Moines River (FY19-FY21); Scott Avenue Bridge/DM River - (FY17-FY20); SW 1st Street Bridge over Raccoon River (FY20-FY21); and Walnut Street Bride/DM River (FY21-FY23).

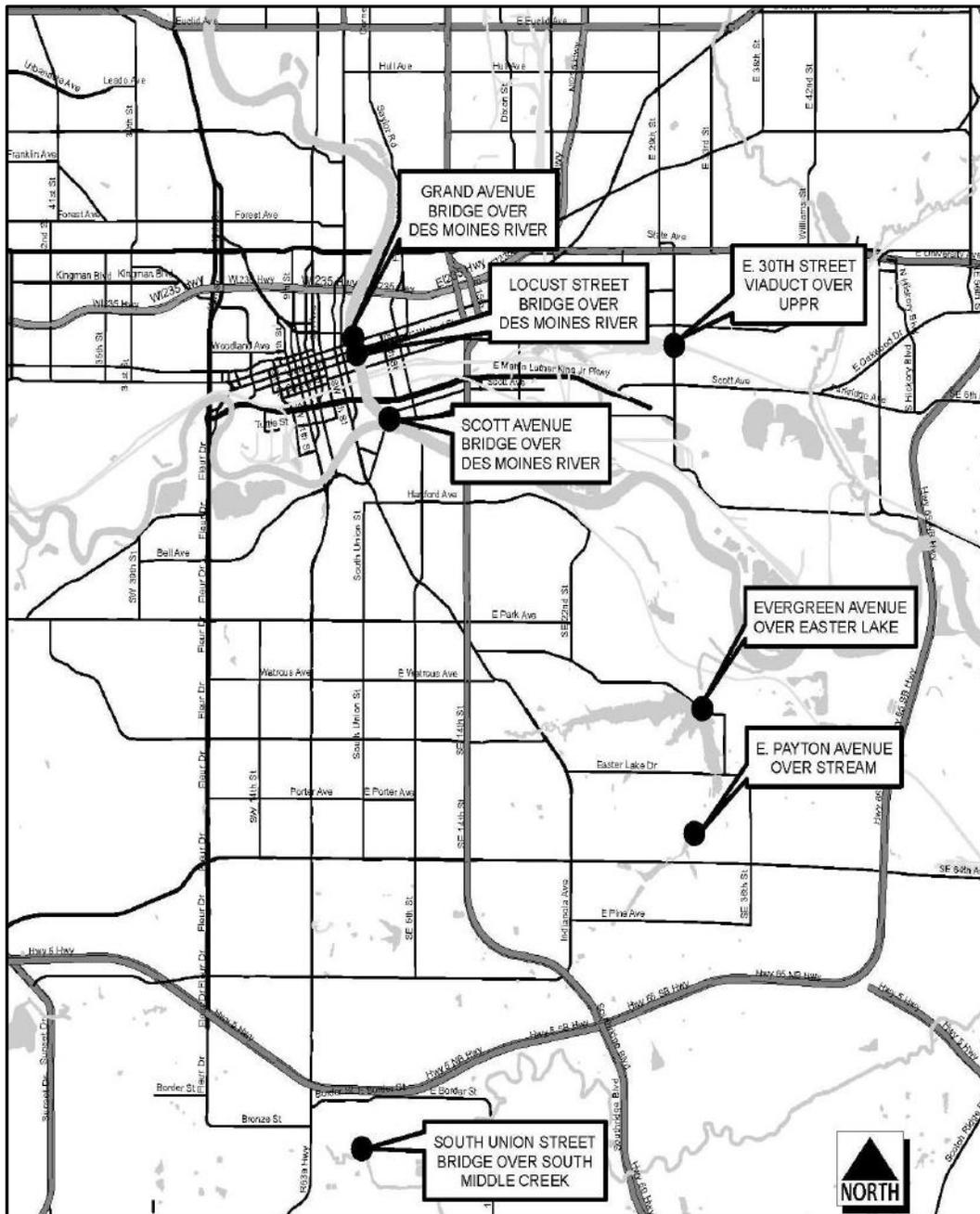
REVENUES

\$2,000,000/year of gaming monies was added as a funding source for bridge projects beginning in FY08. State funding is uncommon for these projects, however, Federal funds can pay for 80 percent of the cost of a major bridge reconstruction project.

BRIDGE CIP - FUNDING SOURCES FY 2018-19/2024



Bridge and Viaduct Improvements 2018-19/2023-24 Capital Improvements Program



| BRIDGE | EST DATE OF COMPLETION | TOTAL COST |
|--|------------------------|------------|
| Court Avenue Bridge over the Des Moines River | Dec-2018 | 8,700,000 |
| E. 30th Street Bridge over UPRR | Dec-2019 | 7,500,000 |
| Grand Avenue Bridge over the Des Moines River | Jun-2018 | 10,800,000 |
| Guthrie Avenue bridge over UPRR | Jun-2023 | 5,400,000 |
| Locust Street Bridge over the Des Moines River | Jun-2020 | 10,600,000 |
| Scott Avenue Bridge over the Des Moines River | Dec-2019 | 5,100,000 |
| 2nd Avenue Bridge over Des Moines river | Dec-2020 | 4,200,000 |
| SW 1st Street Bridge over Raccoon River | Dec-2020 | 1,560,000 |
| Walnut Street Bridge over the Des Moines River | Jun-2023 | 11,150,000 |

**Bridge and Viaduct Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 34,260,000
Cost Beyond Six-year Period 30,000,000
Committed 06-30-2017: —

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 8,784,552 | 8,850,000 | 710,000 | 100,000 | 1,550,000 | 1,600,000 | — |
| Revenues: | | | | | | | | | |
| Federal | 11,396,631 | 2,035,628 | 1,611,003 | 2,750,000 | 1,000,000 | 2,000,000 | 1,000,000 | 1,000,000 | — |
| Federal - Pending | — | — | — | — | — | — | — | — | — |
| DMWW | 148,909 | 69,259 | 79,650 | — | — | — | — | — | — |
| Gaming Monies | 21,745,000 | 7,745,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| G.O. Bonds Issued | 5,956,393 | 5,956,393 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 3,700,000 | — | — | — | 2,050,000 | 750,000 | 450,000 | 450,000 | — |
| Other | 23,150 | 15,650 | 7,500 | — | — | — | — | — | — |
| Polk County | 206,125 | — | 206,125 | — | — | — | — | — | — |
| Schools | 363,588 | — | 363,588 | — | — | — | — | — | — |
| TIGER | 8,000,000 | — | 2,100,000 | 3,500,000 | 1,940,000 | 460,000 | — | — | — |
| Tax Increment Bonds Issued | 7,965,000 | 4,770,000 | 3,195,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 15,500,000 | — | — | 3,050,000 | 4,300,000 | 250,000 | 4,000,000 | 3,900,000 | — |
| Utilities | 207,506 | — | 207,506 | — | — | — | — | — | — |
| Total Revenue | 75,212,302 | 20,591,930 | 9,770,372 | 11,300,000 | 11,290,000 | 5,460,000 | 7,450,000 | 7,350,000 | 2,000,000 |
| Total Transfers | 2,099,782 | — | 2,099,782 | — | — | — | — | — | — |
| Expenditures | 77,312,084 | 11,807,378 | 11,804,706 | 19,440,000 | 11,900,000 | 4,010,000 | 7,400,000 | 8,950,000 | 2,000,000 |
| Ending Cash Balance | / / / / / | 8,784,552 | 8,850,000 | 710,000 | 100,000 | 1,550,000 | 1,600,000 | — | — |
| Change in Expend. (Prev. Yr.) | 8,139,965 | (3,852,241) | 1,402,206 | 2,440,000 | 840,000 | (3,440,000) | 3,900,000 | 6,850,000 | — |
| Transfers between Closed Projec | (989,782) | — | (989,782) | — | — | — | — | — | — |

Bridge and Viaduct Improvements
City-wide Bridges
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|--|----------------|-----------------------------|-----------|
| Department - Chart of Accounts | Engineering | C032EG99 BR003 | Cost for Plan Period | 3,950,000 |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. | | Cost Beyond Six-year Period | — |
| PlanDSm Reference: | Pages 24-31/49-51 | | Committed 06-30-2017: | — |
| General Category: | Infrastructure - Repair/Rehab | | Estimated Useful Life | 30 |
| Ward(s): | 1,2,3,4 | | Start Date: | Ongoing |
| Node: | N/A | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 993,332 | 600,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| DMWW | 69,259 | 69,259 | — | — | — | — | — | — | — |
| Federal | 16,191 | 16,191 | — | — | — | — | — | — | — |
| Gaming Monies | 5,095,000 | 1,145,000 | — | — | 500,000 | 450,000 | 500,000 | 500,000 | 2,000,000 |
| G.O. Bonds Issued | 3,331,187 | 3,331,187 | — | — | — | — | — | — | — |
| Schools | 363,588 | — | 363,588 | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 150,000 | — | 150,000 | — | — | — | — | — | — |
| Other | 23,150 | 15,650 | 7,500 | — | — | — | — | — | — |
| Total Revenue | 9,048,375 | 4,577,287 | 521,088 | — | 500,000 | 450,000 | 500,000 | 500,000 | 2,000,000 |
| Transfers In (Out): | | | | | | | | | |
| PK175 - PK Road, Sidewalk, U | 110,000 | — | 110,000 | — | — | — | — | — | — |
| BR039 - Structural Repair | 300,000 | — | 300,000 | — | — | — | — | — | — |
| BR050 - Evergreen Ave over E | 125,000 | — | 125,000 | — | — | — | — | — | — |
| BR056 - SW 1st / Raccoon Riv | (100,000) | — | (100,000) | — | — | — | — | — | — |
| BR048 - S Union St Bridge / S | 140,000 | — | 140,000 | — | — | — | — | — | — |
| Total Transfers | 575,000 | — | 575,000 | — | — | — | — | — | — |
| Expenditures | 9,623,375 | 3,583,955 | 1,489,420 | 600,000 | 500,000 | 450,000 | 500,000 | 500,000 | 2,000,000 |
| Ending Cash Balance | / / / / / | 993,332 | 600,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,793,654 | (345,766) | 439,420 | 200,000 | — | — | — | (500,000) | n/a |

Description: This project provides for minor repairs and rehabilitation of city bridges which are structurally deficient or in need of minor reconstruction in order to comply with minimum safety standards and prevent future structural deterioration. A city-wide bridge evaluation study is required every two years. The FY2017 study, completed in October of 2017, found that 31% of the bridges were rated Excellent/Very Good, 40% Good, 19% Fair, and 10% Poor. Another evaluation is required in 2019. Planned projects include minor repairs to the Forest Avenue bridge, SW 8th Street Viaduct, and plans for the removal of the Windsor Elementary pedestrian bridge.

Justification: This project is essential to provide funding for anticipated and unanticipated minor repairs that are needed from time to time. Completing these projects helps the City comply with minimum safety standards and prevent future structural deterioration of the bridges. The 2017 Bridge Evaluation Study will help prioritize all bridge projects until the next study is completed in 2019.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------|----------------|----------------|----------------|------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Forest AVE / SW 8th St | Design | Design | Design | Award Bid | Construction | Construction | Construction | Closeout | -- |
| Windsor Bridge removal | Prelim. Design | Prelim. Design | Prelim. Design | Design | Design | Design | Award Bid | Construction | Construction |

**Bridge and Viaduct Improvements
Court Avenue Bridge over the Des Moines River
2017-18/2022-23 Capital Improvements Program**

| | | | |
|---------------------------------|--|-------------------------------|----------|
| Chart of Accounts | C032EG99 BR054 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) | 25 |
| Ward(s): | 3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | Downtown | End Date: | Jun 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------|---|----------------|------------------|------------------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 2,576,699 | — | 476,699 | 2,100,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 1,500,000 | — | 750,000 | 750,000 | — | — | — | — | — |
| TIGER | 4,100,000 | — | 2,100,000 | 2,000,000 | — | — | — | — | — |
| Gaming Monies | 900,000 | 600,000 | — | 300,000 | — | — | — | — | — |
| Tax Increment Bonds Issued | 1,250,000 | — | 1,250,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issu | 950,000 | — | — | 950,000 | — | — | — | — | — |
| Total Revenue | 8,700,000 | 600,000 | 4,100,000 | 4,000,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,700,000 | 123,301 | 2,476,699 | 6,100,000 | — | — | — | — | — |
| Ending Cash Balance |  | 476,699 | 2,100,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | (476,699) | (1,523,301) | 2,100,000 | — | — | — | — | n/a |

Description: This project provides for the rehabilitation of the Court Avenue Bridge over the Des Moines River. Work included in the project consists of deck repairs, expansion joint replacement, deck overlaying, sidewalk replacement, and repairs to the arches and piers. A consultant will be utilized for design and construction phase services. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project will be bid together and coordinated with other TIGER projects: Scott Avenue over the Des Moines River, and SW 1st Street over the Raccoon River.

Justification: The 2014 Downtown Bridge Evaluation has found that this bridge is showing signs of deterioration, especially in the deck and wearing surface.

Explanation of Change in Expenditures: This project has not changed significantly from last year.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------|-----------------|----------------------|------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Court Avenue Bridge | Prelim Planning | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Closeout | -- | -- |

Bridge and Viaduct Improvements
E. 30th Street Bridge over UPRR
2017-18/2022-23 Capital Improvements Program

| | | | | |
|---------------------------------|---|---|-------------------------------|----|
| Chart of Accounts | C032EG99 BR055 | Cost for Plan Period | 2,400,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 15,000,000 | |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — | |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) | 25 |
| Ward(s): | 4 | Start Date: | Jul 2016 | |
| Neighborhood(s): | | End Date: | Dec 2017 | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|---|------------------|------------------|------------------|------------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 4,398,980 | — | 1,298,980 | 2,750,000 | 350,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 2,000,000 | — | — | 1,500,000 | 500,000 | — | — | — | — |
| Gaming Monies | 4,700,000 | 1,450,000 | 2,000,000 | 600,000 | 650,000 | — | — | — | — |
| G.O. Bonds to be Issued | 900,000 | — | — | — | 900,000 | — | — | — | — |
| Total Revenue | 7,600,000 | 1,450,000 | 2,000,000 | 2,100,000 | 2,050,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 7,600,000 | 151,020 | 548,980 | 4,500,000 | 2,400,000 | — | — | — | — |
| Ending Cash Balance |  | 1,298,980 | 2,750,000 | 350,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | (298,980) | 298,980 | — | 100,000 | — | — | — | n/a |

Description: The project provides for the rehabilitation of the E. 30th Street Bridge over the Union Pacific Railroad. Work included in this project is anticipated to consist of deck repairs, expansion joint replacement, deck overlay, and repairs to the steel substructure. A consultant will be utilized for design and construction phase services.

Justification: It is essential to rehabilitate the structure before there is further deterioration of the bridge.

Explanation of Change in Expenditures: This project has not changed significantly from last year.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------|-----------------|----------------------|----------------------|----------------------|----------------------|------------|--------------|--------------|------------------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| E. 30th Bridge | Prelim Planning | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Construction (Thru Dec 2019) |

Bridge and Viaduct Improvements Evergreen Avenue over Easter Lake 2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|---|---|-----------------------|
| Chart of Accounts | C032EG99 BR050 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life |
| Ward(s): | 4 | Start Date: | Jul 2013 |
| Neighborhood(s): | Bloomfield / Allen | End Date: | Dec 2017 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|------------------|----------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | | — | 965,917 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| DMWW | 79,650 | — | 79,650 | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,205,206 | 1,205,206 | — | — | — | — | — | — | — |
| Polk County | 206,125 | — | 206,125 | — | — | — | — | — | — |
| Total Revenue | 1,490,981 | 1,205,206 | 285,775 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR003 - City-Wide Bridges | (125,000) | — | (125,000) | — | — | — | — | — | — |
| Total Transfers | (125,000) | — | (125,000) | — | — | — | — | — | — |
| Expenditures | 1,365,981 | 239,289 | 1,126,692 | — | — | — | — | — | — |
| Ending Cash Balance | 965,917 | 965,917 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (93,477) | (945,169) | 851,692 | — | — | — | — | — | n/a |

Description: This project provides for the replacement of the Evergreen Avenue Bridge over Easter Lake. A recent structural analysis showed it to be more cost beneficial to replace the structure. This project has been developed in cooperation with Polk County to accommodate a trail section on the bridge. The new bridge will have a useful life of at least 50 years, as opposed to an estimated useful life of 20-30 years if the bridge was repaired.

Justification: Recent bridge inspections have determined that this 45 year old bridge is structurally deficient. This structural analysis showed extensive deterioration that warranted the bridge to be replaced.

Explanation of Change in Expenditures: This project has not changed significantly from last year.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|---------------------------------|----------------------|------------|--------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Evergreen Ave. over Easter Lake | Design, Plans, Specs | Award bid | Construction | Construction | Construction | Construction | -- | -- | -- |

Bridge and Viaduct Improvements Grand Avenue Bridge over the Des Moines River 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|----------|
| Chart of Accounts | C032EG99 BR047 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Replacement | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. PlanDSM Pgs 24-31/49-51 | Estimated Useful Life | 50 |
| Ward(s): | 3, 4 | Start Date: | Jul 2012 |
| Neighborhood(s): | Downtown | End Date: | Jun 2018 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|------------------|------------------|----------|------------|----------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 3,422,453 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Federal | 2,129,000 | 1,584,606 | 544,394 | — | — | — | — | — | — | — |
| Gaming Monies | 2,950,000 | 2,950,000 | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,150,000 | 1,150,000 | — | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 4,795,000 | 4,270,000 | 525,000 | — | — | — | — | — | — | — |
| Utilities | — | — | 207,506 | — | — | — | — | — | — | — |
| Total Revenue | 11,231,506 | 9,954,606 | 1,276,900 | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| BR052 - Locust St Bridge / Dm | (400,000) | — | (400,000) | — | — | — | — | — | — | — |
| Total Transfers | (400,000) | — | (400,000) | — | — | — | — | — | — | — |
| Expenditures | 10,831,506 | 6,532,153 | 4,299,353 | — | — | — | — | — | — | — |
| Ending Cash Balance | | 3,422,453 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (399,994) | (1,966,847) | 1,566,853 | — | — | — | — | — | — | n/a |

Description: This project provides for the replacement of the Grand Avenue Bridge over the Des Moines River. This project accommodates a standard replacement structure with higher level aesthetic enhancements. A new bridge was found to be the most cost effective solution. The new bridge will have an useful life of at least 50 years.

Justification: City-wide bridge and structure evaluations have found that the bridge was showing signs of deterioration, especially in the deck and asphalt wearing surface.

Explanation of Change in Expenditures: This project has not changed significantly from last year.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|--------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Bridge Replacement | Award Bid/ Construction | Construction | Closeout |

**Bridge and Viaduct Improvements
Guthrie Avenue Bridge over UPRR
2017-18/2022-23 Capital Improvements Program**

| | | | |
|---------------------------------|---|---|-------------------------------|
| Chart of Accounts | C032EG99 BR058 | Cost for Plan Period | 5,100,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) |
| Ward(s): | 2 | Start Date: | Jul 2018 |
| Neighborhood(s): | | End Date: | Jun 2021 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|----------|----------------|----------------|------------------|------------------|------------------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | 50,000 | 1,550,000 | 1,600,000 | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 1,350,000 | — | — | — | — | 450,000 | 450,000 | 450,000 | — |
| Gaming Monies | 4,050,000 | — | — | 300,000 | 150,000 | 1,100,000 | 1,500,000 | 1,000,000 | — |
| Total Revenue | 5,400,000 | — | — | 300,000 | 150,000 | 1,550,000 | 1,950,000 | 1,450,000 | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 5,400,000 | — | — | 300,000 | 100,000 | 50,000 | 1,900,000 | 3,050,000 | — |
| Ending Cash Balance | / | — | — | — | 50,000 | 1,550,000 | 1,600,000 | — | — |
| Change in Expend. (Prev. Yr.) | 5,400,000 | — | — | 300,000 | 100,000 | 50,000 | 1,900,000 | 3,050,000 | n/a |

Description: This project provides for the rehabilitation of the Guthrie Avenue Viaduct over the Union Pacific railroad. Work included in this project is anticipated to consist of deck repairs, deck overlay, barrier and rail rehabilitation. A consultant will be utilized for design and construction phase services.

Justification: It is essential to rehabilitate the structure before there is further deterioration.

Explanation of Change in Expenditures: This is a new project sheet that was in the Structural Repair Project in last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.

| WORKPLAN | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 | FY 2023 | FY 2023 | FY 2023 | FY 2024 |
|-----------------------------|------------|------------|--------------|--------------|--------------|------------|------------|------------|------------|
| | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 | Oct-Dec 22 | Jan-Mar 23 | Apr-Jun 23 | Jul-Sep 23 |
| Guthrie Avenue Bridge Rehab | Design | Award Bid | Construction | Construction | Construction | Closeout | -- | -- | -- |

Bridge and Viaduct Improvements

Locust Street Bridge over the Des Moines River

2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|--|---|-------------------------------|
| Chart of Accounts | C032EG99 BR052 | Cost for Plan Period | 4,800,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) |
| Ward(s): | 3,4 | Start Date: | Jul 2016 |
| Neighborhood(s): | Downtown | End Date: | Jun 2020 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------|------------------|------------------|------------------|------------------|------------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 3,523,895 | — | 1,123,895 | 2,400,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 1,000,000 | — | — | 500,000 | 500,000 | — | — | — | — |
| Tax Increment Bonds Issued | 1,000,000 | 500,000 | 500,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issu | 6,400,000 | — | — | 2,100,000 | 4,300,000 | — | — | — | — |
| Gaming Monies | 800,000 | 800,000 | — | — | — | — | — | — | — |
| Total Revenue | 9,200,000 | 1,300,000 | 500,000 | 2,600,000 | 4,800,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST252 - Walnut Streetscape | 1,000,000 | — | 1,000,000 | — | — | — | — | — | — |
| BR047 - Grand Ave Bridge / D | 400,000 | — | 400,000 | — | — | — | — | — | — |
| Total Transfers | 1,400,000 | — | 1,400,000 | — | — | — | — | — | — |
| Expenditures | 10,600,000 | 176,105 | 623,895 | 5,000,000 | 4,800,000 | — | — | — | — |
| Ending Cash Balance | / / / / / | 1,123,895 | 2,400,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (23,895) | 23,895 | — | — | — | — | — | n/a |

Description: This project provides for the replacement of the Locust Street Bridge over the Des Moines River. A consultant will be utilized for design and construction phase services. This budget assumes a standard replacement structure with higher level aesthetic enhancements.

Justification: Due to the extensive deterioration found during the 2014 Downtown Bridge Evaluation a new bridge was determined to be the most cost effective solution.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------|------------|------------|------------|------------|----------------------------|--------------|--------------|--------------|----------------------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Locust Street Bridge | Design | Design | Design | Design | Award Bid; Construction | Construction | Construction | Construction | Construction (Thru June 2020) |

Bridge and Viaduct Improvements Scott Avenue Bridge over the Des Moines River 2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|--|---|-------------------------------|
| Chart of Accounts | C032EG99 BR051 | Cost for Plan Period | 2,000,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | Jul 2015 |
| Neighborhood(s): | Downtown | End Date: | Jun 2020 |

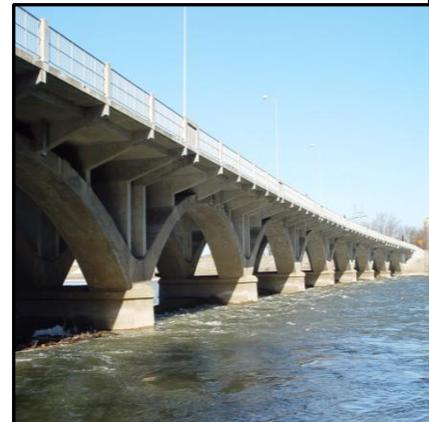
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|----------------|----------------|------------------|------------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | | — | 352,836 | 990,000 | 360,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| Tax Increment Bonds Issued | 770,000 | — | 770,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Iss | — | — | — | — | — | — | — | — | — |
| TIGER | 3,140,000 | — | — | 1,500,000 | 1,640,000 | — | — | — | — |
| Gaming Monies | 500,000 | 500,000 | — | — | — | — | — | — | — |
| Total Revenue | 4,410,000 | 500,000 | 770,000 | 1,500,000 | 1,640,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR039 - Structural Repair | 689,782 | — | 689,782 | — | — | — | — | — | — |
| Total Transfers | 689,782 | — | 689,782 | — | — | — | — | — | — |
| Expenditures | 5,099,782 | 147,164 | 822,618 | 2,130,000 | 2,000,000 | — | — | — | — |
| Ending Cash Balance | | 352,836 | 990,000 | 360,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 29,782 | (102,836) | 102,618 | 30,000 | — | — | — | — | n/a |

Description: This project provides for the rehabilitation of the Scott Avenue Bridge over the Des Moines River. Work included in the project consists of deck repairs, expansion joint replacement, and repairs to the arches and piers. A consultant will be utilized for design and construction phase services.

Justification: The 2015 City-wide Bridge and Structure Evaluation found that the bridge is showing signs of deterioration, especially at the expansion joints and the arches and piers. The project will extend the life of the bridge by 20 to 30 years. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project will be bid together and coordinated with other TIGER projects: Court Avenue over the Des Moines River, and SW 1st Street over the Raccoon River.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------|------------|------------|------------|--------------|--------------|--------------|--------------|--------------|------------------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Scott Avenue Bridge | Design | Design | Award Bid | Construction | Construction | Construction | Construction | Construction | Construction (Thru Dec 2019) |

Bridge and Viaduct Improvements
2nd Avenue Bridge over Des Moines River
2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|---|---|-------------------------------|
| Chart of Accounts | C032EG99 BRO57 | Cost for Plan Period | 3,900,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | Jul 2018 |
| Neighborhood(s): | | End Date: | Jun 2021 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|---|-------------|----------|----------------|------------------|------------------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 2,000,000 | — | — | — | — | 2,000,000 | — | — | — |
| G.O. Bonds to be Issued | 1,450,000 | — | — | — | 1,150,000 | 300,000 | — | — | — |
| Gaming Monies | 750,000 | — | — | 300,000 | 450,000 | — | — | — | — |
| Total Revenue | 4,200,000 | — | — | 300,000 | 1,600,000 | 2,300,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR039 - Structural Repair | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 4,200,000 | — | — | 300,000 | 1,600,000 | 2,300,000 | — | — | — |
| Ending Cash Balance |  | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,200,000 | — | — | 300,000 | 1,600,000 | 2,300,000 | — | — | n/a |

Description: This project provides for the rehabilitation of the 2nd Avenue Bridge over the Des Moines River and over Birdland Drive. Work in this project is anticipated to consist of deck repairs, expansion joint replacement, deck overlay, repairs to steel substructure, and repainting. A consultant will be utilized for design and construction phase services.

Justification: It is essential to rehabilitate the structure before there is further deterioration of the bridge.

Explanation of Change in Expenditures: This is a new project sheet - funding for this project has been moved from the Structural Repair project.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.

| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|-------------------------|------------|------------|--------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| 2nd Avenue Bridge Rehab | Design | Award Bid | Construction | Construction | Construction | Construction | Closeout | -- | -- |

Bridge and Viaduct Improvements
South Union Street Bridge over South Middle Creek
2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|---|---|-------------------------------|
| Chart of Accounts | C032EG99 BR048 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans. | PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | Jul 2012 |
| Neighborhood(s): | | End Date: | Dec 2017 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|------------------|----------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 168,445 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 751,440 | 434,831 | 316,609 | — | — | — | — | — | — |
| Gaming Monies | 300,000 | 300,000 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 270,000 | 270,000 | — | — | — | — | — | — | — |
| Total Revenue | 1,321,440 | 1,004,831 | 316,609 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR003 - City-Wide Bridges | (140,000) | — | (140,000) | — | — | — | — | — | — |
| Total Transfers | (140,000) | — | (140,000) | — | — | — | — | — | — |
| Expenditures | 1,181,440 | 836,386 | 345,054 | — | — | — | — | — | — |
| Ending Cash Balance | // | 168,445 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (140,000) | 289,946 | (429,946) | — | — | — | — | — | n/a |

Description: This project provides for the replacement of the structurally deficient and geometrically obsolete bridge on South Union Street Drive over South Middle Creek with a new bridge. The new structure will allow for improved roadway geometrics while improving the hydraulic capacity of South Middle Creek.

Justification: Recent bridge inspections determined that this 85 year old steel pony truss bridge, which was last rehabilitated in 1965, is structurally deficient and is nearing the end of its useful life. The bridge has been posted with a 20 ton load limit.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|--------------------|------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Bridge Replacement | Award Bid | Construction | Construction | Construction | Construction | Construction | Closeout | Closeout | -- |

Bridge and Viaduct Improvements
SW 1st Street Bridge over Raccoon River
2017-18/2022-23 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|------------|
| Chart of Accounts | C032EG99 BR056 | Cost for Plan Period | 1,460,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 15,000,000 |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. PlanDSM Pgs 24-31/49-51 | Estimated Useful Life (years) | 25 |
| Ward(s): | 3 | Start Date: | Jul 2019 |
| Neighborhood(s): | Downtown | End Date: | Jun 2020 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|---------------|----------------|------------------|------------------|----------------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 41,995 | — | (18,005) | 10,000 | — | 50,000 | — | — | — |
| Revenues: | | | | | | | | | |
| TIGER | 760,000 | — | — | — | 300,000 | 460,000 | — | — | — |
| Gaming Monies | 700,000 | — | — | — | 250,000 | 450,000 | — | — | — |
| Total Revenue | 1,460,000 | — | — | — | 550,000 | 910,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR003 - City-Wide Bridges | 100,000 | — | 100,000 | — | — | — | — | — | — |
| Total Transfers | 100,000 | — | 100,000 | — | — | — | — | — | — |
| Expenditures | 1,560,000 | 18,005 | 71,995 | 10,000 | 500,000 | 960,000 | — | — | — |
| Ending Cash Balance | / | (18,005) | 10,000 | — | 50,000 | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | 18,005 | 71,995 | (490,000) | (460,000) | 960,000 | — | — | n/a |

Description: This project provides for the rehabilitation of the SW 1st Street Bridge over the Raccoon River. Work included in the project consists of deck repairs, expansion joint replacement, and repairs to the arches and piers. A consultant will be utilized for design and construction phase services

Justification: The 2015 City-wide Bridge and Structure Evaluation found that the bridge is showing signs of deterioration, especially at the expansion joints and the arches and piers. The project will extend the life of the bridge by 20 to 30 years. This project received Federal funds as part of the 2016 TIGER Grant that was awarded to the City. This project will be bid together and coordinated with other TIGER projects: Court Avenue over the Des Moines River, and Scott Avenue over the Des Moines River.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project is not anticipated to affect the operating budget.

| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|----------------------------|-----------------|-----------------|-----------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| SW 1st Street Bridge Rehab | Project on-hold | Project on-hold | Project on-hold | Construction | Construction | Construction | Closeout | -- | -- |

Bridge and Viaduct Improvements
Walnut Street Bridge over the Des Moines River
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|------------|
| Chart of Accounts | C032EG99 BR059 | Cost for Plan Period | 10,650,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighb., Effective Trans., Alive DT. PlanDSM Pgs 24-31/49-51 | Estimated Useful Life | 30 |
| Ward(s): | 3,4 | Start Date: | Jul 2020 |
| Neighborhood(s): | Downtown | End Date: | Jun 2023 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------|-------------------|-------------|---------|----------------|------------|----------------|------------------|------------------|---------|---|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Federal | 2,000,000 | — | — | — | — | — | 1,000,000 | 1,000,000 | — | — |
| Gaming Monies | 1,000,000 | — | — | 500,000 | — | — | — | 500,000 | — | — |
| Tax Increment Bonds to be Issu | 8,150,000 | — | — | — | — | 250,000 | 4,000,000 | 3,900,000 | — | — |
| Total Revenue | 11,150,000 | — | — | 500,000 | — | 250,000 | 5,000,000 | 5,400,000 | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 11,150,000 | — | — | 500,000 | — | 250,000 | 5,000,000 | 5,400,000 | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (950,000) | — | — | — | (500,000) | (6,750,000) | 2,000,000 | 4,300,000 | n/a | |

Description: This project provides for the replacement of the Walnut Street Bridge over the Des Moines River. Due to the extensive deterioration found during design, a new bridge was found to be the most cost effective solution. A consultant will be utilized for design and construction phase services. The total estimated cost of this project is \$11.2 million. This budget assumes a standard replacement structure with higher level aesthetic enhancements.

Justification: The 2014 Downtown Bridge Evaluation has found that this bridge is showing signs of excessive deterioration, especially in the deck, wearing surface, and arches.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will reduce long-term maintenance costs from the Road Use Tax Fund.

| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|----------------------------------|---------------|---------------|---------------|---------------|----------------------|----------------------|----------------------|------------|-------------------------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| Walnut Street Bridge Replacement | Prelim Design | Prelim Design | Prelim Design | Prelim Design | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction (Thru June 2023) |

Bridge/Viaduct Improvements

2018-19/2023-24 Capital Improvements Program

Expenditures

| | | | BUDGET | | PLAN | | | | | |
|--------------------------------------|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City-wide Bridges | 9,623,375 | 3,583,955 | 1,489,420 | 600,000 | 500,000 | 450,000 | 500,000 | 500,000 | 2,000,000 |
| 3 | Court Avenue Bridge Over DM River | 8,700,000 | 123,301 | 2,476,699 | 6,100,000 | - | - | - | - | - |
| 4 | E. 30th Street Bridge over UPRR | 7,600,000 | 151,020 | 548,980 | 4,500,000 | 2,400,000 | - | - | - | - |
| 4 | Evergreen Avenue over Easter Lake | 1,365,981 | 239,289 | 1,126,692 | - | - | - | - | - | - |
| 3, 4 | Grand Ave Bridge over the DM River | 10,831,506 | 6,532,153 | 4,299,353 | - | - | - | - | - | - |
| | Guthrie Avenue Bridge over UPRR | 5,400,000 | - | - | 300,000 | 100,000 | 50,000 | 1,900,000 | 3,050,000 | - |
| 3,4 | Locust St. Bridge over the DM River | 10,600,000 | 176,105 | 623,895 | 5,000,000 | 4,800,000 | - | - | - | - |
| 4 | Scott Ave Bridge over the DM River | 5,099,782 | 147,164 | 822,618 | 2,130,000 | 2,000,000 | - | - | - | - |
| 2 | 2nd Avenue Bridge over Des Moines | 4,200,000 | - | - | 300,000 | 1,600,000 | 2,300,000 | - | - | - |
| 4 | S Union St. Bridge/S. Middle Creek | 1,181,440 | 836,386 | 345,054 | - | - | - | - | - | - |
| 3,4 | SW 1st Street Bridge over Raccoon R | 1,560,000 | 18,005 | 71,995 | 10,000 | 500,000 | 960,000 | - | - | - |
| 3, 4 | Walnut St. Bridge/DM River | 11,150,000 | - | - | 500,000 | - | 250,000 | 5,000,000 | 5,400,000 | - |
| Total Proposed Expenditures = | | 77,312,084 | 11,807,378 | 11,804,706 | 19,440,000 | 11,900,000 | 4,010,000 | 7,400,000 | 8,950,000 | 2,000,000 |

Bridge/Viaduct Improvements

2018-19/2023-24 Capital Improvements Program

Change in Expenditures from Last Year's Document

| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | BUDGET | | PLAN | | | | |
|---------------------------------------|-------------------------------------|------------------|--------------------|------------------|------------------|----------------|--------------------|------------------|------------------|------------|
| | | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City-wide Bridges | (206,346) | (345,766) | 439,420 | 200,000 | - | - | - | (500,000) | n/a |
| 3 | Court Avenue Bridge Over Dm River | 100,000 | (476,699) | (1,523,301) | 2,100,000 | - | - | - | - | n/a |
| 4 | E. 30th Street Bridge over UPRR | 100,000 | (298,980) | 298,980 | - | 100,000 | - | - | - | n/a |
| 4 | Evergreen Avenue over Easter Lake | (93,477) | (945,169) | 851,692 | - | - | - | - | - | n/a |
| 3, 4 | Grand Ave Bridge over the DM River | (399,994) | (1,966,847) | 1,566,853 | - | - | - | - | - | n/a |
| | Guthrie Avenue Bridge over UPRR | 5,400,000 | - | - | 300,000 | 100,000 | 50,000 | 1,900,000 | 3,050,000 | n/a |
| 3,4 | Locust St. Bridge over the DM River | - | (23,895) | 23,895 | - | - | - | - | - | n/a |
| 4 | Scott Ave Bridge over the DM River | 29,782 | (102,836) | 102,618 | 30,000 | - | - | - | - | n/a |
| 2 | 2nd Avenue Bridge over Des Moines | 4,200,000 | - | - | 300,000 | 1,600,000 | 2,300,000 | - | - | n/a |
| 4 | S Union St. Bridge/S. Middle Creek | (140,000) | 289,946 | (429,946) | - | - | - | - | - | n/a |
| 3,4 | SW 1st Street Bridge over Raccoon R | 100,000 | 18,005 | 71,995 | (490,000) | (460,000) | 960,000 | - | - | n/a |
| 3, 4 | Walnut St. Bridge/DM River | (950,000) | - | - | - | (500,000) | (6,750,000) | 2,000,000 | 4,300,000 | n/a |
| Total Change in Expenditures = | | 8,139,965 | (3,852,241) | 1,402,206 | 2,440,000 | 840,000 | (3,440,000) | 3,900,000 | 6,850,000 | n/a |

| Bridge/Viaduct Improvements | | | | | | | | |
|---|--------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | |
| G.O. BONDS TO BE ISSUED | | | | | | | | |
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY19-FY24 |
| 1,2,3,4 | City-Wide Bridges | - | - | - | - | - | - | - |
| 4 | E. 30th Street Bridge over UPRR | - | 900,000 | - | - | - | - | 900,000 |
| 2 | Guthrie Avenue Bridge / UPRR | - | - | 450,000 | 450,000 | 450,000 | - | 1,350,000 |
| 2 | 2nd Avenue Bridge / Des Moines River | - | 1,150,000 | 300,000 | - | - | - | 1,450,000 |
| Total G.O. Bonds to be Issued = | | - | 2,050,000 | 750,000 | 450,000 | 450,000 | - | 3,700,000 |

| G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED) | | | | | | | | |
|--|--------------------------------------|--------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY19-FY23 |
| 1,2,3,4 | City-Wide Bridges | - | - | (2,350,000) | - | - | - | (2,350,000) |
| 4 | E. 30th Street Bridge over UPRR | (1,350,000) | 900,000 | - | - | - | - | (450,000) |
| 2 | Guthrie Avenue Bridge / UPRR | - | - | 450,000 | 450,000 | 450,000 | - | 1,350,000 |
| 2 | 2nd Avenue Bridge / Des Moines River | - | 1,150,000 | 300,000 | - | - | - | 1,450,000 |
| Total Change = | | (1,350,000) | 2,050,000 | (1,600,000) | 450,000 | 450,000 | - | - |

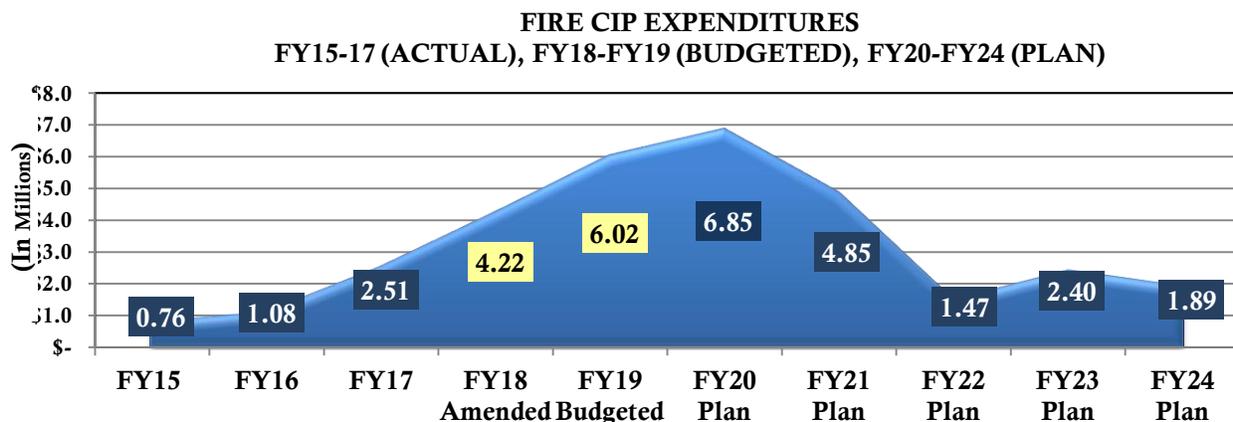
| Bridge/Viaduct Improvements | | | | | | | | |
|---|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | |
| TIF BONDS TO BE ISSUED | | | | | | | | |
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY19-FY24 |
| 3,4 | Court Avenue Bridge Over DM River | 950,000 | - | - | - | - | - | 950,000 |
| 3,4 | Locust St. Bridge over the DM River | 2,100,000 | 4,300,000 | - | - | - | - | 6,400,000 |
| 4 | Scott Ave Bridge over the DM River | - | - | - | - | - | - | - |
| 3,4 | Walnut St. Bridge/DM River | - | - | 250,000 | 4,000,000 | 3,900,000 | - | 8,150,000 |
| Total TIF Bonds to be Issued = | | 3,050,000 | 4,300,000 | 250,000 | 4,000,000 | 3,900,000 | - | 15,500,000 |

| TIF BONDS TO BE ISSUED (CHANGE FROM ADOPTED) | | | | | | | | |
|---|-------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------------------|
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY19-FY23 |
| 3,4 | Court Avenue Bridge Over DM River | (200,000) | - | - | - | - | - | (200,000) |
| 3,4 | Locust St. Bridge over the DM River | (2,900,000) | 1,500,000 | - | - | - | - | (1,400,000) |
| 4 | Scott Ave Bridge over the DM River | (660,000) | - | - | - | - | - | (660,000) |
| 3,4 | Walnut St. Bridge/DM River | (750,000) | (250,000) | (6,350,000) | 1,600,000 | 2,800,000 | - | (2,950,000) |
| Total Change = | | (4,510,000) | 1,250,000 | (6,350,000) | 1,600,000 | 2,800,000 | - | (5,210,000) |



Fire Improvements 2018-19/2023-24 Capital Improvements Program

Projects in this category encompass the design and construction of new fire stations, acquisition of equipment, and major repair and preventive maintenance of the City's fire facilities. Improvements to the City's outdoor warning siren system are also included in this section of the CIP. The insured value of all vehicles/equipment is approximately \$25 million. The City's existing Fire Stations and the Administrative, Training, and Maintenance Facility have an insured value of over \$45 million.



EXPENDITURES

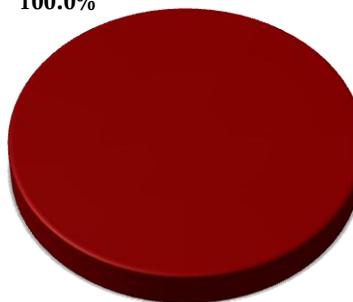
\$23,470,000 is planned to be spent on projects in the Fire Improvements category over the six-year period averaging \$3,910,000/year. The following projects are planned over the next six years: Fire Station Remodeling - \$1.64 million, the acquisition of new/replacement of apparatus - \$13.8 million (FY19-FY24), and NE Fire Station - \$8 million (FY19-FY21). The City has identified a new Station in the Northeast area of the City as a top priority. During the spring and summer of 2018, the City will evaluate alternatives and work with the city of Altoona on the possibility of a shared station. Because of the complexities of working with another entity, construction of a shared station would take longer to get started and complete. The sources of funding would most likely be different with a shared station.

REVENUES

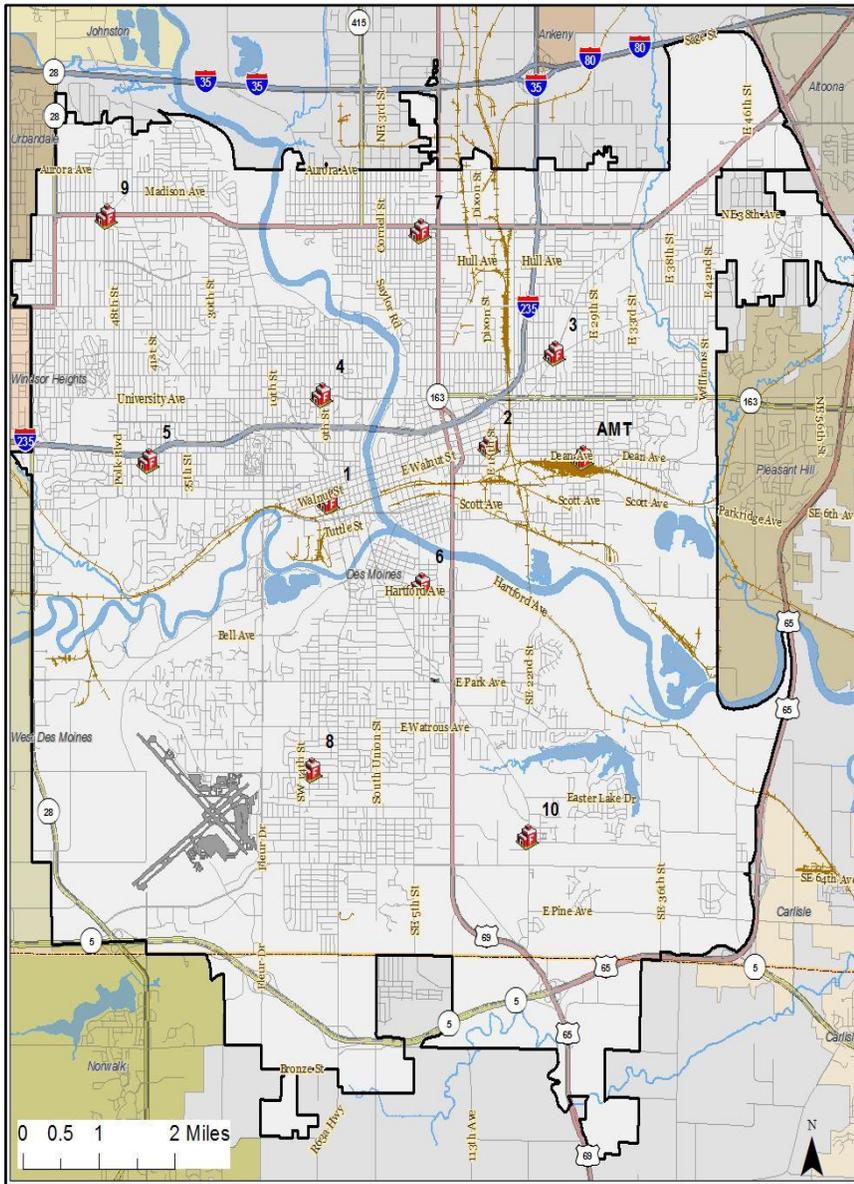
Funding in this category comes from the issuance of General Obligation Bonds which are issued for a term of 20 years with an average life of nine and one-half years. The City regularly applies for grants to help fund the purchase of equipment. The funding for the new NE Station is assumed to be all G.O. Bonds. If location of the new station is in a Urban Renewal area, the issuance would be subject to a reverse referendum, if not it would require a City-wide referendum before bonds could be issued.

FIRE CIP - FUNDING SOURCES FY 2018-19/2023-24

G.O.
Bonds to
be Issued
100.0%



Fire Improvements Station Location 2018-19/2023-24 Capital Improvements Program



| Fire Station | Address | Year Built | Values |
|------------------------------------|----------------------|------------|-------------------|
| Station #1 | 1330 Mulberry Street | 2013 | \$ 6,375,000 |
| Station #2 | 1727 E. Walnut | 1975 | 3,400,000 |
| Station #3 | 2458 Easton Blvd. | 1950 | 3,400,000 |
| Station #4 | 917 University | 1960 | 3,400,000 |
| Station #5 | 711 42nd Street | 1976 | 3,400,000 |
| Station #6 | 1919 SE 6th Street | 1976 | 3,400,000 |
| Station #7 | 3500 E. 12th Street | 1976 | 3,400,000 |
| Station #8 | 1249 McKinley | 1959 | 3,400,000 |
| Station #9 | 4800 Douglas | 1976 | 3,400,000 |
| Station #10 | 5900 Indianola Road | 1999 | 1,900,000 |
| Fire Training & Logistics Facility | 2715 Dean Avenue | 2012 | 9,800,000 |
| Total = \$ | | | 45,275,000 |

**Fire Protection Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 17,455,000
Cost Beyond Six-year Period —
Committed 06-30-2017: 2,458,398

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 3,182,376 | 1,920,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Energy Rebate | 25,636 | 25,636 | — | — | — | — | — | — | — |
| Federal | 1,704,753 | 1,274,389 | 230,364 | — | 200,000 | — | — | — | — |
| G.O. Bonds Issued | 23,126,815 | 20,451,815 | 2,675,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 21,350,000 | — | — | 4,095,000 | 6,650,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Referendum | — | — | — | — | — | — | — | — | — |
| Sale of Equipment | 498,807 | 498,807 | — | — | — | — | — | — | — |
| Total Revenue | 46,706,011 | 22,250,647 | 2,905,364 | 4,095,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Total Transfers | 56,061 | — | 56,061 | — | — | — | — | — | — |
| Expenditures | 46,762,072 | 19,068,271 | 4,223,801 | 6,015,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |
| Ending Cash Balance | // | 3,182,376 | 1,920,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,037,307 | (1,386,494) | (251,199) | 3,375,000 | (1,690,000) | 2,305,000 | (480,000) | 165,000 | — |

Fire Protection Improvements Equipment Acquisition – Fire Department 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C041FR99 FR013 | Cost for Plan Period | 8,555,000 |
| Department Responsible: | Fire | Cost Beyond Six-year Period | — |
| General Category: | Equipment - Replacement | Committed 06-30-2017: | 2,442,431 |
| Relationship to Strategic Plan: | Great Neighborhoods, Exceptional Mun. Serv. PlanDSM Pages 70-75 | Estimated Useful Life (years) | 5 |
| Ward(s): | 1, 2, 3, 4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|--------------------|------------------|------------------|--------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 3,006,194 | 1,745,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 1,504,753 | 1,274,389 | 230,364 | — | — | — | — | — | — |
| G.O. Bonds Issued | 19,806,569 | 17,506,569 | 2,300,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 12,090,000 | — | — | 3,535,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 |
| Sale of Equipment | 498,807 | 498,807 | — | — | — | — | — | — | — |
| Total Revenue | 33,900,129 | 19,279,765 | 2,530,364 | 3,535,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 |
| Transfers In (Out): | | | | | | | | | |
| FR037 - Outdoor Warning Sire | 56,061 | — | 56,061 | — | — | — | — | — | — |
| Total Transfers | 56,061 | — | 56,061 | — | — | — | — | — | — |
| Expenditures | 33,956,190 | 16,273,571 | 3,847,619 | 5,280,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 |
| Ending Cash Balance | | 3,006,194 | 1,745,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,741,699 | (1,010,920) | (452,381) | 3,290,000 | (1,440,000) | (145,000) | (455,000) | 215,000 | n/a |

Description: This project provides for the planned and systematic replacement of major fire apparatus and for the original purchase and replacement of other capital equipment such as pumps, monitor-defibrillators, thermal imaging technology, etc. The major fire apparatus fleet is comprised of engines, ladder trucks, ambulances, and specialized emergency response vehicles. Specifically excluded are vans, automobiles, and other vehicles that are not routinely dispatched to emergency events that are purchased as part of the City's fleet. Planned acquisitions are: FY19 – two 75 foot ladder trucks, one 100' ladder truck, three ambulances, two engines, and Fire House software replacement; FY20 - three ambulances, medical vending machine replacement, and force able entry door equipment; FY21 – two ambulances, two engines, and one HazMat unit; and FY22 – two ambulances, one engine, two fill stations, one medical Gator; FY23 - three ambulances, two engines, and LUCUS chest compression system replacement, and FY24 - four ambulances and Lifepak monitor replacement.

Justification: Engines and ladder trucks have an expected life cycle of ten years in front-line service and five years in 'ready' reserve status. Ambulances have a total front-line and reserve useful life of five years and approximately 100,000 miles. Replacing ambulances in a timely manner helps assure that the patient care modules remain suitable environments for the delivery of medical care, and that maintenance costs are 'reasonable.' Historically, the trade-in value of ambulances is minimal - less than \$15,000.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP. Funding for new and replacement outdoor warning sirens are now included in this project sheet. They were included on a separate sheet in past years.

Operating Budget Effect: This project should help reduce maintenance and operating costs in the operating department (G001 - FD100000 - Maintenance and Repair).

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|--------------------------------|----------------------|----------------------|-------------------------|--------------------------------|------------|------------|------------|-----------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Engine Replacement (similar each year) | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Assembly | Assembly | Assembly | Assembly | Assembly; Equip |
| Ambulances (similar each year) | Delivery; Design, Plans, Specs | Award Bid | Assembly | Assembly | Delivery; Design, Plans, Specs | Award Bid | Assembly | Assembly | Delivery |

**Fire Protection Improvements
Fire Station Remodeling
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C041FR99 FR016 | Cost for Plan Period | 1,400,000 |
| Department Responsible: | Fire | Cost Beyond Six-year Period | — |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 15,967 |
| Relationship to Strategic Plan: | Great Neighborhoods, Exceptional Mun. Serv. PlanDSM Pages 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1, 2, 3, 4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|---|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 127,028 | 175,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Energy Rebate | 25,636 | 25,636 | — | — | — | — | — | — | — |
| Federal | 200,000 | — | — | — | 200,000 | — | — | — | — |
| G.O. Bonds Issued | 3,021,938 | 2,846,938 | 175,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,260,000 | — | — | 60,000 | 550,000 | 200,000 | 150,000 | 150,000 | 150,000 |
| Total Revenue | 4,507,574 | 2,872,574 | 175,000 | 60,000 | 750,000 | 200,000 | 150,000 | 150,000 | 150,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 4,507,574 | 2,745,546 | 127,028 | 235,000 | 750,000 | 200,000 | 150,000 | 150,000 | 150,000 |
| Ending Cash Balance |  | 127,028 | 175,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (315,000) | (127,028) | (47,972) | 85,000 | (250,000) | (50,000) | (25,000) | (50,000) | n/a |

Description: This project funds the repair and replacement program of all eleven fire department buildings including roofs, kitchens, bathrooms, locker-room, HVAC systems, overhead doors, and exterior renovation. The major expense in the short term is replacement of roofs, and renovation of the shower areas. In FY2020, \$350,000 is planned for an Air Purification system. Because the City's existing Fire Stations and the Administrative, Training, and Maintenance Facility have an insured value of over \$41 million, the proposed plan should be considered to be minimal and will likely have to be increased in the future as normal wear and tear creates unforeseen needs.

Justification: Timely investment in facilities will help to: extend the useful life of the buildings (which have an insured value of over \$41 million), minimize energy and maintenance costs, improve efficiency, and provide an improved working environment.

Explanation of C Money from roofshange in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This project should have a minimal impact on the operating department (G001 - FD100000 - Maintenance and Repair) though energy efficiency improvements should provide some reduction in utility bills.

| WORKPLAN | #N/A | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Various Improvements | Ongoing |

Fire Protection Improvements
NE Fire Station
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C041FR99 FR041 | Cost for Plan Period | 7,500,000 |
| Department Responsible: | Fire | Cost Beyond Six-year Period | — |
| General Category: | Building New | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Exceptional Mun. Serv. PlanDSM Pages 70-75 | Estimated Useful Life (years) | 40 |
| Ward(s): | 2 | Start Date: | Jul 2014 |
| Neighborhood(s): | N/A | End Date: | TBD |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|---|------------------|----------------|----------------|------------------|------------------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 49,154 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | — | 100,000 | 200,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 8,000,000 | — | — | 500,000 | 5,000,000 | 2,500,000 | — | — | — |
| Total Revenue | 8,300,000 | 100,000 | 200,000 | 500,000 | 5,000,000 | 2,500,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,298,308 | 49,154 | 249,154 | 500,000 | 5,000,000 | 2,500,000 | — | — | — |
| Ending Cash Balance |  | 49,154 | 249,154 | 500,000 | 5,000,000 | 2,500,000 | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,500,608 | (248,546) | 249,154 | — | — | 2,500,000 | — | — | n/a |

Description: A new station is one of the top priorities of the City Council. This new station may serve both NE Des Moines and the western half of the City of Altoona. During the Spring of 2018 - the City of Des Moines will work with the City of Altoona on a possible agreement for a shared agreement including location, station size, shared operating costs, etc. If it is determined that a shared facility is not possible, construction is possible in the FY2020. If there is a shared facility sources of funding would change. The City will continue to pursue other funding options.

Justification: Maintaining the City's ISO rating (Insurance Services Office) and effective distribution and concentration of fire department resources, an additional station is necessary. On August 25, 2014 (RC 14-1304), the City Council approved consultant review of current location of stations and forecast future demands for DMFD services; the results were presented to City Council on January 12, 2015. On October 12, 2015, the City Council approved application for Registered Agency Status for the Fire Department consistent with the Strategic Plan 2015-2020-2030, Action Agenda Goal 3, High Performing City Organization action items for 2015-2016, and as recommended in the Fire Station Placement Review and Recommendations for Expansion (Rec. 8-1). On November 9, 2015, the City Council approved receipt of recommendation to accept and approve its Strategic Plan, including Action Item, Fire Station Study: Update Report 4/16. On August 28, 2017 (RC 17-1487), the City Council Resolved to pursue a concept of planning and operations to improve the delivery of fire and EMS operations within and between the Cities of Des Moines and Altoona and authorized the City Manager to implement available opportunities to improve the same as well as to make appropriate reports, information, and recommendations to each City Council.

Explanation of Change in Expenditures: The additional \$2.5 million project cost is based on refined cost estimates.

Operating Budget Effect: The impact of a new/shared station would be based on the number of personnel necessary to staff assigned apparatus. For example, a new station would utilize one existing fire apparatus, plus one new ambulance. These two units would be cross staffed with one fire company (three additional FTEs). This staffing alternative would be less costly than traditional staffing which would require the addition of 7-12 DM FTE.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|----------------------|----------------------|---------------------|--|--|-------------------------------------|------------|------------|--------------------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| NE Station (The schedule shown is aggressive) | Preliminary Planning | Preliminary Planning | Review alternatives | Land acquisition | Land acquisition | Design | Design | Design | Award Bid, Construction |
| NE Station - Shared Station (The schedule shown is aggressive) | Preliminary Planning | Preliminary Planning | Review Alternatives | Review Alternatives, Develop Agreement | Review Alternatives, Develop Agreement | Signed Agreement; Land Acquisition, | Design | Design | Design; Award Bid (April 2020) |

| Fire Protection Improvements | | | | | | | | | | |
|---|-------------------------|-------------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Expenditures | | | | | | | | | | |
| | | | BUDGET | | PLAN | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1, 2, 3, 4 | Equipment Acquisition | 33,956,190 | 16,273,571 | 3,847,619 | 5,280,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 |
| 1, 2, 3, 4 | Fire Station Remodeling | 4,507,574 | 2,745,546 | 127,028 | 235,000 | 750,000 | 200,000 | 150,000 | 150,000 | 150,000 |
| 2 | Station Expansion | 8,298,308 | 49,154 | 249,154 | 500,000 | 5,000,000 | 2,500,000 | - | - | - |
| Total Expenditures = | | 46,762,072 | 19,068,271 | 4,223,801 | 6,015,000 | 6,850,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 |

| Change in Expenditures from Last Year's Document | | | | | | | | | | |
|---|-------------------------|------------------|--------------------|------------------|------------------|--------------------|------------------|------------------|----------------|----------------|
| | | | BUDGET | | PLAN | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1, 2, 3, 4 | Equipment Acquisition | 1,699 | (1,010,920) | (452,381) | 3,290,000 | (1,440,000) | (145,000) | (455,000) | 215,000 | n/a |
| 1, 2, 3, 4 | Fire Station Remodeling | (465,000) | (127,028) | (47,972) | 85,000 | (250,000) | (50,000) | (25,000) | (50,000) | n/a |
| 2 | Station Expansion | 2,500,608 | (248,546) | 249,154 | - | - | 2,500,000 | - | - | n/a |
| Total Change = | | 2,037,307 | (1,386,494) | (251,199) | 3,375,000 | (1,690,000) | 2,305,000 | (480,000) | 165,000 | n/a |

Fire Protection Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED

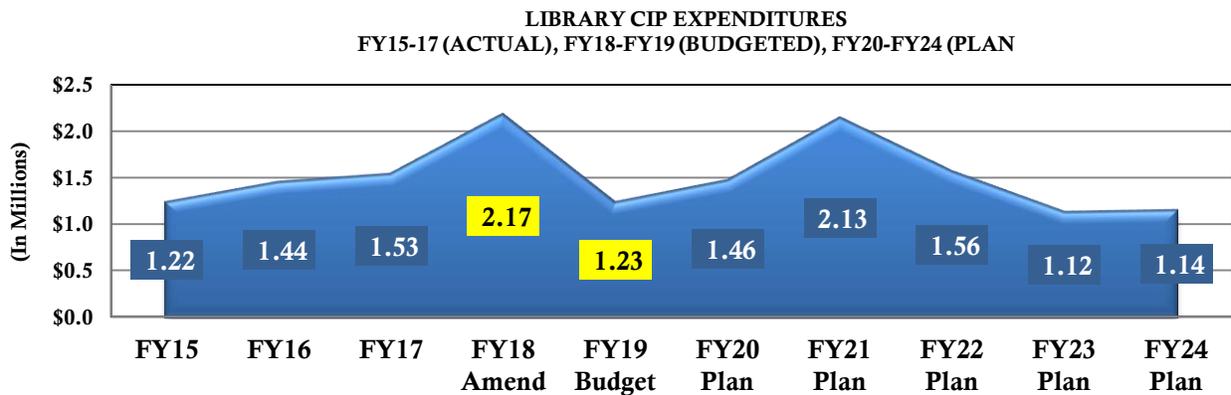
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY18-FY23 |
|--|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1, 2, 3, 4 | Equipment Acquisition | 3,535,000 | 1,100,000 | 2,145,000 | 1,320,000 | 2,250,000 | 1,740,000 | 12,090,000 |
| 1, 2, 3, 4 | Outdoor Warning Siren Replacement | - | - | - | - | - | - | - |
| | Station Expansion | 500,000 | 5,000,000 | 2,500,000 | - | - | - | 8,000,000 |
| 1, 2, 3, 4 | Station Remodeling | 60,000 | 550,000 | 200,000 | 150,000 | 150,000 | 150,000 | 1,260,000 |
| Total G.O. Bonds to be Issued = | | 4,095,000 | 6,650,000 | 4,845,000 | 1,470,000 | 2,400,000 | 1,890,000 | 21,350,000 |

G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY18-FY22 |
|-----------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|
| 1, 2, 3, 4 | Equipment Acquisition | 1,545,000 | (1,440,000) | (145,000) | (455,000) | 215,000 | 1,740,000 | (280,000) |
| 1, 2, 3, 4 | Outdoor Warning Siren Replacement | (20,000) | (20,000) | - | - | - | - | (40,000) |
| | Station expansion | 500,000 | 5,000,000 | 2,500,000 | - | - | - | 8,000,000 |
| 1, 2, 3, 4 | Station Remodeling | (90,000) | (450,000) | (50,000) | (25,000) | (50,000) | 150,000 | (665,000) |
| Total Change = | | 1,935,000 | 3,090,000 | 2,305,000 | (480,000) | 165,000 | 1,890,000 | 7,015,000 |

Library Improvements 2018-19/2023-24 Capital Improvements Program

This category includes projects for the planning, design, and construction of new libraries and library expansions; projects involving preventive maintenance, major repair and renovation of the libraries; projects acquiring major equipment, and the acquisition of new materials/books. The insured value of the Central Library and the five branches is approximately \$65 million.



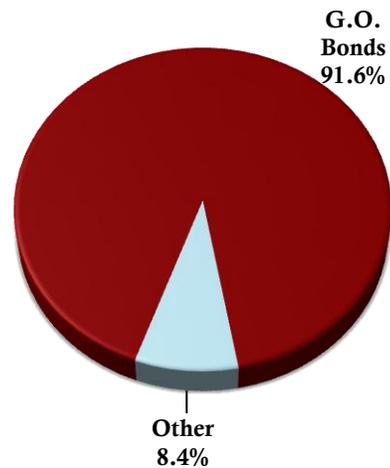
EXPENDITURES

\$8,630,000 of Library Improvements are planned to undertaken between FY19 and FY24 - an average of \$1,438,000/year. Library books are included in this capital improvement program. Principal payments on the books are front loaded so the principal payments are made within three to five years. \$950,000 is planned in FY2018 for replacement of the RFID system. This system allows for library users to self-check out/in items, pay fines, etc. and utilizes alarms and gates to prevent theft of items from each library.

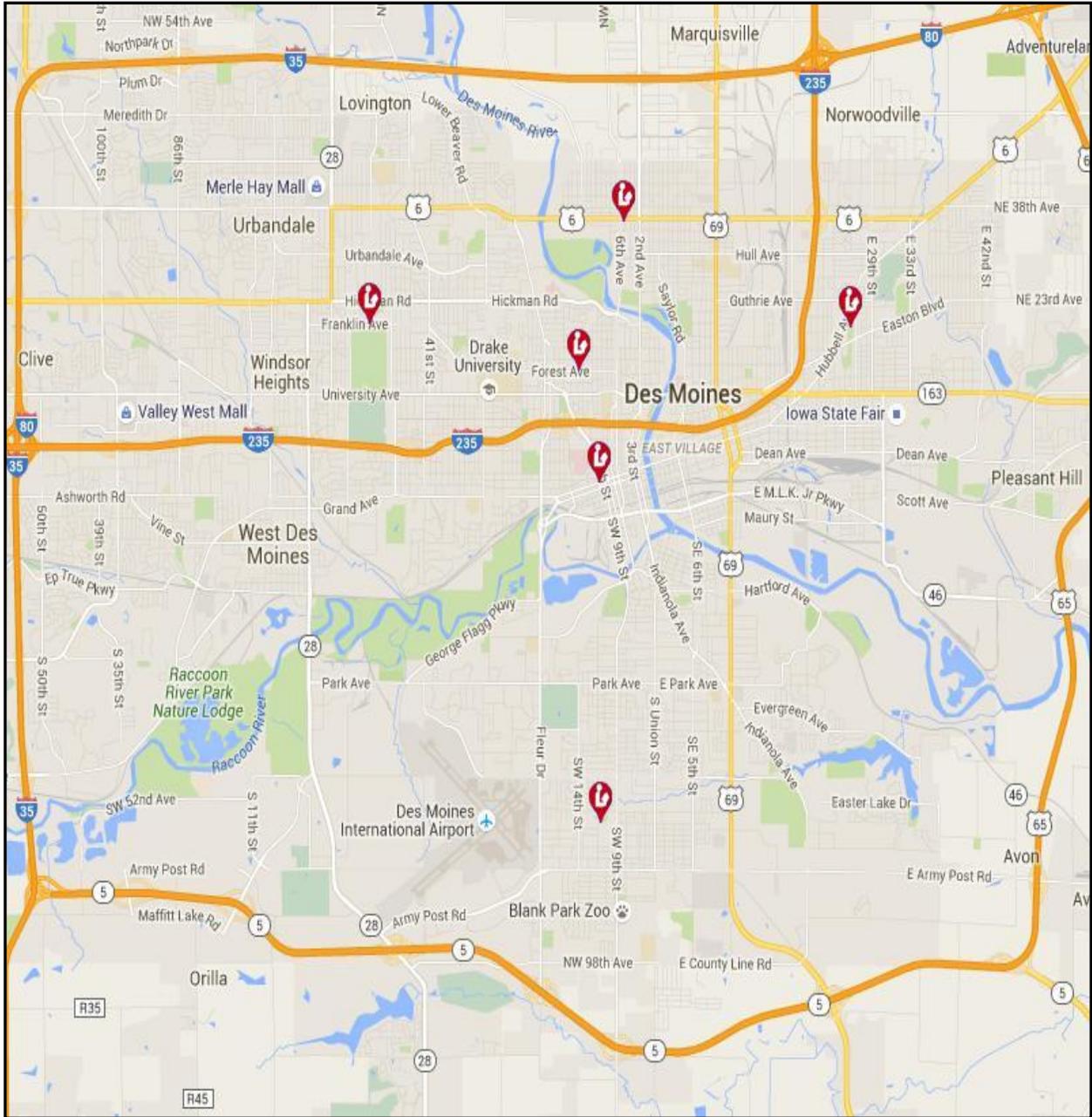
REVENUES

Funding in this category normally comes from the issuance of General Obligation Bonds issued for a term of 20 years with average life of nine and one-half years. The "Other" funding is mainly video and audio rental fees.

LIBRARY CIP - FUNDING SOURCES FY 2018-19/2023-24



Library Improvements Summary 2018-19/2023-24 Capital Improvements Program



| Library - Est cost of Project | Address | Year Built | Year Renovated | 2018 Insured Value (Building) |
|-------------------------------|------------------|------------|----------------|-------------------------------|
| Central | 11th & Locust | 2006 | n/a | \$ 38,000,000 |
| East Side | 2559 Hubbell Ave | 1969 | FY2007 | 5,275,000 |
| Forest Avenue | 1326 Forest Ave | 1992 | FY2008 | 4,175,000 |
| Franklin | 5000 Franklin | 1965 | FY2012 | 9,950,000 |
| North Side | 3516 5th Ave | 1984 | FY2008 | 3,450,000 |
| South Side | 1111 Porter Ave | 1977 | FY2008 | 5,150,000 |
| Total Current = | | | | \$ 66,000,000 |

**Library Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 7,405,000
Cost Beyond Six-year Period —
Committed 06-30-2017: —

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 219,293 | 100,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 13,424,437 | 11,504,437 | 1,920,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 7,810,000 | — | — | 1,005,000 | 1,340,000 | 2,010,000 | 1,435,000 | 1,000,000 | 1,020,000 |
| Library Foundation | 50,000 | 50,000 | — | — | — | — | — | — | — |
| Energy Rebate | 13,331 | 13,331 | — | — | — | — | — | — | — |
| Other | 1,940,265 | 1,100,265 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 |
| Total Revenues | 23,238,033 | 12,668,033 | 2,040,000 | 1,125,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 |
| Total Transfers | 7,917 | — | 7,917 | — | — | — | — | — | — |
| Expenditures | 23,245,950 | 12,448,740 | 2,167,210 | 1,225,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 |
| Ending Cash Balance | // | 219,293 | 100,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 596,399 | (290,811) | 127,210 | 50,000 | 75,000 | 735,000 | (100,000) | — | — |
| Franklin Closeout | 161,363 | — | 161,363 | — | — | — | — | — | — |

Library Improvements Collection Additions and Replacement 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C042LB99 LB046 | Cost for Plan Period | 4,545,000 |
| Department Responsible: | Library | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Livable Community, Opportunities for Leisure PlanDSM Pages 70-75 | Estimated Useful Life (years) | 5 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-Wide | End Date: | Ongoing |

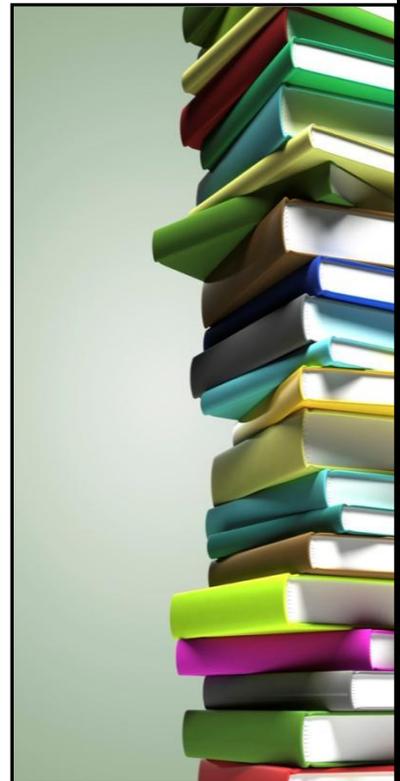
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,408 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | — | 9,676,422 | 720,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 4,700,000 | — | — | 755,000 | 765,000 | 775,000 | 785,000 | 800,000 | 820,000 |
| Other | 1,598,209 | 758,209 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 | 120,000 |
| Total Revenue | 16,694,631 | 10,434,631 | 840,000 | 875,000 | 885,000 | 895,000 | 905,000 | 920,000 | 940,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 16,694,631 | 10,433,223 | 841,408 | 875,000 | 885,000 | 895,000 | 905,000 | 920,000 | 940,000 |
| Ending Cash Balance | | 1,408 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 939,368 | (2,040) | 1,408 | — | — | — | — | — | n/a |

Description: This project provides for ongoing scheduled replacement of the existing collections. This project includes funds for approximately \$100,000 of audio materials, \$100,000 of videos, \$175,000 of electronic media, and \$500,000 of books per year. Also included is the acquisition of major software and databases related to the Library's collection. Principal payments on the library books are front-loaded so the principal payments are made within five years. GO Bond funding is supplemented with audio and video rental fees.

Justification: New books are necessary to fill the shelves of the new and expanded facilities. The existing collections need to be maintained in order to meet the demands of the customers.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: In FY2003, books were moved from the Operating Budget to the CIP. Since that time, \$9.7 million of bonds have been issued in this project.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Ongoing replacement of | Ongoing |

Library Improvements
Miscellaneous Building Improvements and Repairs
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C042LB99 LB055 | Cost for Plan Period | 2,860,000 |
| Department Responsible: | Library | Cost Beyond Six-year Period | — |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 33,480 |
| Relationship to Strategic Plan: | Livable Community, Opportunities for Leisure PlanDSM Pages 70-75 | Estimated Useful Life (year): | — |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-Wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 118,081 | 100,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 1,928,015 | 1,678,015 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 3,110,000 | — | — | 250,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 |
| Energy Rebate | 13,331 | 13,331 | — | — | — | — | — | — | — |
| Other | 342,056 | 342,056 | — | — | — | — | — | — | — |
| Total Revenue | 5,393,402 | 2,033,402 | 250,000 | 250,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 |
| Transfers In (Out): | | | | | | | | | |
| Transfer from closed projects | 7,917 | — | 7,917 | — | — | — | — | — | — |
| Total Transfers | 7,917 | — | 7,917 | — | — | — | — | — | — |
| Expenditures | 5,401,319 | 1,915,321 | 275,998 | 350,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 |
| Ending Cash Balance | // | 118,081 | 100,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 797,031 | (188,967) | 25,998 | 50,000 | 75,000 | 735,000 | (100,000) | — | n/a |

Description: This project provides for miscellaneous major repairs and improvements for the Central Library and any of the branch locations. Expenditures from this fund will also be used for energy improvement projects that will minimize annual energy operating costs, and staffing costs of facilities. Planned projects include: FY2018 - Forest - partial roofing, Franklin Ave Booster Pump, the repair of the front plaza; FY2019 - Central - Butterfly valve replacement and hot water mixing valves and replacement of three water heaters; and side stream filter; Forest - carpet replacement; North Side - fix water leaks, add electrical floor outlets, and carpet replacement; FY2020 - Forest - Move evaporator assembly and replace public rest room fixtures; Franklin - replace glycol line, East Side - carpet replacement, seal and stabilize building, replace vestibule door; FY2021 - Central - Carpet replacement and replacement of heat exchanger, East Side - Chiller Replacement; FY2022 replace existing HVAC controller of heating and cooling at the Central Library with an updated system, North side - replace sump pump and sump pump alarms; FY2023 - North Side - Replace ice melt system.

Justification: Normal wear and tear requires that the city has funding to undertake periodic improvements to these facilities with a FY13 insured value over \$58 million.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The effect on the General Fund operating budget vary depending on the project. It is anticipated that the facility inspections, repairs, and energy audits will lead to projects that will result in savings.

| WORKPLAN | FY 2018 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 |
|----------------------------------|------------|------------|------------|-------------------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Forest Ave Library Plaza Repairs | Design | Design | Design | Award Bid; Construction | Construction | Construction | -- | -- | -- |

Library Improvements
Replacement of RFID System
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|----------|
| Chart of Accounts | C042LB99 LB062 | Cost for Plan Period | — |
| Department Responsible: | Library | Cost Beyond Six-year Period | — |
| General Category: | Equipment - New Replacement | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Livable Community, Opportunities for Leisure PlanDSM Pages 70-75 | Estimated Useful Life (years) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-Wide | End Date: | Jun 2018 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|----------------|-------------|----------------|---------|------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 950,000 | — | 950,000 | — | — | — | — | — | — |
| Total Revenue | 950,000 | — | 950,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 950,000 | — | 950,000 | — | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | — | — | — | — | — | — | — | n/a |

Description: RFID system is comprised of targets placed in each item in the library's collection, circulation antennas, self check units, and security gates at entrances. Using the targets, the system automatically recognizes each item checked out or checked in saving staff time by dealing with items in batches. System allows for library users to self-check out/in items, pay fines, etc. System also utilizes alarms and gates to prevent theft of items from each library. Current use of aging RFID system reduces staff work load by equivalent of 20 full time staff members.

Justification: Current RFID system is 12 years old. System is not compliant with new credit card chip and pin or chip and signature protocol. System is not currently compliant with today's RFID technology. Upgrade is now difficult as original system was based on Windows XP and has been updated to Windows 7 but cannot be further upgraded. Repair is difficult as parts are no longer available that are compliant with system; older scanners cannot be upgraded to newer format scanners and RFID antennas are degrading.

Explanation of Change in Expenditures: This project has moved up four years from last year's CIP.

Operating Budget Effect: Use of current RFID system reduces staff work load by 20 full time staff members. Current system also reduces theft of collection. Not replacing the currently degrading system, the operating budget would have to increase to hire staff to accommodate the services that are now being handled through automation. The library budget would also suffer a marked increase in lost items by theft.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------|------------|------------|--------------|--------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Replacement | -- | Award Bid | Installation | Installation | -- | -- | -- | -- | -- |

**Library Improvements
Southeast Branch
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|--|-------------------------------|----------|
| Chart of Accounts | C042LB99 LB053 | Cost for Plan Period | — |
| Department Responsible: | Library | Cost Beyond Six-year Period | — |
| General Category: | Buildings - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Livable Community, Opportunities for Leisure PlanDSM Pages 70-75 | Estimated Useful Life (years) | 50 |
| Ward(s): | 4 | Start Date: | Jul 2009 |
| Neighborhood(s): | N/A | End Date: | TBD |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|----------------|----------------|---------------|----------|------------|----------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 99,804 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 150,000 | 150,000 | — | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | — | — | — | — | — | — | — | — | — | — |
| Library Foundation | 50,000 | 50,000 | — | — | — | — | — | — | — | — |
| Total Revenue | 200,000 | 200,000 | — | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 200,000 | 100,196 | 99,804 | — | — | — | — | — | — | — |
| Ending Cash Balance | | 99,804 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (99,804) | 99,804 | — | — | — | — | — | — | n/a |

Description: This project originally provided for construction of a 12,000 square foot library to service a projected population of at least 30,000 people in the southeast area of the city. A study has recommended the facility should be a regional library with a cost estimated at \$13.3 million, with an additional \$2-\$3 million for a new collection. The original agreement with the Des Moines Public Library foundation is that the cost of the facility would be split between the City and the Foundation. During the current fiscal year, Library Board is determining the appropriate level and method of provision for library services for the SE section of City. Remaining balance is being kept in the project for possible improvements related to the installation of a kiosk.

Justification: This project was initiated to study the needs of the residents in the SE section of the City. A regional library is not financially feasible at this time, but the project is being kept open with the balance of funds as a place holder.

Explanation of Change in Expenditures: Funding has been carried over from FY2015 for possible improvements related to the installation of a kiosk.

Operating Budget Effect: In its current status, this project is expected to have minimal impact on the Operating Budget.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD | TBD |

Library Improvements

2018-19/2023-24 Capital Improvements Program

Expenditures

| | | | BUDGET | | PLAN | | | | | |
|-----------------------------|--------------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Ward | PROJECT TITLE | TOTAL | YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Collection Additions and Replacement | 16,694,631 | 10,433,223 | 841,408 | 875,000 | 885,000 | 895,000 | 905,000 | 920,000 | 940,000 |
| 1,2,3,4 | Miscellaneous Building Improvements | 5,401,319 | 1,915,321 | 275,998 | 350,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 |
| 1,2,3,4 | Replacement of RFID System | 950,000 | - | 950,000 | - | - | - | - | - | - |
| 4 | Southeast Branch/KIOSK | 200,000 | 100,196 | 99,804 | - | - | - | - | - | - |
| Total Expenditures = | | 23,245,950 | 12,448,740 | 2,167,210 | 1,225,000 | 1,460,000 | 2,130,000 | 1,555,000 | 1,120,000 | 1,140,000 |

Change in Expenditures from Last Year's Document

| | | | BUDGET | | PLAN | | | | | |
|-----------------------|--------------------------------------|----------------|------------------|----------------|---------------|---------------|----------------|------------------|----------|------------|
| Ward | PROJECT TITLE | TOTAL | YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Collection Additions and Replacement | (632) | (2,040) | 1,408 | - | - | - | - | - | n/a |
| 1,2,3,4 | Miscellaneous Building Improvements | 597,031 | (188,967) | 25,998 | 50,000 | 75,000 | 735,000 | (100,000) | - | n/a |
| 1,2,3,4 | Replacement of RFID System | - | - | - | - | - | - | - | - | n/a |
| 4 | Southeast Branch/KIOSK | - | (99,804) | 99,804 | - | - | - | - | - | n/a |
| Total Change = | | 596,399 | (290,811) | 127,210 | 50,000 | 75,000 | 735,000 | (100,000) | - | n/a |

Library Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY18-FY23 |
|---------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1,2,3,4 | Collection Additions and Replacements | 755,000 | 765,000 | 775,000 | 785,000 | 800,000 | 820,000 | 4,700,000 |
| 1,2,3,4 | Miscellaneous Building Improvements | 250,000 | 575,000 | 1,235,000 | 650,000 | 200,000 | 200,000 | 3,110,000 |
| | Total G.O. Bonds to be Issued = | 1,005,000 | 1,340,000 | 2,010,000 | 1,435,000 | 1,000,000 | 1,020,000 | 7,810,000 |

G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

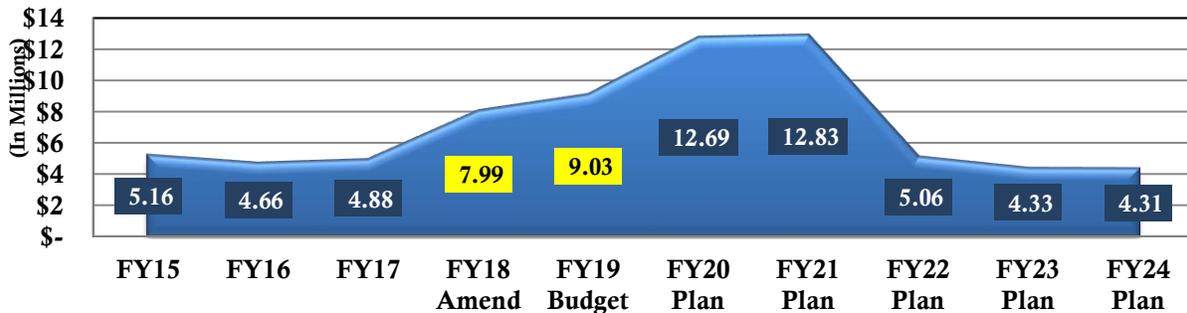
| Ward | YEAR 1 PROJECT | YEAR 2 2018-19 | YEAR 3 2019-20 | YEAR 4 2020-21 | YEAR 5 2021-22 | YEAR 6 2022-23 | 2021-22 2023-24 | TOTAL CHANGE FY18-FY22 |
|---------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|---------------------------|
| 1,2,3,4 | Collection Additions and Replacements | - | - | - | - | - | 820,000 | - |
| 1,2,3,4 | Miscellaneous Building Improvements | (50,000) | 75,000 | 735,000 | (100,000) | - | 200,000 | 660,000 |
| | Total Change = | (50,000) | 75,000 | 735,000 | (100,000) | - | 1,020,000 | 660,000 |



**Miscellaneous Improvements
2018-19/2023-24 Capital Improvements Program**

This category is for miscellaneous improvement projects not categorized in other sections of the CIP. Projects include: City Fiber Network, Information Technology, City Tree Replacement Fund, Emerald Ash Borer Response Plan, Public Art, Vacant/Abandoned Residential Property Redevelopment, and the Neighborhood Development and Finance Corporations

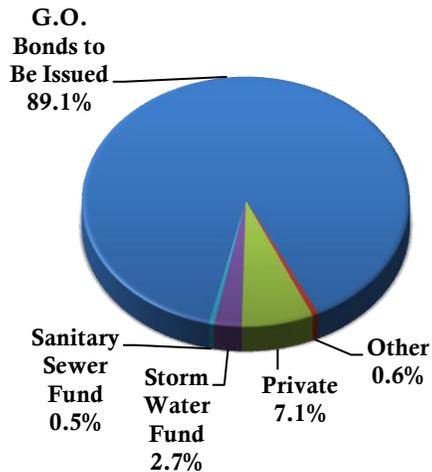
**MISCELLANEOUS CIP IMPROVEMENTS
FY15-17 (ACTUAL), FY18-FY19 (BUDGETED), & FY23-24**



EXPENDITURES

\$48,142,000 is anticipated to be spent between FY19 and FY24 on projects within the Miscellaneous CIP Improvements Category - an average of \$8 million/year. \$730,000/year of G.O. Bonds is included in the CIP budget to address the impacts caused by the Emerald Ash Borer (removal and treatment). Three other ongoing projects account for the majority of the expenditures in this section of the CIP: Neighborhood Finance Corporation (NFC) and Neighborhood Development Corporation (NDC) - \$1 million/year (each); and the Information Technology project. Three other minor ongoing are City-Wide Tree Replacement (to replace trees removed during other projects), Public Art (an annual contribution to the Greater Des Moines Public Art Foundation), and Vacant Property Redevelopment. The Public Safety Communication System Upgrade - \$13 million (FY19-FY21), and Fleur Drive Breezeway - \$3.3 million (FY18-FY19) - all donations, are new projects in this year's CIP.

**MISCELLANEOUS
CIP - FUNDING SOURCES
FY 2018-19/2023-24**

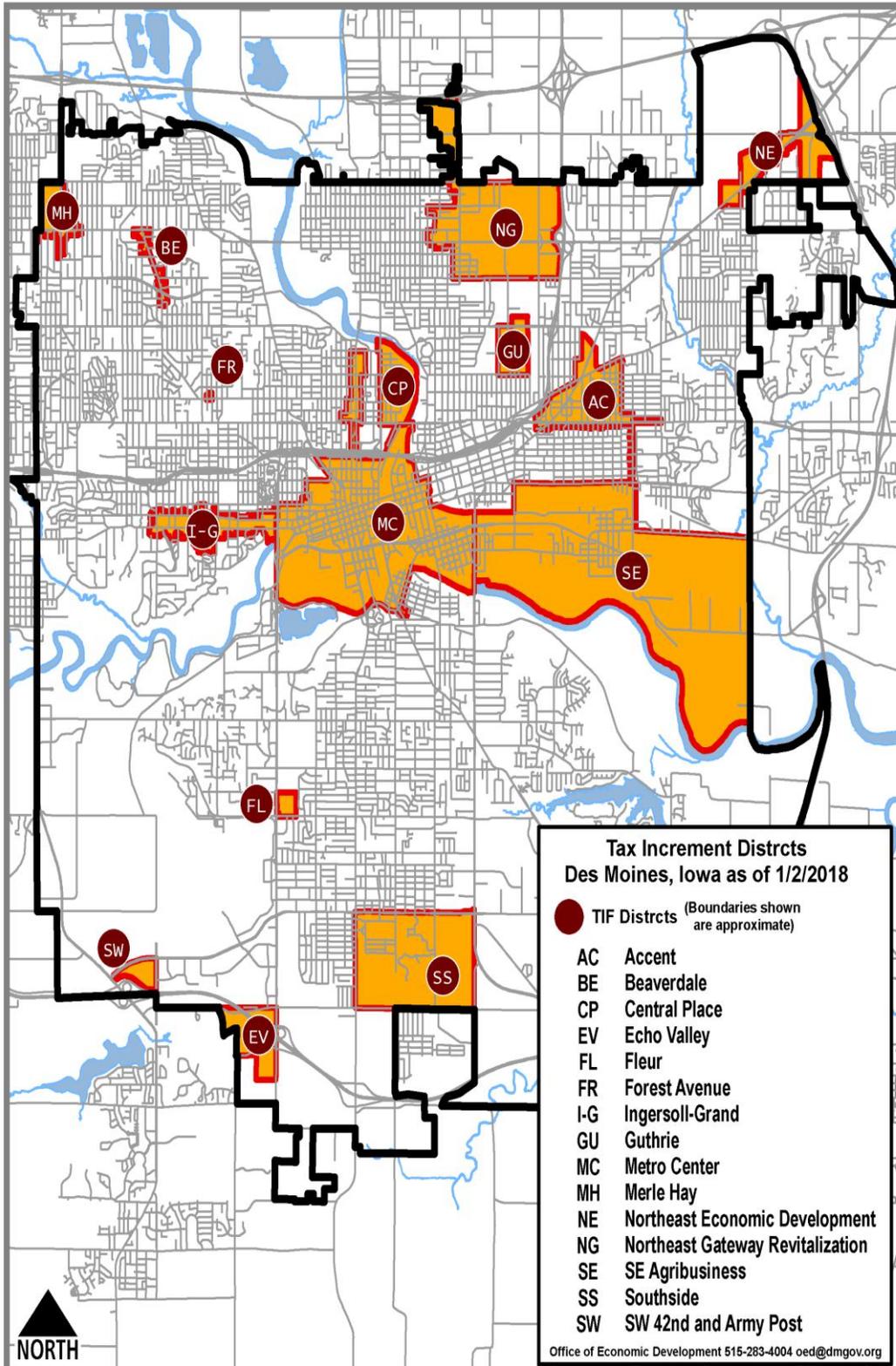


REVENUES

The majority of revenues normally comes from the issuance of G.O. debt. The miscellaneous operating revenue is mainly for the Storm Water and Sanitary Sewer Funds share of funding the City Tree Replacement Fund (CTRF) project, and the Storm Water Utility's funding of the EAB project.

**Miscellaneous Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Tax Increment Districts 2018 - City of Des Moines, Iowa



**Miscellaneous Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 39,200,000
Cost Beyond Six-year Period 10,000,000
Committed 06-30-2017: —

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|--------------------|-------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 2,372,524 | 90,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 60,414,382 | 55,354,382 | 5,060,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 42,905,000 | — | — | 5,080,000 | 12,410,000 | 12,550,000 | 4,780,000 | 4,055,000 | 4,030,000 |
| Federal | 300,000 | 300,000 | — | — | — | — | — | — | — |
| General Fund | 1,000,000 | 1,000,000 | — | — | — | — | — | — | — |
| Operating Funds | 1,788,004 | 1,788,004 | — | — | — | — | — | — | — |
| Other | 391,548 | 241,548 | 25,000 | — | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| Private | 3,700,000 | — | 300,000 | 3,400,000 | — | — | — | — | — |
| Parking Fund | 30,000 | — | 30,000 | — | — | — | — | — | — |
| Sanitary Sewer Fund | 467,000 | 181,000 | 30,000 | 6,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Storm Water Utility Fund | 2,247,000 | 740,600 | 215,200 | 291,200 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| State | 50,000 | 50,000 | — | — | — | — | — | — | — |
| TIF Cash | 165,000 | — | — | 165,000 | — | — | — | — | — |
| WRA | 200,520 | 150,520 | 50,000 | — | — | — | — | — | — |
| Total Revenue | 113,658,454 | 59,806,054 | 5,710,200 | 8,942,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 |
| Total Transfers | 5,200 | 5,200 | — | — | — | — | — | — | — |
| Expenditures | 113,663,654 | 57,438,730 | 7,992,724 | 9,032,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 |
| Ending Cash Balance | // | 2,372,524 | 90,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 20,913,231 | (877,786) | 1,711,017 | 3,855,000 | 7,330,000 | 8,120,000 | 750,000 | 25,000 | — |

**Miscellaneous Improvements
City Tree Replacement Fund (CTRF)
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C051PW99 MS007 | Cost for Plan Period | 1,125,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Upgraded City Infra. PlanDSM Pages 62-67 | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|----------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 65,207 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Federal | 300,000 | 300,000 | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 915,000 | 815,000 | 100,000 | — | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 600,000 | — | — | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Other | 311,716 | 161,716 | 25,000 | — | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| Sanitary Sewer Fund | 437,000 | 181,000 | — | 6,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Storm Water Utility Fund | 717,000 | 290,600 | 35,200 | 141,200 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| WRA | 200,520 | 150,520 | 50,000 | — | — | — | — | — | — | — |
| Total Revenue | 3,481,236 | 1,898,836 | 210,200 | 247,200 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Transfers In (Out): | | | | | | | | | | |
| PG016 - City-Wide Parking | 5,200 | 5,200 | — | — | — | — | — | — | — | — |
| Total Transfers | 5,200 | 5,200 | — |
| Expenditures | 3,486,436 | 1,838,829 | 275,407 | 247,200 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Ending Cash Balance | | 65,207 | — | — | — | — | — | — | — | — |

| | | | | | | | | | | |
|-------------------------------|---------|----------|--------|--------|---|---|---|---|---|-----|
| Change in Expend. (Prev. Yr.) | 250,750 | (56,457) | 60,007 | 22,200 | — | — | — | — | — | n/a |
|-------------------------------|---------|----------|--------|--------|---|---|---|---|---|-----|

Description: This project provides for the replacement of trees when they are unavoidably removed on public construction projects, and when sufficient trees cannot be installed back onto the project area, as part of the project. Impediments to tree replacement may be site limitations, interference with or by new infrastructure, or planting restrictions placed upon a project by Federal or State construction funding sources. Trees removed require the application of a mitigation formula so that \$400 per mitigation tree is deposited into the City Tree Replacement Fund (CTRF). Funding is provided by G.O. Bonds in the amount of \$100,000 (\$50,000 of which was additional funding to replace ash trees lost to EAB), plus transfers from the enterprise funds and WRA, as calculated by the mitigation formula for work performed the previous fiscal year. The city also received a 'one time' U.S. Forest Service Grant of \$300,000 to plant trees, work that was completed in Spring, 2016.

Justification: In order to provide an effective and efficient mitigation for trees that must be removed by Public Improvements and Utilities, on September 14th, 2009, Roll Call 09-1682, the City Council adopted Tree Preservation Principles for City Property, Public Improvement Projects and Utilities policy. On September 13, 2010, Roll Call 10-1508 supplemented this policy to require mitigation without regard to species.

Explanation of Change in Expenditures: Additional monies have been added to this project to help replace trees lost due to the EAB.

Operating Budget Effect: The long-term affect of this project on the various operating budgets will be negligible.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Tree Planting | — | Ongoing | — | Ongoing | — | Ongoing | — | Ongoing | — |

Miscellaneous Improvements
Comprehensive Plan and Zoning Code Update
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|---------|
| Chart of Accounts | C051CD99 MS013 | Cost for Plan Period | — |
| Department Responsible: | City Manager | Cost Beyond Six-year Period | — |
| General Category: | Neighborhood/Economic Development | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Pride in DM Community, Sustainable Community PlanDSM Pgs 12-21 /62-67 | Estimated Useful Life (years) | — |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | Varies | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|----------------|----------------|----------------|---------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 141,960 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 600,000 | 600,000 | — | — | — | — | — | — | — | — |
| State | 50,000 | 50,000 | — | — | — | — | — | — | — | — |
| Total Revenues | 650,000 | 650,000 | — | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 650,000 | 508,040 | 141,960 | — | — | — | — | — | — | — |
| Ending Cash Balance | — | 141,960 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (45,660) | 45,660 | — | — | — | — | — | — | n/a |

Description: Update the City's 2020 Community Character Plan and Zoning Code. Previous attempts to secure up to \$1.8 M in federal financial support were unsuccessful. Additional financial resources (MPO, coordination with regional entities) will be pursued for the remaining project cost. CIP funding will allow hiring of one, temporary, full-time employee to serve as a Special Project Manager for up to three years. Total cost - Project Manager \$360,000; Zoning Code Consultant; \$224,500, Economics Consultant \$7,500; Printing \$36,500; Misc /Staff Charges \$21,500

Justification: The 2020 Community Character Plan was adopted August 7, 2000. Due to adoption of the "Smart Planning Principles" in the Code of Iowa nearing completion of the Tomorrow Plan (Regional Plan for Sustainable Development and passage of nearly 15 years, it is time to update the 2020 Community Character Plan to fully coordinate land use, transportation and infrastructure and planning. The last comprehensive update to the City's zoning code was completed in 1965. City Council has repeatedly expressed desire for an updated code and staff has responded with numerous incremental changes. However, previous efforts to complete a comprehensive update to the zoning code in the early to mid 2000's stalled due to higher council priorities and scarcity of financial and staff resources. It is anticipated that previous working draft will be utilized to the maximum extent. That draft will require modification to address sustainability and green infrastructure principles as well as new goals indentified during the Comprehensive Plan update. The new code will also need to be "right-sized" to existing and future staff resources for planning, site plan review and enforcement.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This project will also utilize existing staff resources (PUD Division, Neighborhood Planning Division, Zoning Enforcement Division, Legal Department, etc.).

| WORKPLAN | FY 2015 | FY 2015 | FY 2015 | FY 2015 | FY 2016 | FY 2016 | FY 2016 | FY 2016 | FY 2017 |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Jul-Sep 14 | Oct-Dec 14 | Jan-Mar 15 | Apr-Jun 15 | Jul-Sep 15 | Oct-Dec 15 | Jan-Mar 16 | Apr-Jun 16 | Jul-Sep 16 |
| Update Comp Plan and Zoning Code | Plan Update |

**Miscellaneous Improvements
Emerald Ash Borer Response Plan
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-------------------------------------|-------------------------------|
| Chart of Accounts | C051PW99 MS012 | Cost for Plan Period | 4,400,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | 5,000,000 |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Upgraded City Infra. | PlanDSM Pages 62-67 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 72,695 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 2,920,000 | 2,190,000 | 730,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 4,380,000 | — | — | 730,000 | 730,000 | 730,000 | 730,000 | 730,000 | 730,000 |
| Storm Water Utility Fund | 1,500,000 | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Total Revenue | 8,800,000 | 2,640,000 | 880,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,800,000 | 2,567,305 | 952,695 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 |
| Ending Cash Balance | | 72,695 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 880,000 | (72,695) | 72,695 | — | — | — | — | — | n/a |

Description: Conduct insect treatment of 2,400 ash trees and felling or removal of 10,600 ash trees citywide using contracted services. The Emerald Ash Borer (EAB) insect has the capacity to kill all ash trees. Des Moines has approximately 13,000 high impact ash trees in areas along streets, trails, parks, parking lots, and buildings that could directly affect people and vehicles. EAB will kill every ash tree that is not chemically treated. The city has identified trees with good health and structure, without major defects, and growing outside of utility easement, for treatment. The treatment will extend the removal timeline to assist in budgeting. The EAB Response Plan will further prioritize felling or removal of the remaining high impact trees according to need based upon structural defects such as cavities, decay, cracks, and damaged root systems. An Urban Forest Project Manager provides oversight of the EAB Management Plan. FY2019 will be the fifth year of a ten year EAB Management Plan.

Justification: The volume of work required to treat and remove infected ash trees is beyond the capacity of the Public Works and Parks and Recreation Departments. Chemical treatment of selected high impact ash trees will be performed by licensed applicators. The remaining untreated high impact ash trees will be handled by felling or removal. Beyond year three, evaluation will be provided to assess whether treated trees will be continually treated for preservation or whether some or all of them will be removed. In addition to the high impact trees addressed in years 1-7 of the EAB Response Plan, there are additional ash trees on forested lands belonging to the park system that will be left to die and fall on their own.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project is not anticipated to have any significant effect on the City's Operating Budget. Proactive forest management reduces the possible future need for emergency callouts to remove standing dead ash trees that are a threat to people and property.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Treatment | -- | -- | -- | Treatment | -- | -- | -- | Treatment | -- |
| Removal | Removal | Removal | Removal | Removal | Removal | Removal | Removal | Removal | Removal |

Miscellaneous Improvements
Fleur Drive Passageway
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C051PW99 MS019 | Cost for Plan Period | — |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | 5,000,000 |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Upgraded City Infra. PlanDSM Pages 62-67 | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-----------|-------------|---------|-----------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Private | 3,700,000 | — | 300,000 | 3,400,000 | — | — | — | — | — | — |
| Total Revenue | 3,700,000 | — | 300,000 | 3,400,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,700,000 | — | 300,000 | 3,400,000 | — | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 3,700,000 | — | 300,000 | 3,400,000 | — | — | — | — | — | n/a |

Description: This project consists of a new pedestrian underpass under Fleur Drive approximately 500 feet north of George Flag Parkway. This project will connect Gray's Lake Park to Des Moines Water Works Park. The underpass will provide a connection to the proposed amenities proposed by the Des Moines Water Works Park Foundation.

Justification: This project will provide a safe pedestrian connection between Gray's Lake Park to Des Moines Water Works Park.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect: Until an Agreement has been reached, the affect on the operating budget cannot be accurately estimated.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------|------------|--------------------|--------------------|------------|------------|-----------------------|---------------|---------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Passageway | Planning | Preliminary Design | Preliminary Design | Design | Design | Award Bid, Constructi | Constructi on | Constructi on | Closeout |

**Miscellaneous Improvements
Information Technology
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C051IT99 MS001 | Cost for Plan Period | 9,775,000 |
| Department Responsible: | Information Technology | Cost Beyond Six-year Period | — |
| General Category: | Equipment - New | Committed 06-30-2017: | 30,467 |
| Relationship to Strategic Plan: | Except. Mun. Serv., Cust. Friendly, Upgraded City Infra. PlanDSM Pages 62-67 | Estimated Useful Life (years) | 7 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 874,053 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 15,401,695 | 13,871,695 | 1,530,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 11,225,000 | — | — | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 |
| Operating Funds | 1,788,004 | 1,788,004 | — | — | — | — | — | — | — |
| Other | 79,832 | 79,832 | — | — | — | — | — | — | — |
| Total Revenue | 28,494,531 | 15,739,531 | 1,530,000 | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 |
| Transfers In (Out): | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 28,494,531 | 14,865,478 | 2,404,053 | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 |
| Ending Cash Balance | | 874,053 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,708,231 | (590,822) | 874,053 | 100,000 | 550,000 | 2,000,000 | 750,000 | 25,000 | n/a |

Description: This project provides for the continued extension and enhancement of the City’s enterprise communications and data management systems, including voice systems, data and communications infrastructure, enterprise software applications, GIS, and data migration from legacy systems. The City continues to expand its use of information technology to improve management processes and enhance services. Scheduled improvements on an annual basis include: FY2019-FY2024 Ongoing projects include: Disaster Recovery - \$275,000, Fiber Extension - \$575,000, Mass Storage - \$750,000, Network Equipment- \$1,900,000, Phone System - \$175,000, Security Systems - \$640,000, and Wireless Equipment - \$180,000, New specific projects: Website Redevelopment - \$440,000 (FY17-FY19), Customer Relations Management System Replacement - \$1,000,000 (FY20), Enterprise Asset Management Software - \$1,000,000 (FY20); Virtual Server Segmentation (150,000 (FY20); Security Information & Event Monitoring Upgrade - \$0150,000 (FY20); Secondary Fiber for Critical Facilities - \$250,00 / yr (FY20-FY23); Network Service Assurance Platform - \$750,000 (FY21); and Unified Commutations Study - \$150,000 (FY19) and Implementation - \$1,500,000 (FY21-FY22).

Justification: This project will enable employees to more effectively interact within the organization, as well as externally with the public.

Explanation of Change in Expenditures: Funding has changed based on a needs assessment conducted in FY2017 by Plante Moran .

Operating Budget Effect: One of the goals of this project is to increase the overall efficiency and effectiveness of the City's Operations. However, it is difficult, if not impossible, to quantify the overall affect the various projects will have on the operating budget.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|-------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Various IT Equipment/Upgrades | Ongoing Acquisition/Installation |

**Miscellaneous Improvements
Market District Study
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C051EG99 MS016 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Alive DT | Committed 06-30-2017: | — |
| Relationship to City Goals: | Fulfills E.D. Objective | Estimated Useful Life (years) | — |
| Ward(s): | 1,2,3,4 | Start Date: | Mar 2017 |
| Neighborhood(s): | Varies | End Date: | June 2018 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|----------------|----------------|----------------|----------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 249,609 | 90,000 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 250,000 | 250,000 | — | — | — | — | — | — | — | — |
| Parking Fund | 30,000 | — | 30,000 | — | — | — | — | — | — | — |
| Sanitary Sewer Fund | 30,000 | — | 30,000 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 30,000 | — | 30,000 | — | — | — | — | — | — | — |
| TIF Cash | 165,000 | — | — | 165,000 | — | — | — | — | — | — |
| Total Revenues | 505,000 | 250,000 | 90,000 | 165,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 505,000 | 391 | 249,609 | 255,000 | — | — | — | — | — | — |
| Ending Cash Balance | 249,609 | 249,609 | 90,000 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 505,000 | 391 | 249,609 | 255,000 | — | — | — | — | — | n/a |

Description: The Market District is an emerging development area south of the East Village along E. MLK Parkway and east of the Des Moines River; it is located in the “Downtown Node” identified on the PlanDSM Future Land Use Map. There is immediate interest to develop urban-scale multi-family residential, office and retail uses that will add significant taxable value for the City of Des Moines. There are infrastructure deficiencies in the district that must be addressed for new, higher density development to occur such as unpaved streets and storm sewer. The proximity of Police, Fire, employment and commercial/retail services make this an area that is highly suitable for development and could result in a high return on investment by the City. Development of this area is aligned with the goals and policies of PlanDSM and strategies of GuideDSM. On December 4, 2017 (RC 17-2042) the City Council approved a Professional Services Agreement (PSA) with HDR Engineering, Inc. for professional services for the Market District Study. The Market District Study consists of master planning and an infrastructure analysis for a redevelopment area in a portion of the downtown Historic East Village neighborhood, which includes the area referred to as the Market District. The Market District Study will build from the basic ideas that were proposed in the 2010 Market District of East Village Urban Design Study. It is anticipated that there could be approximately \$20 million in City Capital Improvement projects, including, but not limited to, roadway, water distribution, stormwater management, and sanitary sewer system infrastructure improvements that could be identified with the Market District Study as needed to serve new redevelopment in the Market District. Two of these projects: Market District Lift Station and Force Main - (Sanitary Sewer Section page 6), and 7th Street Reconstruction and Trunk Sewer (Street Section page 38) are included in the CIP.

Justification: There are infrastructure deficiencies in the district that must be addressed for new, higher density development to occur such as unpaved streets and storm sewer. The study will help identify infrastructure needs of the area and further develop the Market District of the East Village Urban Design Study (2008).

Explanation of Change in Expenditures: The budget has been increased to fund the full study.

Operating Budget Effect: This project is not expected to impact the operating budget.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------|------------|------------------------|------------|------------|------------|-------------------------------|------------------------|------------------------|---------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Market District Study | - | RFP/ Select Consultant | Study | Study | Study | Presentation of Study results | Design of Improvements | Design of Improvements | Phased Improvements |

**Miscellaneous Improvements
Neighborhood Development Corporation
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C051CM99 MS003 | Cost for Plan Period | 5,000,000 |
| Department Responsible: | City Manager | Cost Beyond Six-year Period | — |
| Relationship to Strategic Plan: | Pride in DM Community, Sustainable Community PlanDSM Pgs 12-21 /62-67 | Committed 06-30-2017: | — |
| Relationship to City Goals: | Fulfills E.D. Objective | Estimated Useful Life (years) | — |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | Varies | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 18,000,000 | 17,000,000 | 1,000,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 6,000,000 | — | — | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Total Revenues | 24,000,000 | 17,000,000 | 1,000,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 24,000,000 | 17,000,000 | 1,000,000 |
| Ending Cash Balance | | | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,000,000 | — | — | — | — | — | — | — | n/a |

Description: On August 17, 1998, by Roll Call No. 98-2610, the City Council approved a proposal to create a Neighborhood Development Corporation. The purpose was to utilize financing to create more housing units and to acquire residential and commercial property for redevelopment to assist in the creation of small businesses and employment opportunities in the neighborhoods. During the coming year, staff will review possible funding options to reduce the need to borrow funds. The current Agreement with the NDC expires 11/30/2017 - RC 12-0494).

Justification: The mission of the NDC is instrumental in helping the City Council to meet goals of PlanDSM and the Strategic Plan.

Explanation of Change in Expenditures: This project has not changed from last year's CIP document.

Operating Budget Effect: Over the long-term, significant valuations will be added to the City's tax base generating additional budget property tax revenue.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------|------------|------------|------------|---------------------------|------------|------------|------------|---------------------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Contribution to NDC | -- | -- | -- | Contribution (in June) | -- | -- | -- | Contribution (in June) | -- |

**Miscellaneous Improvements
Neighborhood Finance Corporation
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C051CM99 MS004 | Cost for Plan Period | 5,000,000 |
| Department Responsible: | City Manager | Cost Beyond Six-year Period | — |
| General Category: | Neighborhood/Economic Development | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Pride in DM Community, Sustainable Community PlanDSM Pgs 12-21 /62-67 | Estimated Useful Life (years) | — |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | Various | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|---|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 18,737,687 | 17,737,687 | 1,000,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 6,000,000 | — | — | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Total Revenues | 24,737,687 | 17,737,687 | 1,000,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 24,737,687 | 17,737,687 | 1,000,000 |
| Ending Cash Balance |  | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,000,000 | — | — | — | — | — | — | — | n/a |

Description: On November 5, 1990, the City of Des Moines, Polk County and the Neighborhood Finance Corporation (NFC) entered into an agreement, pursuant to the provisions of Chapter 28E Code of Iowa, for various housing services. The mission of the NFC is to provide unique lending programs and related services to help revitalize targeted neighborhoods in Polk County through partnerships with residents, government bodies, community-based organizations and the business community. During the coming year, staff will review possible funding options to reduce the need to borrow funds. The current Agreement with the NFC expires 6/30/2017 - RC 12-0493).

Justification: The mission of the NFC is instrumental in assisting in meeting the City Council adopted Goal Statement for Neighborhood Commercial Revitalization by providing affordable housing in targeted neighborhoods that will assist in the sustaining the vitality of neighborhoods.

Explanation of Change in Expenditures: This project has not changed from last year's CIP document.

Operating Budget Effect: Over the long-term, significant valuations will be added to the City's tax base generating additional budget property tax revenue.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------|------------|------------|------------|------------------------|------------|------------|------------|------------------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Contribution to NFC | -- | -- | -- | Contribution (in June) | -- | -- | -- | Contribution (in June) | -- |

Miscellaneous Improvements
Permitting and Licensing Management Software
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|--------|
| Chart of Accounts | C051IT99 MS017 | Cost for Plan Period | — |
| Department Responsible: | Information Technology | Cost Beyond Six-year Period | — |
| General Category: | Software | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Except. Mun. Serv., Cust. Friendly, Upgraded City Infra. PlanDSM Pages 62-67 | Estimated Useful Life (years) | 10 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul-16 |
| Neighborhood(s): | N/A | End Date: | Jun-19 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|---|------------------|------------------|----------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 919,000 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 500,000 | — | 500,000 | — | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 500,000 | — | — | 500,000 | — | — | — | — | — | — |
| General Fund | 1,000,000 | 1,000,000 | — | — | — | — | — | — | — | — |
| Total Revenue | 2,000,000 | 1,000,000 | 500,000 | 500,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,000,000 | 81,000 | 1,419,000 | 500,000 | — | — | — | — | — | — |
| Ending Cash Balance |  | 919,000 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (119,000) | 119,000 | — | — | — | — | — | — | n/a |

Description: This project provides funding for the replacement of Tidemark, the City's current Land Management Software (LMS) used to manage land development, construction permitting and inspections, sign permits, tax abatement, business & pet licenses, street use events, rental property certification and inspection, code enforcement & legal actions, neighborhood conservation programs, and Zoning Board of Adjustment actions by the City Clerk's Office, Community Development Department, Fire Department, Traffic & Transportation Division, and City Manager's Office. Project costs include software, hardware, data conversion, project management and implementation services, training, and contracted personnel for implementation support. The Tidemark software currently used to manage these processes is outdated and no longer supported by its provider. The replacement system is expected to provide additional functionality, more efficiency, and increased transparency. Such improvements will improve workflows and the customer experience for Des Moines citizens, helping meet the High Performing Organization goal of GuideDSM.

Justification: The City's current system, Tidemark, is no longer supported by its provider, Accela Inc.

Explanation of Change in Expenditures: In last year's CIP, \$1 million of G.O. Bonds to be issued was planned for this project as a placeholder within the Information Technology project. Further planning by outside consultants raised the estimate for this project to \$2 million.

Operating Budget Effect: This project is expected to increase operational efficiencies, but it is too early in the process to predict any potential savings at this time.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------|------------------------|-------------|-------------|------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Software Replacement | Preliminary Evaluation | Develop RFP | Develop RFP | Award Bid | Installation | Installation | Installation | Installation | Installation |

Miscellaneous Improvements
Public Safety Communication System Upgrade
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|------------|
| Chart of Accounts | C051PD99 MS018 | Cost for Plan Period | 12,900,000 |
| Department Responsible: | Police Department | Cost Beyond Six-year Period | — |
| General Category: | Equipment / Software | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Except. Mun. Serv., Cust. Friendly, Upgraded City Infra. PlanDSM Pages 62-67 | Estimated Useful Life (years) | 10 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul-18 |
| Neighborhood(s): | N/A | End Date: | Jun-21 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|-------------|----------|----------------|------------------|------------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds to Be Issued | 13,000,000 | — | — | 100,000 | 6,780,000 | 6,120,000 | — | — | — | — |
| Total Revenue | 13,000,000 | — | — | 100,000 | 6,780,000 | 6,120,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 13,000,000 | — | — | 100,000 | 6,780,000 | 6,120,000 | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 13,000,000 | — | — | 100,000 | 6,780,000 | 6,120,000 | — | — | n/a | |

Description: This project will upgrade the City's 1970s built analog public safety radio systems to a digital system which is the current industry standard. Costs in FY2020 will be construction of new tower(s), core, microwave, and updated dispatch equipment. Costs in FY2021 will be mostly new radios. The City will likely join an existing radio system, however significant infrastructure costs are required to ensure adequate coverage. Specifically, the new system will need to have stronger coverage in the downtown core to penetrate large buildings. The project will include purchasing replacement radios for all city departments including Police, Fire, Public Works, and Parks. These radios will have additional functionality including GPS capability and ability to interoperate with other agencies using a P25 radio system. \$100,000 of G.O. Bonds will be issued in FY2019 for consulting and planning purposes.

Justification: Most large municipalities have made the upgrade to a P25 standard digital radio system including many surrounding agencies such as the State, Polk County, and western suburbs. A P25 standard digital radio system will result in improved outdoor and in-building radio coverage; improved capacity to ensure an appropriate number of radio channels during emergency situations; improved system resiliency and redundancy to minimize or eliminate single points of failure; Improved interoperability with surrounding agencies/counties, including the new P25 Iowa statewide Interoperability Communications System (ISICS); and encryption for selected users to promote user safety, and protect confidential communications from unwanted monitoring and use of sensitive information.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect: General Fund: About \$300,000 annually in site utilities, leases, utilities, maintenance and administrative costs for the first three years. In year four, costs could increase to \$700,000 to include software upgrades and on-site support.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|----------------------|------------|------------|---------------|-----------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Software Replacement | Review RFP | Review RFP | Select Vendor | Pre-Instalation | Installation | Installation | Installation | Installation | Installation |

Miscellaneous Improvements
Public Art
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|---------|
| Chart of Accounts | C051CM99 MS010 | Cost for Plan Period | 500,000 |
| Department Responsible: | City Manager | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Upgraded City Infra. PlanDSM Page 58, 63 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 2,840,000 | 2,740,000 | 100,000 | — | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 600,000 | — | — | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Revenue | 3,440,000 | 2,740,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,440,000 | 2,740,000 | 100,000 |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | — | — | — | — | — | — | — | — | n/a |

Description: This project provides for an annual contribution to the Greater Des Moines Public Art Foundation (GDMPAF). On October 22, 2001, by the passage of an Ordinance No. 14,005, the Des Moines City Council established the City Public Arts Program. The program operated as a City of Des Moines governmental unit, then known as the Public Art Commission. A 2004 agreement with the City of Des Moines formally transferred the administration and associated private fundraising to the Community Foundation. The Community Foundation established a new organization called the Greater Des Moines Public Art Foundation to in part fulfill these obligations. The GDMPAF is responsible for advancing and administering the affairs and activities of the community's public art program and serves as an advisory body to the Des Moines City Council. It also provides a process for the public to more easily support the acquisition of public works of art.

Justification: This project is a result of Ordinance No. 14,005 and Roll Calls 03-1315; 03-2902, and 04-1451. These funds have been used to help fund local projects such the Pappajohn Sculpture Garden and the bicycle racks on East Locust.

Explanation of Change in Expenditures: This project has not changed from last year's CIP document.

Operating Budget Effect: This project is not anticipated to have any affect on any of the City's Operating Budgets.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------|------------|---------------|------------|------------|------------|---------------|------------|------------|---------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Payment Foundation | — | Payment (Oct) | — | — | — | Payment (Oct) | — | — | Payment (Oct) |

Miscellaneous Improvements
Vacant/Abandoned Residential Property Redevelopment
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|---------|
| Chart of Accounts | C051CD99 MS014 | Cost for Plan Period | 500,000 |
| Department Responsible: | Community Development | Cost Beyond Six-year Period | — |
| General Category: | Neighborhood/Economic Development | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Pride in DM Community, Sustainable Community PlanDSM Pg 34-37 / 62-67 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 50,000 | — | 50,000 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 250,000 | 150,000 | 100,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 600,000 | — | — | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Revenue | 850,000 | 150,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — |
| Expenditures | 850,000 | 100,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Ending Cash Balance | | 50,000 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | (50,000) | 50,000 | — | — | — | — | — | n/a |

Description: The City of Des Moines has a significant number of vacant and blighted residential properties. The Vacant/Abandoned Residential Property Redevelopment program will provide \$100,000 annually for the acquisition, demolition, or rehabilitation of abandoned or blighted properties in the City as well as costs associated with any necessary short-term holding of property. On October 12, 2015 the City Council approved by roll call # 15-1706 an agreement with Community Housing Initiatives (CHI) and NFC Properties, LLC for the acquisition and rehabilitation of 15 homes in Capitol Park, Capitol East, and MLK Jr. Park Neighborhoods. The agreement contributes \$100,000 of CIP funding towards 5 of the 15 homes and leverages \$200,000 in a NeighborWorks Collaboration Grant received by CHI and NFC Properties.

Justification: According to the Census, there are approximately 2,100 vacant residential housing units in the City of Des Moines. Many of these properties are in danger of becoming a blight and have a negative impact on the quality of our neighborhoods. Currently there are approximately 200 public nuisance structures in the City of Des Moines and nearly 5,300 in subnormal (or blighted) condition. This program will leverage existing staff and federal funds to reduce the number of blighted residential properties in the City.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This program will not have an impact on the operating budget.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Property Redevelopment | Ongoing |

| Miscellaneous CIP Improvements | | | | | | | | | | |
|---|-------------------------------------|--------------------|--------------------|------------------|------------------|-------------------|-------------------|------------------|------------------|------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Expenditures | | | | | | | | | | |
| | | | BUDGET | | PLAN | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City Tree Replacement Fund | 3,486,436 | 1,838,829 | 275,407 | 247,200 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| 1,2,3,4 | Comp. Plan and Zoning Code Update | 650,000 | 508,040 | 141,960 | - | - | - | - | - | - |
| 1,2,3,4 | Emerald Ash Borer Response Plan | 8,800,000 | 2,567,305 | 952,695 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 | 880,000 |
| 3 | Fleur Drive Passageway | 3,700,000 | - | 300,000 | 3,400,000 | - | - | - | - | - |
| 1,2,3,4 | Information Technology | 28,494,531 | 14,865,478 | 2,404,053 | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 |
| 3 | Market District Study | 505,000 | 391 | 249,609 | 255,000 | - | - | - | - | - |
| 1,2,3,4 | Neighborhood Dev. Corporation | 24,000,000 | 17,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Neighborhood Finance Corporation | 24,737,687 | 17,737,687 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Permitting and Licensing Management | 2,000,000 | 81,000 | 1,419,000 | 500,000 | - | - | - | - | - |
| 1,2,3,4 | Public Safety Communication System | 13,000,000 | - | - | 100,000 | 6,780,000 | 6,120,000 | - | - | - |
| 1,2,3,4 | Public Art | 3,440,000 | 2,740,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| 1,2,3,4 | Vacant Property Redevelopment | 850,000 | 100,000 | 150,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Expenditures = | | 113,663,654 | 57,438,730 | 7,992,724 | 9,032,200 | 12,685,000 | 12,825,000 | 5,055,000 | 4,330,000 | 4,305,000 |

| Miscellaneous CIP Improvements | | | | | | | | | | |
|---|-------------------------------------|-------------------|--------------------|------------------|------------------|------------------|------------------|----------------|----------------|----------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Change in Expenditures from Last Year's Document | | | | | | | | | | |
| | | | BUDGET | | PLAN | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City Tree Replacement Fund | 25,750 | (56,457) | 60,007 | 22,200 | - | - | - | - | n/a |
| 1,2,3,4 | Comprehensive Plan and Zoning Code | - | (45,660) | 45,660 | - | - | - | - | - | n/a |
| 1,2,3,4 | Emerald Ash Borer Response Plan | - | (72,695) | 72,695 | - | - | - | - | - | n/a |
| 3 | Fleur Drive Passageway | 3,700,000 | - | 300,000 | 3,400,000 | - | - | - | - | - |
| 1,2,3,4 | Information Technology | 3,708,231 | (590,822) | 874,053 | 100,000 | 550,000 | 2,000,000 | 750,000 | 25,000 | n/a |
| 3 | Market District Study | 505,000 | 391 | 249,609 | 255,000 | - | - | - | - | n/a |
| 1,2,3,4 | Neighborhood Dev. Corporation | - | - | - | - | - | - | - | - | n/a |
| 1,2,3,4 | Neighborhood Finance Corporation | - | - | - | - | - | - | - | - | n/a |
| 1,2,3,4 | Permitting and Licensing Management | - | (119,000) | 119,000 | - | - | - | - | - | n/a |
| 1,2,3,4 | Public Safety Communication System | 13,000,000 | - | - | 100,000 | 6,780,000 | 6,120,000 | - | - | n/a |
| 1,2,3,4 | Public Art | - | - | - | - | - | - | - | - | n/a |
| 1,2,3,4 | Vacant Property Redevelopment | - | (50,000) | 50,000 | - | - | - | - | - | n/a |
| Total Change = | | 20,938,981 | (934,243) | 1,771,024 | 3,877,200 | 7,330,000 | 8,120,000 | 750,000 | 25,000 | - |

Miscellaneous CIP Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY19-FY24 |
|--|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1,2,3,4 | City Tree Replacement Fund | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 600,000 |
| 1,2,3,4 | Emerald Ash Borer Response Plan | 730,000 | 730,000 | 730,000 | 730,000 | 730,000 | 730,000 | 4,380,000 |
| 1,2,3,4 | Enhanced Info. and Communication System | 1,450,000 | 2,600,000 | 3,400,000 | 1,750,000 | 1,025,000 | 1,000,000 | 11,225,000 |
| 1,2,3,4 | NDC | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 6,000,000 |
| 1,2,3,4 | NFC | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 6,000,000 |
| 1,2,3,4 | Permitting And Licensing Software | 500,000 | - | - | - | - | - | 500,000 |
| 1,2,3,4 | Public Safety Communication System Upgrade | 100,000 | 6,780,000 | 6,120,000 | - | - | - | 13,000,000 |
| 1,2,3,4 | Public Art | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 600,000 |
| 1,2,3,4 | Vacant Property Redevelopment | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 600,000 |
| Total G.O. Bonds to be Issued = | | 5,080,000 | 12,410,000 | 12,550,000 | 4,780,000 | 4,055,000 | 4,030,000 | 42,905,000 |

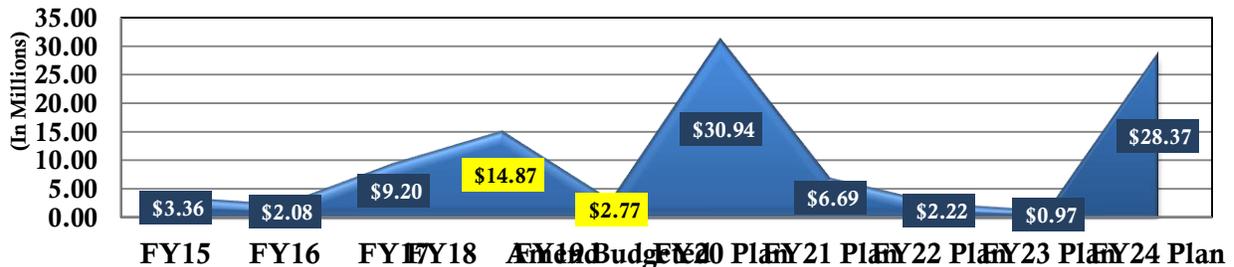
G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY19-FY23 |
|-----------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
| 1,2,3,4 | City Tree Replacement Fund | - | - | - | - | - | 100,000 | - |
| 1,2,3,4 | Emerald Ash Borer Response Plan | - | - | - | - | - | 730,000 | - |
| 1,2,3,4 | Enhanced Info. and Communication System | 100,000 | 550,000 | 2,000,000 | 750,000 | 25,000 | 1,000,000 | 3,425,000 |
| 1,2,3,4 | NDC | - | - | - | - | - | 1,000,000 | - |
| 1,2,3,4 | NFC | - | - | - | - | - | 1,000,000 | - |
| 1,2,3,4 | Permitting And Licensing Software | - | - | - | - | - | - | - |
| 1,2,3,4 | Public Safety Communication System Upgrade | 100,000 | 6,780,000 | 6,120,000 | - | - | - | 13,000,000 |
| 1,2,3,4 | Public Art | - | - | - | - | - | 100,000 | - |
| 1,2,3,4 | Vacant Property Redevelopment | - | - | - | - | - | 100,000 | - |
| Total Change = | | 200,000 | 7,330,000 | 8,120,000 | 750,000 | 25,000 | 4,030,000 | 16,425,000 |

Municipal Building Improvements 2018-19/2023-24 Capital Improvements Program

These projects are for the repair, construction, preventive maintenance, and upkeep of municipal owned buildings, which are not a part of the Park, Fire or Library Departments, or any of the enterprise operations. The major buildings covered by these projects, as listed on the next page, had a total insured value of over \$70 million. A number of other buildings are also covered in this section of the CIP.

MUNICIPAL CIP EXPENDITURES FY15- 17 (ACTUAL), FY18-FY19 (BUDGETED), & FY20-24 (PLAN)



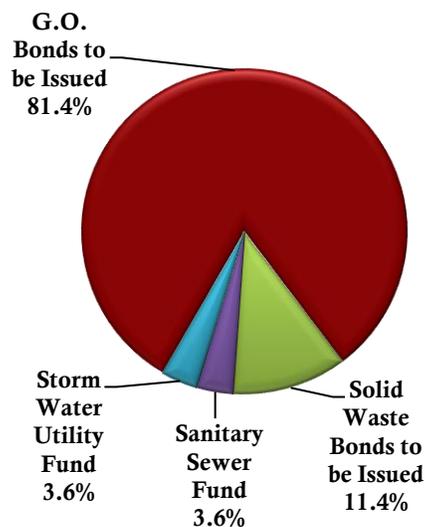
EXPENDITURES

\$71.9 million is anticipated to be spent between FY19 and FY24 on projects in the Municipal Building category - \$61.45 of that total is for Phase 2 and 2B of the Municipal Service center. Most of the projects in this section of the CIP are on-going - funding improvements to maintain the city's municipal facilities. Until future plans for the Armory, Police Station, and PW facilities are determined, only essential repairs/improvements will be undertaken at these facilities. The Phase 2 of the Municipal Service Center is scheduled for FY20 - FY21 at an estimated cost of \$33.6 million. Phase two will house Fleet Services, Radio Services, and Solid Waste. The \$27.5 million Phase 2B project is scheduled for FY24. Phase 2B will house General Road Use, Storm Water, and Sanitary Sewer operations. Only \$4.8 million was shown in the previous CIP for planning purposes. .

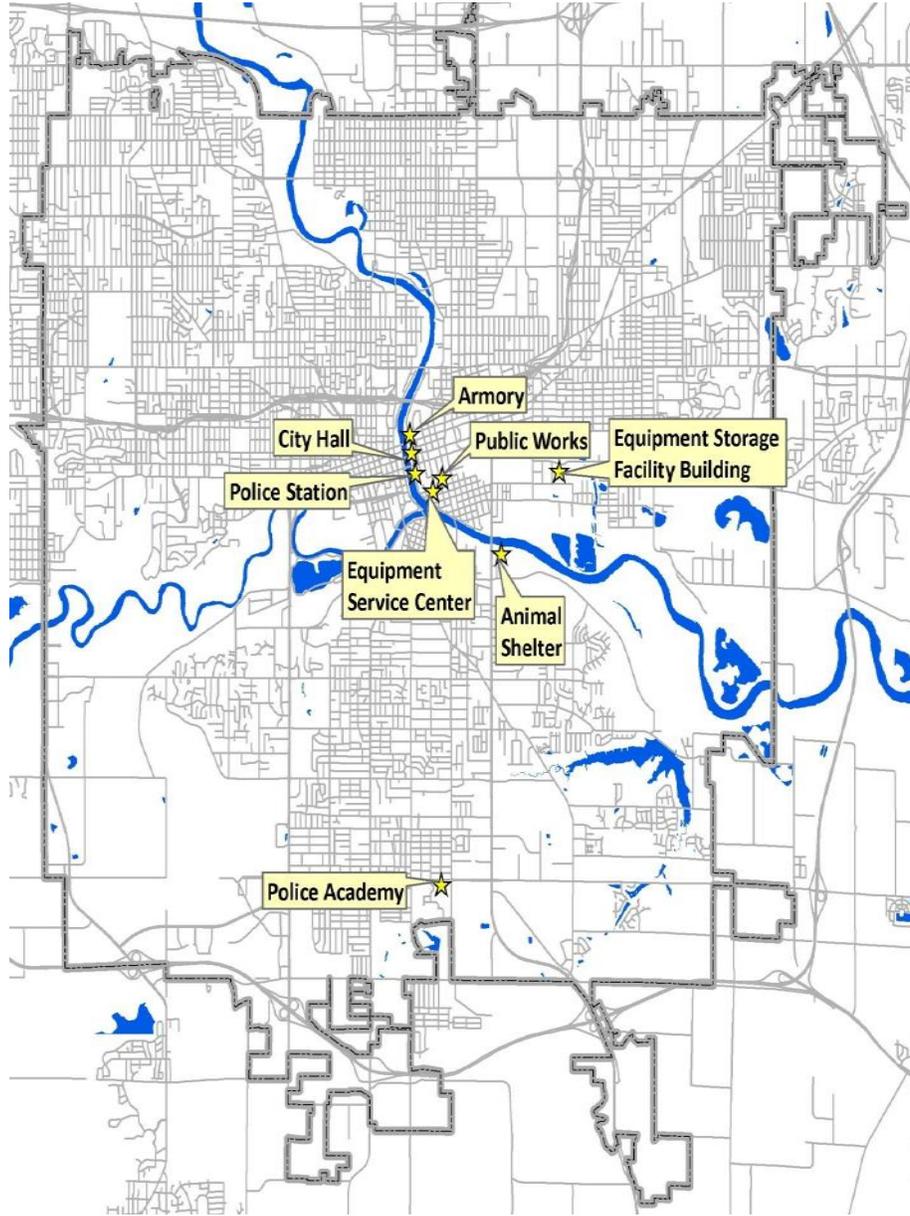
REVENUES

The majority of revenues normally comes from the issuance of G.O. debt. The enterprise funding is related the Municipal Service Center project. Enterprise funds are contributing \$17.1 million for their share of the Municipal Service Center - Phase 2 project based on their square foot of space and prorated cost of shared space

MUNICIPAL IMPROVEMENTS CIP - FUNDING SOURCES FY 2018-19/2023-24



**Municipal Building Improvements
Summary
2018-19/2023-24 Capital Improvements Program**



| MAJOR FACILITIES | 2018 INSURED VALUE | |
|-----------------------------|--------------------|-------------------|
| Armory | \$ | 13,000,000 |
| City Hall | | 15,000,000 |
| Equipment Service Center | | 5,500,000 |
| Municipal Service Center | | 17,500,000 |
| Police Academy | | 3,000,000 |
| Police Station/Garage | | 15,000,000 |
| Public Works Admin Building | | 4,500,000 |
| Total = | \$ | 73,500,000 |

**Municipal Building Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 71,172,500
Cost Beyond Six-year Period —
Committed 06-30-2017: 3,757,845

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------|--------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|----------------|-------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 5,202,506 | 1,275,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Energy Rebate | 75,250 | 50,250 | 10,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| ARRA - Federal Stimulus | 1,577,650 | 1,577,650 | — | — | — | — | — | — | — |
| General Fund | 2,342,116 | 1,879,716 | 222,400 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 |
| G.O. Bonds Issued | 37,026,051 | 30,662,051 | 6,364,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 57,575,000 | — | 250,000 | 1,450,000 | 22,800,000 | 6,650,000 | 2,175,000 | 925,000 | 23,325,000 |
| Solid Waste Bonds to be Issued | — | — | — | — | 8,000,000 | — | — | — | — |
| Solid Waste Fund | — | — | 3,000,000 | — | — | — | — | — | — |
| Sanitary Sewer Fund | — | — | 500,000 | — | 50,000 | — | — | — | 2,500,000 |
| Storm Water Utility Fund | — | — | 500,000 | — | 50,000 | — | — | — | 2,500,000 |
| Other | 144,050 | 46,947 | 97,103 | — | — | — | — | — | — |
| Total Revenue | 98,740,117 | 34,216,614 | 10,943,503 | 1,492,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 |
| Total Transfers | 407,864 | 407,864 | — | — | — | — | — | — | — |
| Expenditures | 116,247,981 | 29,421,972 | 14,871,009 | 2,767,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 |
| Ending Cash Balance | // | 5,202,506 | 1,275,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 37,036,967 | (4,371,542) | 8,533,509 | (550,000) | 29,305,000 | 4,940,000 | (510,000) | (310,000) | — |

**Municipal Building Improvements
ADA Modifications for Municipal Buildings
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PK99 BL042 | Cost for Plan Period | 1,275,000 | |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | — | |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|-----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 109,203 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 7,176,322 | 6,826,322 | 350,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,650,000 | — | — | 375,000 | 400,000 | 425,000 | 450,000 | — | — | — |
| Other | 39,869 | 39,869 | — | — | — | — | — | — | — | — |
| Total Revenue | 8,866,191 | 6,866,191 | 350,000 | 375,000 | 400,000 | 425,000 | 450,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,866,191 | 6,756,988 | 459,203 | 375,000 | 400,000 | 425,000 | 450,000 | — | — | — |
| Ending Cash Balance | / / / / / | 109,203 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (475,000) | (109,203) | 109,203 | | — | — | — | (475,000) | | n/a |

Description: This project has provided funding to address ADA deficiencies as identified by the DOJ. \$6.3 million of total funding has been identified to address the building needs identified by the DOJ/Project Civic Access. Funding for improvements have come from various sources including: ADA Modifications for Municipal Improvements - \$6.5 million, Parking and Park and Ride System - \$350,000; Principal Park - \$1 million; Library South Branch Parking Lot - \$400,000; and \$400,000+ for various other projects in the CIP. Funding of over \$13 million is provided in the Sidewalk ADA Compliance project. in the Street section of the CIP. The remaining funding in this project is being provided to address items in the ADA Transition plan.

Justification: One of the City's goals is to provide all residents with readily accessible parks, municipal buildings/facilities.

Explanation of Change in Expenditures: Additional funding has been provided to help address additional issues identified in the Transition Plan.

Operating Budget Effect: This project is not expected to have a significant impact on the operating departments impacted by these improvements, all of which are within the General Fund.

| WORKPLAN | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 |
| ADA Improvements | Ongoing Improvemen |

**Municipal Building Improvements
Armory Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | C034PK99 BL129 | Cost for Plan Period | 2,235,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|--------------------|------------------|------------------|--------------------|------------------|------------------|------------------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 149,530 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 150,000 | 150,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 650,000 | — | 250,000 | 150,000 | 250,000 | — | — | — | — |
| Total Revenue | 800,000 | 150,000 | 250,000 | 150,000 | 250,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BL085 - Municipal Building Im | (200,000) | — | (200,000) | — | — | — | — | — | — |
| Total Transfers | (200,000) | — | (200,000) | — | — | — | — | — | — |
| Expenditures | 600,000 | 470 | 199,530 | 150,000 | 250,000 | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (3,235,000) | (149,530) | (50,470) | (1,800,000) | (185,000) | (475,000) | (625,000) | — | n/a |

Description: Funding in FY2017-FY2020 is for miscellaneous improvements and repairs to keep the Armory building functional. Substantial improvements, totaling over \$4 million, are needed at the Armory as the windows and HVAC systems are well beyond their useful life. In FY2016, City Hall staff were located to 400 E Court Avenue for the renovation of City Hall. That space will be available in April of 2018. All staff at the Armory, except for the Information Technology (IT) Department, will be moved to 400 E Court at that time. By September of 2018, the City will have a permanent relocation plan for all Armory staff, or for the a full renovation of the Armory. In the mean time, funds will be needed to keep the Armory functional for the IT staff. If it is determined to completely vacate the Armory, it will probably be well into FY2020 or FY2021 before a new facility would be ready. The cost to permanently relocation Armory staff to new modern facilities will be substantial, with expected costs exceeding \$20 million.

Justification: Although the long term use of the Armory is uncertain, funding for improvements and repairs is necessary to keep the facility operational.

Explanation of Change in Expenditures: Funding has been delayed with the anticipation that the Armory will eventually be vacated by City Staff.

Operating Budget Effect: This project is not anticipated to have an impact on the operating budget.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Misc. Improvements | Misc. Imp. |

**Municipal Building Improvements
City Hall Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts: | C034PK99 BL127 | Cost for Plan Period | — |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 3,306,155 |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | | 20 |
| Neighborhood(s): | N/A | Start Date: | Ongoing |
| | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|------------------|------------------|------------------|----------|------------|----------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 2,987,860 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Energy Rebate | 10,000 | — | 10,000 | — | — | — | — | — | — | — |
| General Fund | 2,102,116 | 1,879,716 | 222,400 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 5,721,384 | 5,442,384 | 279,000 | — | — | — | — | — | — | — |
| Total Revenue | 7,833,500 | 7,322,100 | 511,400 | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| BL074 - HVAC Improvements | 800,000 | 800,000 | — | — | — | — | — | — | — | — |
| BL044 - Mun Bldg Roofing Im | 290,000 | 290,000 | — | — | — | — | — | — | — | — |
| Total Transfers | 1,090,000 | 1,090,000 | — | — | — | — | — | — | — | — |
| Expenditures | 8,923,500 | 5,424,240 | 3,499,260 | — | — | — | — | — | — | — |
| Ending Cash Balance | / | 2,987,860 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,333,784 | (1,565,496) | 2,899,260 | — | — | — | — | — | — | n/a |

Description: This project provides for major improvements in City Hall. The projects will include the necessary replacement of the aging heating and ventilation equipment and updating of controls. Improvements include: replacement of the steam boiler and air handling units, adding of a fire sprinkler system, security improvements, roofing repairs/improvements, interior/exterior lighting improvements, a second elevator, and general remodeling. The projects do not include the cooling tower, which was replaced in 2003, nor the chiller, which was replaced in 1993. The significance of the improvements and the concurrent Grand Avenue Bridge Replacement and E. 2nd and Grand parking garage projects, necessitated the relocation of City Hall employees. Relocation costs were funded in the General Fund (ND405643). When complete, City Hall will basically be a new facility and no major improvements are anticipated for a number of years.

Justification: The steam boiler, installed over 40 years ago, is beyond its equipment life expectancy. The air handling units (AHUs) were more than 50 years old and have been re-conditioned multiple times but parts are no longer available. New equipment will result in lower maintenance costs, better occupant comfort, and energy savings. In order to maximize efficiency and minimize disruption of operations, the other needed improvements are being done at the same time.

Explanation of Change in Expenditures: As the project progressed, additional needs were identified. All additional funding was brought before City Council as those needs and change orders were identified.

Operating Budget Effect: The various improvements should result in increased energy efficiencies.

| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|------------------------|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| City Hall Improvements | Award Bid, Construction | Construction | Construction | Construction | Construction | Construction | Construction | -- | -- |

**Municipal Building Improvements
Energy Conservation
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|--|-------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PK99 BL110 | Cost for Plan Period | 262,500 | |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | — | |
| Relationship to Strategic Plan: | Community Sustain., Exceptional Services | PlanDSM Pg 50 | Estimated Useful Life (years) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|------------------------------------|------------------|------------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 183,216 | 175,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Energy Rebate | 65,250 | 50,250 | — | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| ARRA - Federal Stimulus | 1,577,650 | 1,577,650 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,590,633 | 1,540,633 | 50,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 475,000 | — | — | 225,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 |
| Other | 1,008 | 1,008 | — | — | — | — | — | — | — |
| BL110 - Energy Conservation | 3,709,541 | 3,169,541 | 50,000 | 227,500 | 52,500 | 52,500 | 52,500 | 52,500 | 52,500 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,709,541 | 2,986,325 | 58,216 | 402,500 | 52,500 | 52,500 | 52,500 | 52,500 | 52,500 |
| Ending Cash Balance | / | 183,216 | 175,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 72,500 | (185,716) | (144,284) | 350,000 | — | — | — | — | n/a |

Description: Funding for this project is used for completing energy efficiency studies in the City of Des Moines buildings and other similar city facilities, and to purchase and install replacement energy efficient equipment.

Justification: Methods and equipment for reducing the cost of providing energy to City buildings and related facilities should be pursued where the initial costs and on-going maintenance provide a return on the investment. The anticipated outcomes of these expenditures are lowered energy bills, longer lasting equipment, and fewer hours of labor to maintain, repair, or replace energy producing equipment.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: There are some reimbursements or credits available to the City with the installation of energy saving equipment and devices. Savings will also be realized from preventive repairs, and actual lower energy requirements.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Ongoing Conservation Project | Various |

**Municipal Building Improvements
HVAC, Electrical, and Plumbing Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PK99 BL074 | Cost for Plan Period | 1,950,000 | |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 2,490 | |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 547,821 | 400,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| General Fund | 240,000 | — | — | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 | 40,000 |
| G.O. Bonds Issued | 4,146,800 | 3,661,800 | 485,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,850,000 | — | — | 100,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Total Revenue | 6,236,800 | 3,661,800 | 485,000 | 140,000 | 390,000 | 390,000 | 390,000 | 390,000 | 390,000 |
| Transfers In (Out): | | | | | | | | | |
| BL062 - Police Facility Improv | (200,000) | — | (200,000) | — | — | — | — | — | — |
| BL127 - City Hall Improvement | (800,000) | (800,000) | — | — | — | — | — | — | — |
| Total Transfers | (800,000) | (800,000) | (200,000) | — | — | — | — | — | — |
| Expenditures | 5,236,800 | 2,313,979 | 432,821 | 540,000 | 390,000 | 390,000 | 390,000 | 390,000 | 390,000 |
| Ending Cash Balance | | 547,821 | 400,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,025,000 | (547,821) | (52,179) | 340,000 | 140,000 | 140,000 | 140,000 | 140,000 | n/a |

Description: This project provides for maintenance upgrades to the HVAC, electrical, and plumbing systems in the City's aging municipal buildings. The project will include the necessary replacement of the heating and cooling coils in HVAC units and the replacement of air handling units and heat pumps. \$100,000 of G.O. Bonds and \$40,000 of General Fund transfers has been budgeted each year for the City share of HVAC Improvements at the Des Moines Botanical Center.

Justification: Funding needs to be available for major planned and emergency repairs and replacements of the HVAC, electrical, and plumbing systems in the City's buildings.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: Because the things that are done vary so much within this project, it is difficult to quantify any impacts they may have on the operating department, but it is certain that newer equipment will be more efficient which will help to lower operating expenses.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---|------------|------------|------------|-------------------------|--------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Police Academy Firing Range HVAC Improvements | Design | Design | Design | Award Bid; Construction | Construction | -- | -- | -- | -- |
| Various Improvements | On-going | On-going | On-going | On-going | On-going | On-going | On-going | On-going | On-going |

Municipal Building Improvements
Municipal Building Improvements
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PK99 BL085 | Cost for Plan Period | 1,500,000 | |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 324,174 | |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|---------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (167,187) | 250,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 6,206,237 | 5,956,237 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,650,000 | — | — | 150,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Other | 22,103 | — | 22,103 | — | — | — | — | — | — |
| Total Revenue | 7,878,340 | 5,956,237 | 272,103 | 150,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| BL044 - Municipal Building Rep | 250,000 | — | 250,000 | — | — | — | — | — | — |
| BL129 - Armory Improvements | 200,000 | — | 200,000 | — | — | — | — | — | — |
| Total Transfers | 450,000 | — | 450,000 | — | — | — | — | — | — |
| Expenditures | 8,328,340 | 6,123,424 | 304,916 | 400,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | / / / / / / / / / / | (167,187) | 250,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 928,203 | 328,287 | 54,916 | | 225,000 | (25,000) | (25,000) | (25,000) | n/a |

Description: This project provides for remodeling of various areas, and the on-going repair/restoration of the City Hall, Police Stations, and other buildings, which includes the reconfiguration of office space.

Justification: Funding needs to be available for major planned and emergency repairs and improvements for City owned facilities. This may include major office reorganizations, new partitions, carpeting, etc.

Explanation of Change in Expenditures: Funding not changed significantly from last year's CIP.

Operating Budget Effect: Because the things that are done within this project are so variable, it is impossible to quantify any impacts they may have on the operating budget.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Various Improvements | Ongoing/ TBD |

Municipal Building Improvements
Municipal Building Reroofing
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts: | C034PK99 BL044 | Cost for Plan Period | 1,200,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 31,024 |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|------------------|-----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 334,885 | 100,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 2,688,687 | 2,363,687 | 325,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,300,000 | — | — | 100,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 |
| Total Revenue | 3,988,687 | 2,363,687 | 325,000 | 100,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | |
| BL085 - Municipal Building Im | (250,000) | — | (250,000) | — | — | — | — | — | — |
| Total Transfers | (250,000) | — | (250,000) | — | — | — | — | — | — |
| Expenditures | 3,738,687 | 2,028,802 | 309,885 | 200,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 |
| Ending Cash Balance | | 334,885 | 100,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 435,000 | (334,885) | (15,115) | (15,000) | 300,000 | 300,000 | — | 100,000 | n/a |

Description: This project provides for preventive maintenance and emergency repairs of all City building roofs. Although the operations of both facilities are expected to be relocated in the next few years, \$350,000 is identified in FY20 for the Fleet Maintenance Facility roof, and \$135,000 is identified in FY21 for roof at the Animal Shelter. The condition of the roofs at both facilities are well beyond being able to be repaired. The roofs must be replaced. If new facilities are not available in the next few years, the roofing projects will have to be initiated.

Justification: Funding needs to be available for major planned and emergency repairs/replacements of the roofs on City owned facilities.

Explanation of Change in Expenditures: Funding not changed from last year's CIP.

Operating Budget Effect: This project should have a minimal impact on the operating various non-enterprise departments covered by this project though some savings for reduced heating costs could be expected.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------------|----------------------|----------------------|------------|-------------------------|----------------------|----------------------|------------|----------------------|----------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2018 Mun Reroofing - Contract 1 | Design | Design | Design | Award Bid; Construction | Construction | Construction | -- | -- | -- |
| Various Improvements/Ongoing | Design, Construction | Design, Construction | Design | Design, Construction | Design, Construction | Design, Construction | Design | Design, Construction | Design, Construction |

Municipal Building Improvements Municipal Service Center - Phase 2 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts: | C034PK99 BL128 | Cost for Plan Period | 61,100,000 |
| Department Responsible: | City Manager | Cost Beyond Six-year Period | — |
| General Category: | Buildings - New/Expansion | Committed 06-30-2017: | 4,800 |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | | 50 |
| Neighborhood(s): | N/A | Start Date: | Jul-17 |
| | | End Date: | June-24 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|--------------------|------------------|----------------|-------------------|------------------|----------|----------|-------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | 717,864 | — | 367,864 | 350,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 4,750,000 | 250,000 | 4,500,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 48,000,000 | — | — | — | 20,500,000 | 5,000,000 | — | — | 22,500,000 |
| Solid Waste Bonds to be Issued | 8,000,000 | — | — | — | 8,000,000 | — | — | — | — |
| Solid Waste Fund | 3,000,000 | — | 3,000,000 | — | — | — | — | — | — |
| Sanitary Sewer Fund | 3,050,000 | — | 500,000 | — | 50,000 | — | — | — | 2,500,000 |
| Storm Water Utility Fund | 3,050,000 | — | 500,000 | — | 50,000 | — | — | — | 2,500,000 |
| Total Revenue | 69,850,000 | 250,000 | 8,500,000 | — | 28,600,000 | 5,000,000 | — | — | 27,500,000 |
| Transfer from MSC Phase 1 | 117,864 | 117,864 | — | — | — | — | — | — | — |
| Total Transfers | 117,864 | 117,864 | — | — | — | — | — | — | — |
| Expenditures | 69,967,864 | — | 8,517,864 | 350,000 | 28,600,000 | 5,000,000 | — | — | 27,500,000 |
| Ending Cash Balance | | 367,864 | 350,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 65,100,000 | (1,117,864) | 4,767,864 | 350,000 | 28,600,000 | 5,000,000 | — | — | n/a |

Description: The Phase 2 of the Municipal Service Center is scheduled for FY20 - FY21 at an estimated cost of \$33.6 million. Phase two will house Fleet Services, Radio Services, and Solid Waste. The \$27.5 million Phase 2B project is scheduled for FY24. Phase 2B will house General Road Use, Storm Water, and Sanitary Sewer operations. Only \$4.8 million was shown in the previous CIP for planning purposes. Enterprise funds are contributing \$17.1 million for their share of the project based on their square foot of space and prorated cost of shared space.

Justification: Development pressures in the Market District necessitate the need to move City functions from the area in the near future. The City's current facilities are extremely worn and outdated. New, modern, efficient, well coordinated facilities should result in savings to the various operating budgets.

Explanation of Change in Expenditures: This sheet now anticipates full project cost and revised timing.

Operating Budget Effect: At this stage of the project, it is too early to forecast the impact that these new facilities will have on the operating budget.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------|--------------------|--------------------|--------------------|--------------------|------------|------------|------------|-------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Design | Preliminary Design | Preliminary Design | Preliminary Design | Preliminary Design | Design | Design | Design | Design, Award Bid | Construction |
| Land Acquisition | Land Acq | Land Acq | Land Acq | Land Acq | -- | -- | -- | -- | -- |

**Municipal Building Improvements
Police Academy Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts: | C034PK99 BL095 | Cost for Plan Period | 900,000 |
| Department Responsible: | Police | Cost Beyond Six-year Period | — |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | | 25 |
| Neighborhood(s): | N/A | Start Date: | July-17 |
| | | End Date: | June-18 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|----------------|---------------|----------|----------|------------|---------------|----------------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 11,006 | 11,006 | — | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 900,000 | — | — | — | — | 50,000 | 850,000 | — | — | — |
| Total Revenue | 911,006 | 11,006 | — | — | — | 50,000 | 850,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 911,006 | 11,006 | — | — | — | 50,000 | 850,000 | — | — | — |
| Ending Cash Balance | / / / / | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | — | — | — | — | — | — | — | — | n/a |

Description: This project provides for the expansion of a defensive tactics training building, upgrading the restrooms to include the locker rooms and shower areas, and the replacement of existing windows. The expansion of the facility may create a need for HVAC improvements or expansion.

Justification: The Police Academy building has a growing number of needs due to its heavy use and age. Until the results of the Police Station study is complete, funding is needed in this project to keep this ability operational.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: The direct impact of this project on the operating budget cannot be determined at this time.

| WORKPLAN | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 |
|--------------------------|------------|------------|------------|------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 |
| Classroom Expansion | -- | -- | Design | Design | Construction | Construction | Construction | -- | -- |
| Lockers, Shower, Windows | -- | -- | Design | Design | Construction | Construction | Construction | -- | -- |

**Municipal Building Improvements
Police Facility Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PD99 BL062 | Cost for Plan Period | 600,000 | |
| Department Responsible: | Police | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 76,092 | |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|---|------------------|------------------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 651,572 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 3,716,228 | 3,641,228 | 75,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 900,000 | — | — | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Other | 81,070 | 6,070 | 75,000 | — | — | — | — | — | — | — |
| Total Revenue | 4,697,298 | 3,647,298 | 150,000 | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Transfers In (Out): | | | | | | | | | | |
| BL074 - HVAC Improvements | 200,000 | — | 200,000 | — | — | — | — | — | — | — |
| Total Transfers | 200,000 | — | 200,000 | — | — | — | — | — | — | — |
| Expenditures | 4,897,298 | 2,995,726 | 1,001,572 | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Ending Cash Balance |  | 651,572 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 800,000 | (651,572) | 926,572 | 225,000 | 225,000 | — | — | — | — | n/a |

Description: A new Police station is not anticipated for a number of years. To keep the current Police Station operations, improvements will be needed from time to time. Funding in FY18 included the demolition of the C&C building and the construction of a parking lot. Funding in FY18/FY19 will allow for completion of remodeling the third floor. A new Police Station complex is anticipated to cost in excess of \$150 million.

Justification: The Police main building, with a value of over \$13 million, houses 24/7 public safety operations which results in continuous wear on the facility. This project provides funds to keep the building safe, efficient, and in good working order.

Explanation of Change in Expenditures: Because a new facility is not anticipated for a number of years, additional funding has been added to allow for needed improvements.

Operating Budget Effect: This project is not anticipated to have a significant impact on any of the operating budgets of the Police Department.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Misc Improvements | Ongoing |

**Municipal Building Improvements
Public Works Building Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts: | C034PK99 BL108 | Cost for Plan Period | 150,000 | |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — | |
| General Category: | Buildings - Repair/Rehab | Committed 06-30-2017: | 13,110 | |
| Relationship to Strategic Plan: | Upgraded City Infra. Exceptional Services | PlanDSM Pgs 70-75 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | N/A | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|---|----------------|---------------|---------------|---------------|---------------|---------------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 37,742 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 868,754 | 818,754 | 50,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 200,000 | — | — | 50,000 | 50,000 | 50,000 | 50,000 | — | — | — |
| Total Revenue | 1,068,754 | 818,754 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,068,754 | 781,012 | 87,742 | 50,000 | 50,000 | 50,000 | 50,000 | — | — | — |
| Ending Cash Balance |  | 37,742 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (50,000) | (37,742) | 37,742 | — | — | — | — | (50,000) | n/a | |

Description: This project provides for minor improvements to various Public Works Department buildings. While significant improvements are needed, many of the buildings are on sites that will be prime for development once the SE Connector is completed.

Justification: The Public Works facilities have a growing number of needs, and the facilities are heavily used and very old. Until the second phase of the Municipal Service Center is completed, and the Public Works operations are relocated, funding is needed in this project to keep these facilities operational.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: Because the things that are done within this project are so variable, it is difficult to quantify any impacts they may have on the operating budget.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------------|-----------------|-----------------|-----------------|----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Brine Barn Roof Modification | Design | Design | Design | Award Bid; Construction | Construction | -- | -- | -- | -- |
| Various Improvements | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD |

Municipal Building Improvements

2018-19/2023-24 Capital Improvements Program

Expenditures

| | | | BUDGET | | PLAN | | | | | |
|-----------------------------|----------------------------------|--------------------|-------------------|-------------------|------------------|-------------------|------------------|------------------|----------------|-------------------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | ADA Modifications | 8,866,191 | 6,756,988 | 459,203 | 375,000 | 400,000 | 425,000 | 450,000 | - | - |
| 1,2,3,4 | Armory Improvements | 600,000 | 470 | 199,530 | 150,000 | 250,000 | - | - | - | - |
| 1,2,3,4 | City Hall Improvements | 8,923,500 | 5,424,240 | 3,499,260 | - | - | - | - | - | - |
| 1,2,3,4 | Energy Conservation | 3,709,541 | 2,986,325 | 58,216 | 402,500 | 52,500 | 52,500 | 52,500 | 52,500 | 52,500 |
| 1,2,3,4 | HVAC, Electrical, and Plumbing I | 5,236,800 | 2,313,979 | 432,821 | 540,000 | 390,000 | 390,000 | 390,000 | 390,000 | 390,000 |
| 1,2,3,4 | Municipal Building Improvemen | 8,328,340 | 6,123,424 | 304,916 | 400,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| 1,2,3,4 | Municipal Building Reroofing | 3,738,687 | 2,028,802 | 309,885 | 200,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 |
| 1,2,3,4 | Municipal Service Center | 69,967,864 | - | 8,517,864 | 350,000 | 28,600,000 | 5,000,000 | - | - | 27,500,000 |
| 1,2,3,4 | Police Academy Improvements | 911,006 | 11,006 | - | - | - | 50,000 | 850,000 | - | - |
| 1,2,3,4 | Police Facility Improvements | 4,897,298 | 2,995,726 | 1,001,572 | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| 1,2,3,4 | Public Works Building Improvem | 1,068,754 | 781,012 | 87,742 | 50,000 | 50,000 | 50,000 | 50,000 | - | - |
| Total Expenditures = | | 116,247,981 | 29,421,972 | 14,871,009 | 2,767,500 | 30,942,500 | 6,692,500 | 2,217,500 | 967,500 | 28,367,500 |

Municipal Building Improvements

2018-19/2023-24 Capital Improvements Program

Change in Expenditures from Last Year's Document

| | | | BUDGET | | PLAN | | | | | |
|-----------------------|----------------------------------|-------------------|--------------------|------------------|------------------|-------------------|------------------|------------------|------------------|------------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | ADA Modifications | (475,000) | (109,203) | 109,203 | - | - | - | - | (475,000) | n/a |
| 1,2,3,4 | Armory Improvements | (3,285,000) | (149,530) | (50,470) | (1,800,000) | (185,000) | (475,000) | (625,000) | - | n/a |
| 1,2,3,4 | City Hall Improvements | 1,333,764 | (1,565,496) | 2,899,260 | - | - | - | - | - | n/a |
| 1,2,3,4 | Energy Conservation | 20,000 | (185,716) | (144,284) | 350,000 | - | - | - | - | n/a |
| 1,2,3,4 | HVAC, Electrical, and Plumbing I | 300,000 | (547,821) | (52,179) | 340,000 | 140,000 | 140,000 | 140,000 | 140,000 | n/a |
| 1,2,3,4 | Municipal Building Improvemen | 533,203 | 328,287 | 54,916 | - | 225,000 | (25,000) | (25,000) | (25,000) | n/a |
| 1,2,3,4 | Municipal Building Reroofing | 335,000 | (334,885) | (15,115) | (15,000) | 300,000 | 300,000 | - | 100,000 | n/a |
| 1,2,3,4 | Municipal Service Center | 37,600,000 | (1,117,864) | 4,767,864 | 350,000 | 28,600,000 | 5,000,000 | - | - | n/a |
| 1,2,3,4 | Police Academy Improvements | - | - | - | - | - | - | - | - | n/a |
| 1,2,3,4 | Police Facility Improvements | 725,000 | (651,572) | 926,572 | 225,000 | 225,000 | - | - | - | n/a |
| 1,2,3,4 | Public Works Building Improvem | (50,000) | (37,742) | 37,742 | - | - | - | - | (50,000) | n/a |
| Total Change = | | 37,036,967 | (4,371,542) | 8,533,509 | (550,000) | 29,305,000 | 4,940,000 | (510,000) | (310,000) | n/a |

Municipal Building Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY18-FY23 |
|--|-------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1,2,3,4 | ADA Improvements | 375,000 | 400,000 | 425,000 | 450,000 | - | - | 1,650,000 |
| 1,2,3,4 | Armory Improvements | 150,000 | 250,000 | - | - | - | - | 400,000 |
| 1,2,3,4 | Energy Conservation Program | 225,000 | 50,000 | 50,000 | 50,000 | 50,000 | 50,000 | 475,000 |
| 1,2,3,4 | HVAC, Electrical, and Plumbing Imp. | 100,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 1,850,000 |
| 1,2,3,4 | Municipal Building Improvements | 150,000 | 500,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,650,000 |
| 1,2,3,4 | Municipal Building Re-Roofing | 100,000 | 400,000 | 400,000 | 100,000 | 200,000 | 100,000 | 1,300,000 |
| 1,2,3,4 | Municipal Service Center | - | 20,500,000 | 5,000,000 | - | - | 22,500,000 | 48,000,000 |
| 1,2,3,4 | Police Academy Improvements | - | - | 50,000 | 850,000 | - | - | 900,000 |
| 1,2,3,4 | Police Facility Improvements | 300,000 | 300,000 | 75,000 | 75,000 | 75,000 | 75,000 | 900,000 |
| 1,2,3,4 | P.W. Building Improvements | 50,000 | 50,000 | 50,000 | 50,000 | - | - | 200,000 |
| Total G.O. Bonds to be Issued = | | 1,450,000 | 22,800,000 | 6,650,000 | 2,175,000 | 925,000 | 23,325,000 | 57,325,000 |

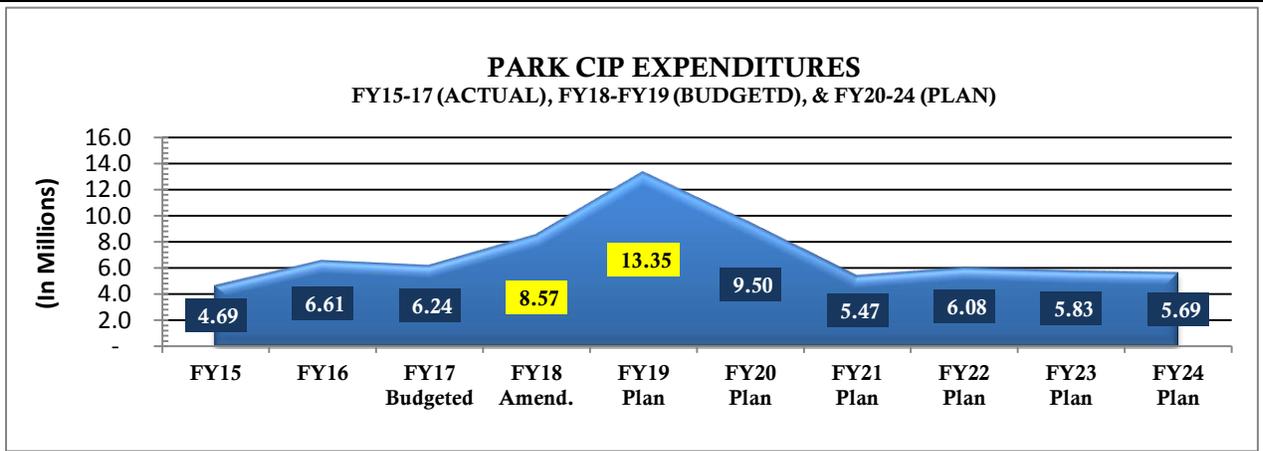
G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY18-FY22 |
|-----------------------|-------------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
| 1,2,3,4 | ADA Improvements | - | - | - | - | (475,000) | - | (475,000) |
| 1,2,3,4 | Armory Improvements | (1,800,000) | (185,000) | (475,000) | (625,000) | - | - | (3,085,000) |
| 1,2,3,4 | Energy Conservation Program | 175,000 | - | - | - | - | 50,000 | 175,000 |
| 1,2,3,4 | HVAC, Electrical, and Plumbing Imp. | (100,000) | 100,000 | 100,000 | 100,000 | 100,000 | 350,000 | 300,000 |
| 1,2,3,4 | Municipal Building Improvements | (105,000) | 225,000 | (25,000) | (25,000) | (25,000) | 250,000 | 45,000 |
| 1,2,3,4 | Municipal Building Re-Roofing | (115,000) | 300,000 | 300,000 | - | 100,000 | 100,000 | 585,000 |
| 1,2,3,4 | Municipal Service Center | - | 20,500,000 | 5,000,000 | - | - | 22,500,000 | 25,500,000 |
| 1,2,3,4 | Police Academy Improvements | - | - | - | - | - | - | - |
| 1,2,3,4 | Police Facility Improvements | 225,000 | 225,000 | - | - | - | 75,000 | 450,000 |
| 1,2,3,4 | P.W. Building Improvements | - | - | - | - | (50,000) | - | (50,000) |
| Total Change = | | (1,720,000) | 21,165,000 | 4,900,000 | (550,000) | (350,000) | 23,325,000 | 23,445,000 |



Park Improvements Summary 2018-19/2023-24 Capital Improvements Program

This category provides for planning, development, major repairs, and preventive maintenance of buildings, grounds, and equipment in the City's: 75 parks, 63 miles of paved multi-use trails, 18 miles of soft surface, Gray's Lake Park, James W. Cownie Sports Complex, Principal Park, Greater Des Moines Softball Park, Simon Estes Amphitheater, two Community Recreation Centers, seven cemeteries, 58 playgrounds, three dog parks, 10 wading pools, four splash pools, nine spraygrounds, five swimming pools and aquatic centers, Birdland Marina, conservation and recreation areas, and much more.



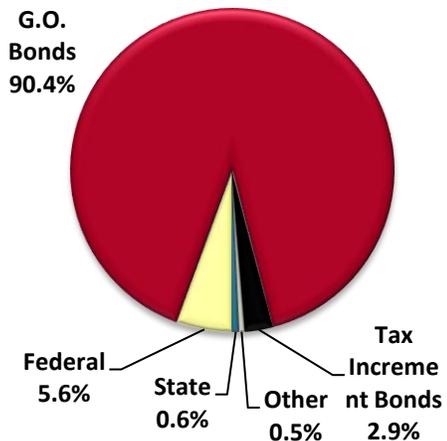
EXPENDITURES

Total expenditures over the six-year period of the plan are **\$49.3 million** averaging \$7.75 million/year. MacRae and Riverview Park Improvements highlight the Park's CIP program for the first few years. Most of the Projects in this section of the CIP are ongoing. Total anticipated expenditures in these projects between FY19 and FY24 are as follows: Cemetery Imp. - \$1.9 million; Community Center Imp. - \$1.15 million; Gray's Lake Park - \$3.9 million (\$2 million for bank stabilization); Park Improvements - \$9.24 million; Park Building Improvements - \$2.3 million; Principal Park - \$1.3 million (TIF Bonds); Multi-Purpose Trails - \$6.7 million; Road (Des Moines River Trail, Phase 2), Road, Sidewalk, and Utility Improvements - \$4.0 million; Sports Complexes - \$1.6 million; Sprayground Improvements - \$2.35 million; Swimming Pool improvements - \$2.3 million; Urban Conservation Projects - \$2.9 million, and Watershed Improvements - 1.4million.

REVENUES

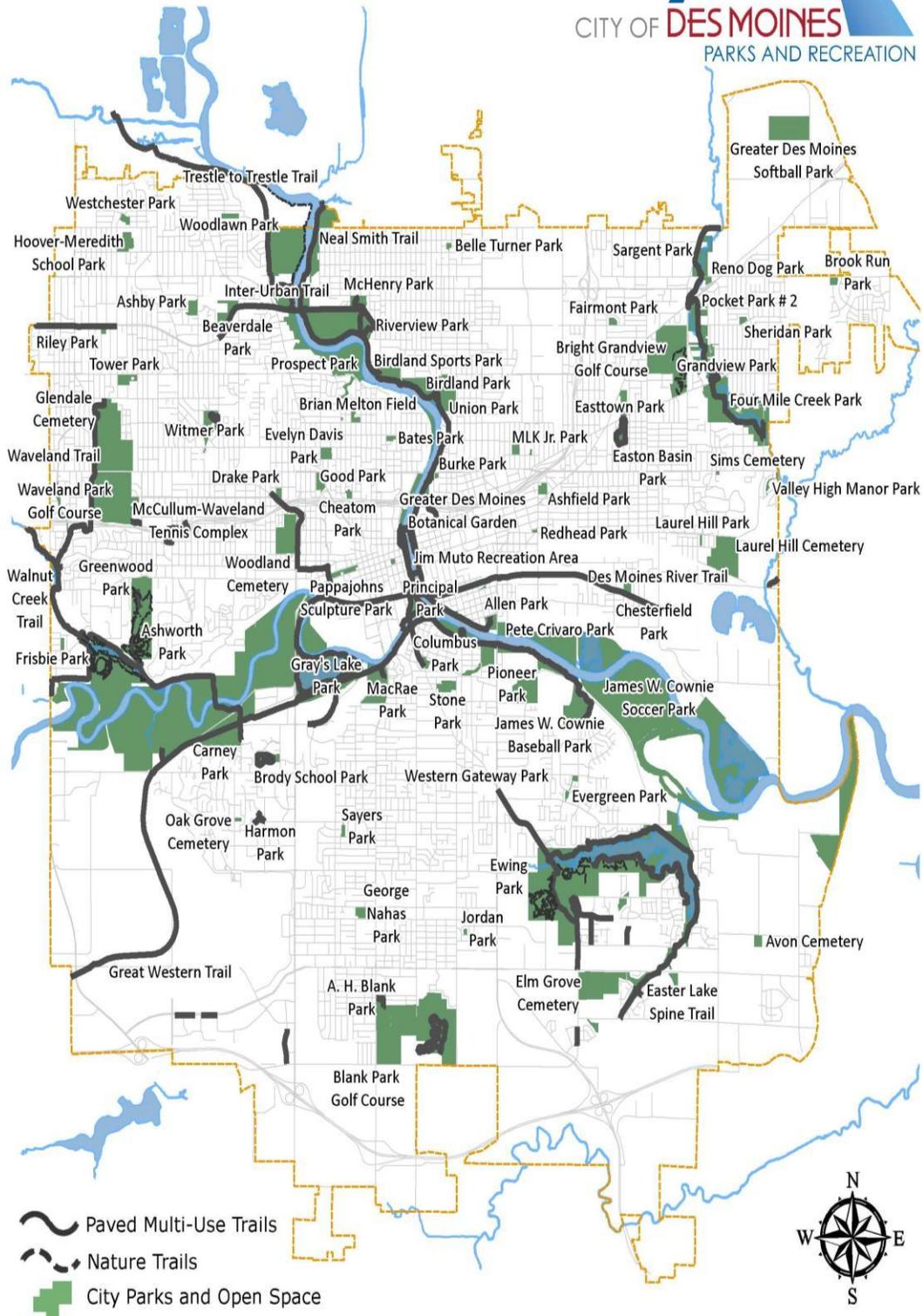
Revenues come from a variety of sources, but mainly from the issuance of G.O. Bonds.

PARKS CIP - FUNDING SOURCES FY 2018-19/2023-2024



**Park Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Parks and Multi-Use Trail Facilities



**Park Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 32,569,000
 Cost Beyond Six-year Period —
 Committed 06-30-2017:

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------|----------------|-----------|------------|------------|-----------|-----------|-----------|-----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 5,615,104 | 4,573,000 | 574,000 | (25,000) | — | — | — |
| Revenues: | | | | | | | | | |
| ARRA - Federal Stimulus | 2,849,000 | 2,849,000 | — | — | — | — | — | — | — |
| Federal | 14,773,960 | 14,173,960 | — | 600,000 | — | — | — | — | — |
| Federal - Pending | 1,700,000 | — | — | — | 700,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| G.O. Bonds Issued | 59,898,666 | 54,263,666 | 5,635,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 37,135,000 | — | — | 8,175,000 | 7,675,000 | 5,035,000 | 5,625,000 | 5,300,000 | 5,325,000 |
| General Fund | — | — | — | — | — | — | — | — | — |
| GDMCF | 1,562,847 | 1,562,847 | — | — | — | — | — | — | — |
| Iowa Cubs | 820,000 | 533,000 | 66,000 | 66,000 | 66,000 | 41,000 | 16,000 | 16,000 | 16,000 |
| Polk County | 275,000 | 275,000 | — | — | — | — | — | — | — |
| Principal Life Insurance Co | 2,500,000 | 2,500,000 | — | — | — | — | — | — | — |
| Private | 3,076,190 | 1,296,190 | 1,530,000 | 250,000 | — | — | — | — | — |
| RISE | 208,385 | 123,453 | 84,932 | — | — | — | — | — | — |
| Sale of Land | 473,193 | 473,193 | — | — | — | — | — | — | — |
| State | 5,366,173 | 4,913,881 | 202,292 | — | 250,000 | — | — | — | — |
| Storm Water Utility Fund | 514,460 | 514,460 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 10,261,285 | 10,261,285 | — | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 1,190,000 | — | — | 260,000 | 210,000 | 170,000 | 185,000 | 265,000 | 100,000 |
| Vision Iowa | 4,000,000 | 4,000,000 | — | — | — | — | — | — | — |
| Other | 809,026 | 689,681 | 119,345 | — | — | — | — | — | — |
| Total Revenue | 147,413,185 | 98,429,616 | 7,637,569 | 9,351,000 | 8,901,000 | 5,496,000 | 6,076,000 | 5,831,000 | 5,691,000 |
| Total Transfers | (370,074) | (260,074) | (110,000) | — | — | — | — | — | — |
| Expenditures | 147,043,111 | 92,554,438 | 8,569,673 | 13,350,000 | 9,500,000 | 5,471,000 | 6,076,000 | 5,831,000 | 5,691,000 |
| Ending Cash Balance | / / / / / | 5,615,104 | 4,573,000 | 574,000 | (25,000) | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 3,935,047 | (3,949,614) | 946,661 | 3,344,000 | 1,874,000 | 270,000 | 885,000 | 565,000 | — |

Park Improvements Cemetery Infrastructure and Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK138 | Cost for Plan Period | 1,700,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 17,227 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 1997 |
| Neighborhood(s): | City-Wide | End Date: | Ongoing |

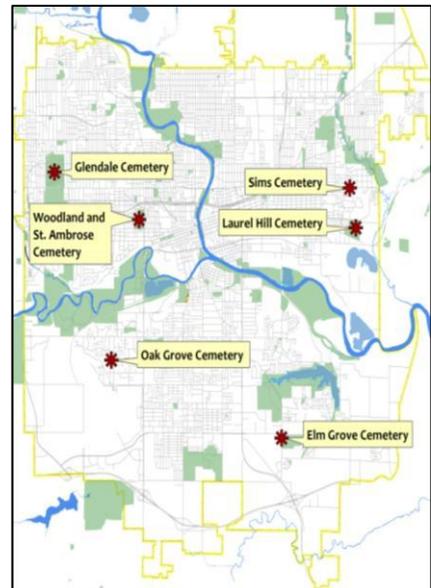
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 218,917 | 100,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| State | — | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 3,569,685 | 3,299,685 | 270,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,850,000 | — | — | 150,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 |
| Sale of Land | 172,500 | 172,500 | — | — | — | — | — | — | — |
| Other | 39,363 | 14,363 | 25,000 | — | — | — | — | — | — |
| Total Revenue | 5,631,548 | 3,486,548 | 295,000 | 150,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 |
| Transfers In (Out): | | | | | | | | | |
| PK175 - Road, Sidewalk, Utilit | (250,000) | — | (250,000) | — | — | — | — | — | — |
| Total Transfers | (250,000) | — | (250,000) | — | — | — | — | — | — |
| Expenditures | 5,381,548 | 3,267,631 | 163,917 | 250,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 |
| Ending Cash Balance | | 218,917 | 100,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 124,250 | (219,667) | (106,083) | (50,000) | — | — | 200,000 | — | n/a |

Description: This project provides for ongoing maintenance, repairs, and improvements to the City's seven cemeteries to maintain them in a safe, functional, and attractive condition. Planned improvements include: FY2018 Laurel Hill Scattering Garden and Infant Section Walk. FY2019 Glendale Abby Restoration - Final Phase. \$25,000/year is planned for monument leveling. Improvements to the roads in cemeteries will be addressed in the Road, Sidewalk, and Utility Improvements project.

Justification: These improvements will encourage cemetery patronage and visitation, increase annual lot sales, reduce annual operation and repair costs, and protect the City's investment in these facilities.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP except for the Glendale Pond Shoreline Improvements project in FY2022.

Operating Budget Effect: None of the proposed projects are anticipated to have a significant impact on the operating budget (G001 - PK200220 - Cemetery).



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Misc Cemetery Improvements | Ongoing |

Park Improvements
Community Recreation Center Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|---------|
| Chart of Accounts | C040PK99 PK033 | Cost for Plan Period | 500,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 36,192 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-Wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (130,417) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 2,799,096 | 2,449,096 | 350,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,150,000 | — | — | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Private | 15,500 | 15,500 | — | — | — | — | — | — | — |
| Total Revenue | 3,964,596 | 2,464,596 | 350,000 | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | |
| PK143 - Park Building Improv | 200,000 | — | 200,000 | — | — | — | — | — | — |
| Total Transfers | 200,000 | — | 200,000 | — | — | — | — | — | — |
| Expenditures | 4,164,596 | 2,595,013 | 419,583 | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Ending Cash Balance | / / / / | (130,417) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 855,500 | 135,917 | 69,583 | 550,000 | — | — | — | — | n/a |

Description: This project provides for building repairs, renovations, and improvements to the Pioneer Columbus, Fourmile, and Chesterfield Community Centers, to include: FY18-FY20 Pioneer Columbus - exterior painting and rehabilitation of plantings; Fourmile - Fire Suppression interior reconfiguration - locker room/multi-purpose room remodel (\$700,000+). Annually, typical improvements include painting, carpeting, mechanical system improvements, miscellaneous structural and/or lighting improvements, gym floor maintenance, ceiling tile repairs, equipment replacement, and furniture.

Justification: These projects are necessary to maintain these assets and keep them up-to date, attract citizen use of the facilities, reduce annual operation and repair costs, and protect the City's investment in these facilities. The Community Recreation Centers have an insured value of over \$18 million.

Explanation of Change in Expenditures: Besides the additional funds for the Fourmile Community recreation Center fire suppression and renovation project, in FY2019, This project has not changed significantly from last year's CIP.

Operating Budget Effect: These projects should help reduce maintenance costs in the operating budgets of the Community Recreation Centers in the General Fund: Four Mile Comm Cntr - PK201267; Pioneer-Columbus - PK201268; Chesterfield - PK201269; Logan - PK201270; and Model City - PK201271, though such affects are expected to be minimal.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Various Community Center Projects | Ongoing |

Park Improvements

Gray's Lake Park Improvements

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK140 | Cost for Plan Period | 1,620,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 9,645 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,136,259 | 1,000,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| GDMCF | 368,572 | 368,572 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 5,659,407 | 5,409,407 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 2,870,000 | — | — | 1,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 |
| Private | 55,000 | 55,000 | — | — | — | — | — | — | — |
| State | 236,321 | 236,321 | — | — | — | — | — | — | — |
| Total Revenue | 9,189,300 | 6,069,300 | 250,000 | 1,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 9,189,300 | 4,933,041 | 386,259 | 2,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | | 1,136,259 | 1,000,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 35,000 | (136,259) | (1,863,741) | 1,785,000 | — | — | — | — | n/a |

Description This project provides for on-going capital improvements and major repairs at Gray's Lake Park. Upcoming projects include major trail repairs and overlay (\$300,000+); landscaping and building improvements, signage, and overall park updates. FY19 includes \$2,000,000 for the critical stabilization and repair work to the earthen berm along the Raccoon River. Future improvements are intended to help modernize the facilities and will be done with the Gray's Lake and Meredith Trail Advisory Committee's assistance through fundraising for priority projects outlined in the recent City Council adopted master plan update.

Justification: Gray's Lake Park is a significant landmark in our system and visible to both citizens and visitors traveling between the Des Moines International Airport and the Downtown area. Funding is necessary in the CIP to maintain this valuable asset and to make improvements to satisfy the demands of the over one million users a year, reduce annual operation and repair costs, and protect the City's investment in these facilities.

Explanation of Change in Expenditures: Besides the additional funds for repairing the earthen berm, this project has not changed significantly from last year's CIP.

Operating Budget Effect: The projects planned in the next few years are not expected to affect the operating department (G001 - PK201262 - Gray's Lake).



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Gray's Lake Earthen Berm Stabilization | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid/ Construction | Construction | Construction | Construction | -- |
| Ongoing Improvements | On-going | On-going | On-going | On-going | On-going | On-going | On-going | On-going | On-going |

Park Improvements
MacRae Park Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|----------|
| Chart of Accounts | C040PK99 PK179 | Cost for Plan Period | 500,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-Wide | End Date: | Dec 2019 |

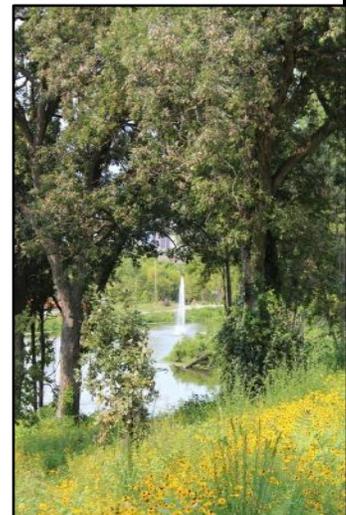
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|------------------|------------------|----------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 58 | 600,000 | 500,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 500,000 | — | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,000,000 | — | — | 1,000,000 | — | — | — | — | — |
| Private | 600,100 | 100 | 600,000 | — | — | — | — | — | — |
| Total Revenue | 2,100,100 | 100 | 1,100,000 | 1,000,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,100,100 | 42 | 500,058 | 1,100,000 | 500,000 | — | — | — | — |
| Ending Cash Balance | // | 58 | 600,000 | 500,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100 | 42 | 58 | — | — | — | — | — | n/a |

Description: This project provides for improvements to MacRae Park, to include: FY2018-19 MacRae Park Overlook. Improvements to the roads will be addressed in the Road, Sidewalk, and Utility Improvements project. Improvements to the pond will be addressed in the Urban Conservation project.

Justification: MacRae Park is one of the city's most historic parks and encompasses a beautiful site just south of downtown. At just over 50 acres, it anchors the north end of the SW 9th Street corridor and is regarded as one gateway to downtown Des Moines. These improvements will restore the site to a place of landmark prominence.

Explanation of Change in Expenditures: Funding in last year's CIP has been allocated more specifically.

Operating Budget Effect: None of the proposed projects are anticipated to have a significant impact on the operating budget, but increased vertical infrastructure will result in an increased level of maintenance. City staff currently takes care of the ground maintenance.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------------|------------|------------|------------|------------------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| MacRae Park Road Reconstruction | Planning | Design | Design | Award Bid/Construction | Construction | Construction | -- | -- | -- |
| EMC Overlook | Design | Design | Design | Award Bid/Construction | Construction | Construction | Closeout | -- | -- |

Park Improvements Multi-Use Trails 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK045 | Cost for Plan Period | 4,750,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 375,874 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 517,570 | 750,000 | 150,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 13,390,807 | 12,425,807 | 965,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 3,700,000 | — | — | 800,000 | 1,000,000 | 400,000 | 500,000 | 500,000 | 500,000 |
| Other | 402,048 | 347,606 | 54,442 | — | — | — | — | — | — |
| Federal | 5,748,830 | 5,148,830 | — | 600,000 | — | — | — | — | — |
| Federal - Pending | 1,700,000 | — | — | — | 700,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| State | 1,533,552 | 1,533,552 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 95,020 | 95,020 | — | — | — | — | — | — | — |
| Polk County | 25,000 | 25,000 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 374,675 | 374,675 | — | — | — | — | — | — | — |
| Total Revenue | 26,969,932 | 19,950,490 | 1,019,442 | 1,400,000 | 1,700,000 | 650,000 | 750,000 | 750,000 | 750,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 26,969,932 | 19,432,920 | 787,012 | 2,000,000 | 1,850,000 | 650,000 | 750,000 | 750,000 | 750,000 |
| Ending Cash Balance | / | 517,570 | 750,000 | 150,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 637,940 | (1,134,072) | (427,988) | 850,000 | 600,000 | — | — | — | n/a |

Description: This project provides for planning, design, development, repair and replacement related to the Des Moines multi-use trail system. The City currently has 63 miles of paved, multi-use trails, 11 trail bridges, over 18 miles of soft surface nature and mountain biking trail, and a designated water trail on the Des Moines River. Planned improvements include: \$100,000+/year for surface maintenance and other improvements. FY18 – Trestle to Trestle Trail repairs. FY2019 - FY2020 Des Moines River Trail, Phase 2.

Justification: The 2015 “Community Attitude and Interest Survey” asked residents to rank their needs of various parks and recreation facilities. Results showed that recreational trails were overwhelmingly the most highly-used, needed, supported, and highly-requested facility. Continued funding is necessary to expand, maintain and enhance this valuable assets of the community.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP other than to add \$300,000 for SW 1st Street Bridge and approaches.

Operating Budget Effect: None of the proposed projects are anticipated to have a significant impact on the operating budget.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------------|------------|------------|-------------------------|-------------------------|---------------------------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Trestle to Trestle Trail | -- | -- | Design; Plans, Specs | Design; Plans, Specs | Design; Plans, Specs/Awar | Construction | -- | -- | -- |
| DM River Trail - Phase 2 | Design | Design | Design; Plans, Specs | Design; Plans, Specs | Award Bid/ Construction | Construction | Construction | Construction | Construction |

Park Improvements
Park Building Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK143 | Cost for Plan Period | 1,825,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 289,716 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 218,588 | 150,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 4,462,440 | 3,862,440 | 600,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 2,150,000 | — | — | 325,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 |
| Other | 53,476 | 13,573 | 39,903 | — | — | — | — | — | — |
| Total Revenue | 6,665,916 | 3,876,013 | 639,903 | 325,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 |
| Transfers In (Out): | | | | | | | | | |
| PK033 - Community Center In | (200,000) | — | (200,000) | — | — | — | — | — | — |
| Total Transfers | (200,000) | — | (200,000) | — | — | — | — | — | — |
| Expenditures | 6,465,916 | 3,657,425 | 508,491 | 475,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 |
| Ending Cash Balance | / / / / / | 218,588 | 150,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 5,425 | (378,066) | (91,509) | 150,000 | — | — | — | — | n/a |

Description: This project provides for maintenance and improvements to many of the existing shelters and restroom buildings within the City's park system. There are 58 shelters (42 can be reserved), and 36 restroom buildings in the park system. Planned projects include: FY18/FY19 - Columbus Park Shelter renovation; FY20/FY21 - Beavertdale Park shelter remodel; FY21/FY22 - Grandview Park remodel. Funding is also provided every year for general improvements and repairs to the buildings in the Park system.

Justification: Improvements are needed to help maintain these assets and continue to encourage park patronage of rental shelters for birthday parties, family reunions and other gatherings. These shelters are a popular option for people engaging with our park system with over 1,500 paid rentals in 2016.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The various projects are not anticipated to have a significant impact on the operating budgets.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|------------|------------|------------|-------------------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Columbus Park Shelter Renovation | Design | Design | Design | Award Bid; Construction | Construction | Construction | -- | -- | -- |
| Miscellaneous Repairs and Enhancements | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

Park Improvements Park Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK137 | Cost for Plan Period | 6,750,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 140,769 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,131,452 | 800,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 13,972,282 | 12,722,282 | 1,250,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 7,350,000 | — | — | 850,000 | 1,500,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 |
| General Fund | — | — | — | — | — | — | — | — | — |
| Other | 289,343 | 289,343 | — | — | — | — | — | — | — |
| Polk County | 50,000 | 50,000 | — | — | — | — | — | — | — |
| Private | 125,311 | 125,311 | — | — | — | — | — | — | — |
| Sale of Land | 300,693 | 300,693 | — | — | — | — | — | — | — |
| State | 550,693 | 300,693 | — | — | 250,000 | — | — | — | — |
| Total Revenue | 22,638,322 | 13,788,322 | 1,250,000 | 850,000 | 1,750,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 |
| Transfers In (Out): | | | | | | | | | |
| PK175 - Park Improvements | (110,000) | — | (110,000) | — | — | — | — | — | — |
| PK182 - Riverview Park - - Site, | (100,000) | — | (100,000) | — | — | — | — | — | — |
| Total Transfers | (210,000) | — | (210,000) | — | — | — | — | — | — |
| Expenditures | 22,428,322 | 12,656,870 | 1,371,452 | 1,650,000 | 1,750,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 |
| Ending Cash Balance | | 1,131,452 | 800,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,237,772 | (833,680) | 121,452 | 250,000 | 450,000 | — | — | — | n/a |

Description: These projects provide upgrades to and renovation of facilities in neighborhood parks: playgrounds, tennis and basketball courts, landscaping, park signage, and other miscellaneous improvements. Projects include: Park Restrooms: FY18/FY19 - Tower, Fairmont, and Sheridan Parks, FY20 - Riverview Park; Park Playgrounds - FY19 - McHenry Park, FY20 MacRae Nature Playscape; FY19-FY24 - \$100,000/year signage implementation, \$60,000/year basketball improvements, \$40,000/year tennis court improvements; \$400,000 is planned over FY2018-FY2019 for the removal of dead, deteriorating or otherwise hazardous trees in City Parks. The Park Comprehensive Plan should be completed in FY2018.

Justification: The infrastructure and equipment in parks deteriorate over time from visitor use and due to weathering. Funding is needed to keep parks safe, clean and welcoming.

Explanation of Change in Expenditures: Funding was added for removal of hazard trees from the parks in FY2019 and \$130,000 for Waveland tennis resurfacing and \$100,00 to improve the hillside east of the Woman of Achievement Bridge.

Operating Budget Effect: The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---|------------|----------------------|----------------------|-------------------------|-----------------------|-----------------------|----------------------|--------------|-----------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Basketball Court Repairs and Enhancements | Planning | Design, Plans, Specs | Design, Plans, Specs | Construction | Construction Planning | Construction ; Design | Design, Plans, Specs | Construction | Construction Planning |
| Playground Repairs and Enhancements | Planning | Design, Plans, Specs | Design, Plans, Specs | Construction | Construction Planning | Construction ; Design | Design, Plans, Specs | Construction | Construction Planning |
| Tower, Sheridan, Fairmont Restrooms | Planning | Design, Plans, Specs | Design, Plans, Specs | Award Bid/ Construction | Construction | Construction | -- | -- | -- |

Park Improvements Principal Park 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK132 | Cost for Plan Period | 1,009,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 71,811 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 775,881 | (127,000) | (76,000) | (25,000) | — | — | — |
| Revenues: | | | | | | | | | |
| Iowa Cubs | 820,000 | 533,000 | 66,000 | 66,000 | 66,000 | 41,000 | 16,000 | 16,000 | 16,000 |
| Other | 690 | 690 | — | — | — | — | — | — | — |
| Principal Life Insurance Co | 2,500,000 | 2,500,000 | — | — | — | — | — | — | — |
| State | 950,000 | 950,000 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 7,501,707 | 7,501,707 | — | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 1,190,000 | — | — | 260,000 | 210,000 | 170,000 | 185,000 | 265,000 | 100,000 |
| Total Revenue | 12,962,397 | 11,485,397 | 66,000 | 326,000 | 276,000 | 211,000 | 201,000 | 281,000 | 116,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 12,962,397 | 10,709,516 | 968,881 | 275,000 | 225,000 | 186,000 | 201,000 | 281,000 | 116,000 |
| Ending Cash Balance | | 775,881 | (127,000) | (76,000) | (25,000) | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 981,000 | (525,881) | 802,881 | 159,000 | 109,000 | 70,000 | 85,000 | 165,000 | n/a |

Description: Principal Park is one of the oldest, yet one of the best, stadiums in the AAA baseball division. Over \$8 million of improvements have been made to this facility in the past ten years, but continuing efforts are desired to update and modernize the facility. Planned projects include: FY18 - Batting Cage Improvements; FY19 Painting of exterior surfaces (\$250,000); FY2020 - Outfield Deck Surface Replacement (\$150,000); FY2021 - Cub Club Roof (\$110,000). Monies are also provided to annual repairs and improvements that will be needed from time to time.

Justification: The City is required to maintain the existing facility under the terms of the existing lease agreement (RC - 04-1812).

Explanation of Change in Expenditures: Funding has been added to accommodate the needs of this facility.

Operating Budget Effect: The operating budget for this facility is the responsibility of the Greater Des Moines Baseball Company.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Misc Improvements/Major Repairs | Ongoing |

Park Improvements Riverview Park - Earthwork and Stage 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|----------|
| Chart of Accounts | C040PK99 PK181 | Cost for Plan Period | — |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-Wide | End Date: | Dec 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|------------------|-------------|----------------|------------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds to Be Issued | 900,000 | — | — | 900,000 | — | — | — | — | — | — |
| Private | 600,000 | — | 350,000 | 250,000 | — | — | — | — | — | — |
| Total Revenue | 1,500,000 | — | 350,000 | 1,150,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| PK137 - Park Improvements | 100,000 | — | 100,000 | — | — | — | — | — | — | — |
| Total Transfers | 100,000 | — | 100,000 | — | — | — | — | — | — | — |
| Expenditures | 1,600,000 | — | 450,000 | 1,150,000 | — | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (900,000) | — | 450,000 | 650,000 | — | — | — | — | — | n/a |

Description: This project provides for the design and construction of a new concert stage at Riverview Park and site-wide earthwork to supplement the already well-suited site for events, programs and general park use. In-kind contributions of approximately \$800,000 (from Polk County Conservation Board and Iowa Department of Natural Resources) will fund transporting soil to the site to improve drainage.

Justification: For several years, Parks Area Foundation (PAF) has been working closely with City staff to plan for the revitalization of Riverview Park, a former amusement park that is now City-owned land. PAF invested their own funds to hire a local architecture firm to design the outdoor stage venue and committed to fundraising for a portion of construction, with the City funding the remaining elements.

Explanation of Change in Expenditures: Funding in last year's CIP has been allocated more specifically for site-wide improvements.

Operating Budget Effect: None of the proposed projects are anticipated to have a significant impact on the operating budget, but increased vertical infrastructure will result in an increased level of maintenance. City staff currently takes care of the ground maintenance.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------|------------------|------------|-----------------------|-----------------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Riverview Park Imp | Prelim. Planning | Design | In-Kind Dirt Delivery | In-Kind Dirt Delivery | Construction | Construction | Construction | Construction | Closeout |

Park Improvements
Riverview Park - Site, Plaza and Shelter
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK182 | Cost for Plan Period | 1,400,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-Wide | End Date: | Dec 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|---|-------------|----------|----------------|------------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to Be Issued | 1,500,000 | — | — | 100,000 | 1,400,000 | — | — | — | — |
| Private | — | — | — | — | — | — | — | — | — |
| Total Revenue | 1,500,000 | — | — | 100,000 | 1,400,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,500,000 | — | — | 100,000 | 1,400,000 | — | — | — | — |
| Ending Cash Balance |  | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,500,000 | — | — | (1,400,000) | 900,000 | — | — | — | n/a |

Description: This project provides for the design and construction of a new rental shelter, site history and donor recognition plaza, historic lighting, path system with direct connections to the Des Moines trail system, donor-funded inclusive playground and other site-wide improvements. In-kind contributions of approximately \$500,000 (from Variety – The Children’s Charity of Iowa) will fund the construction of the inclusive playground.

Justification: Riverview Park has the potential to be a regional destination for a wide variety of park and recreation uses. The improvements described will further enhance the City’s ability to serve the greatest number of citizens through a diverse array of improvements that also highlight the Riverview Park’s unique place in history.

Explanation of Change in Expenditures: Funding in last year's CIP has been allocated more specifically for site-wide improvements.

Operating Budget Effect: None of the proposed projects are anticipated to have a significant impact on the operating budget, but increased vertical infrastructure will result in an increased level of maintenance. City staff currently takes care of the ground maintenance.



| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--------------------|------------|------------|------------|----------------------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Riverview Park Imp | Design | Design | Design | Award Bid; Construction | Construction | Construction | Construction | Construction | Closeout |

Park Improvements Principal Riverwalk 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|---------|
| Chart of Accounts | C040PK99 PK162 | Cost for Plan Period | — |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 70,911 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 9,025,130 | 9,025,130 | — | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| State | 1,525,988 | 1,525,988 | — | — | — | — | — | — | — |
| GDMCF | 1,194,275 | 1,194,275 | — | — | — | — | — | — | — |
| ARRA - Federal Stimulus | 2,849,000 | 2,849,000 | — | — | — | — | — | — | — |
| Private | 350,488 | 350,488 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 252,500 | 252,500 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 2,384,903 | 2,384,903 | — | — | — | — | — | — | — |
| Vision Iowa | 4,000,000 | 4,000,000 | — | — | — | — | — | — | — |
| Total Revenue | 23,082,284 | 21,582,284 | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 23,082,284 | 21,511,373 | 70,911 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | | 70,911 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,500,000 | (70,911) | 70,911 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | n/a |

Description: In 2003, the Principal Financial Group announced that it would be building a river walk as a gift to the City of Des Moines in celebration of its 125th anniversary. On October 7, 2013, a grand opening event took place in celebration of the completion of numerous facilities that had been built as components of the Principal Riverwalk, which now allows visitors to walk, run, bike, ice skate and enjoy other leisure activities in a beautiful and natural outdoor setting along the banks of the Des Moines and Raccoon Rivers in downtown Des Moines. The remaining funds will be used from miscellaneous improvements/repairs that may be needed. Over the course of the next year, the city's goal will to be develop a spending and funding alternatives to help make improvements to this park. \$250,000/year has been added for balustrade repairs.

Justification: This project has provided outstanding recreational amenities downtown for years to come at very little cost to the tax payers of Des Moines thanks to funding from the Principal Life Insurance, Vision Iowa, Federal and State grants, and private donations.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP document, except for the funding for balustrade repairs.

Operating Budget Effect: The funding the maintenance of the grounds if funded by the Downtown SSMID.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Misc Improvements/Repairs | Ongoing |

Park Improvements Road, Sidewalk, and Utility Improvements - Parks 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK175 | Cost for Plan Period | 3,250,000 |
| Department Responsible: | Parks | Cost Beyond Six-year Period | — |
| General Category: | Buildings - New/Expansion | Committed 06-30-2017: | 274,161 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

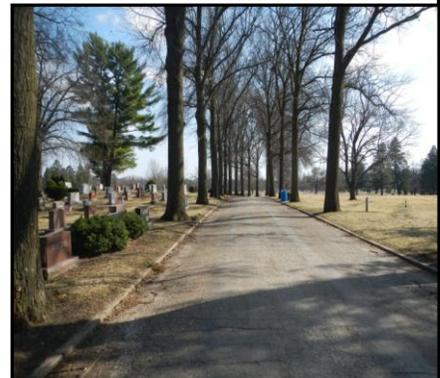
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (328,126) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 2,927,207 | 2,427,207 | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 4,000,000 | — | — | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 |
| Storm Water Utility Fund | 107,940 | 107,940 | — | — | — | — | — | — | — |
| Other | 550 | 550 | — | — | — | — | — | — | — |
| Total Revenue | 7,035,697 | 2,535,697 | 500,000 | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 |
| Transfers In (Out): | | | | | | | | | |
| ST217 - Special City-Wide Pav | (260,074) | (260,074) | — | — | — | — | — | — | — |
| BR003 - City-Wide Bridges | (110,000) | — | (110,000) | — | — | — | — | — | — |
| PK137 - Park Improvements | 110,000 | — | 110,000 | — | — | — | — | — | — |
| PK138 - Cemetery Improvement | 250,000 | — | 250,000 | — | — | — | — | — | — |
| Total Transfers | (10,074) | (260,074) | 250,000 | — | — | — | — | — | — |
| Expenditures | 7,025,623 | 2,603,749 | 421,874 | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 |
| Ending Cash Balance | | (328,126) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,122,000 | 450,126 | (78,126) | 200,000 | (50,000) | (50,000) | (50,000) | (50,000) | n/a |

Description: This project provides for upgrade, renovation, and restoration of parking lots, roads, sidewalks and utilities within the cemetery, park and open space systems. There are nearly 20 miles of park and cemetery roads. Planned projects include: FY18 Glendale Cemetery Roads, FY19 MacRae Park Roads, FY20 Glendale Cemetery Roads.

Justification: The infrastructure in the cemetery, park and open space system has deteriorated over time from visitor use, weathering, and lack of adequate maintenance. Funding is needed to keep these properties safe, reduce annual operation and repair costs, and protect the City's investment in these facilities.

Explanation of Change in Expenditures: Funding in this project was increased to accommodate additional needed repairs to park and cemetery roads. These timely repairs are a more cost effective approach than deferring maintenance to the point of full replacement needs.

Operating Budget Effect: The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------------|--------------|------------|----------------------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Glendale Cemetery Road Imp. | Construction | Design | Award Bid/ Construction | Construction | Construction | Construction | -- | -- | -- |

Park Improvements Sports Complexes 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|---------|
| Chart of Accounts | C040PK99 PK176 | Cost for Plan Period | — |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 394,240 | 200,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 930,000 | 830,000 | 100,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,350,000 | — | — | 250,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 |
| Polk County | 200,000 | 200,000 | — | — | — | — | — | — | — |
| Private | 1,050,000 | 550,000 | 500,000 | — | — | — | — | — | — |
| RISE | 208,385 | 123,453 | 84,932 | — | — | — | — | — | — |
| Total Revenue | 3,738,385 | 1,703,453 | 684,932 | 250,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,738,385 | 1,309,213 | 879,172 | 450,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 |
| Ending Cash Balance | | 394,240 | 200,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Y | 1,350,000 | (479,172) | 779,172 | 350,000 | — | — | 200,000 | 200,000 | n/a |

Description: This project provides for the planning, design, development, repair, and maintenance related to baseball, soccer, softball, and tennis complexes. Improvements include: FY18/FY19 - Cownie Sports Complex Entry Signs (\$500,000 - Donated Funds); FY18/FY19 - Cownie Soccer Expansion Study; FY19 - Cownie Baseball Paving and Fencing (\$500,000). In FY2022-FY2024 - \$200,000/year has been added for LED Lighting Conversions.

Justification: These sports complexes not only serve a recreation need for the local residents, they also bring in baseball, soccer, softball, and tennis tournaments bolstering the City's economy and adding to our overall status as a tourism destination.

Explanation of Change in Expenditures: \$300,000 has been added in FY2019 for Cownie Soccer expansion study and \$200,000 a year has been added in FY2022-FY2024 for LED lighting upgrades.

Operating Budget Effect: The proposed projects in the next few years are not expected to significantly affect the operating budgets. The operating budgets are reimbursed for City Staff work on these projects. Some utility savings are expected due to the LED lighting upgrades planned for FY22-FY24.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Miscellaneous Repairs and Enhancements | Ongoing |

Park Improvements Sprayground Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK034 | Cost for Plan Period | 1,750,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 381,794 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 348,647 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 4,521,842 | 4,421,842 | 100,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 2,350,000 | — | — | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Grants - Development | — | — | — | — | — | — | — | — | — |
| Private | 279,791 | 199,791 | 80,000 | — | — | — | — | — | — |
| Total Revenue | 7,151,633 | 4,621,633 | 180,000 | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 7,151,633 | 4,272,986 | 528,647 | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Ending Cash Balance | | 348,647 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 350,000 | (428,647) | 428,647 | — | — | — | — | — | n/a |

Description: This project provides for the on-going capital improvements and major repairs to ten wading pools, four splash pools, two fountains and six spraygrounds operating in parks across the City. As funding allows, wading pools are being replaced with spraygrounds. This reduces operating costs for the program and increases service to the citizens of Des Moines by allowing longer operating hours without the need to staff spraygrounds. Projects include: FY18/FY19 Tower Park and Sheridan Park spraygrounds (\$550,000); FY19 Jordan Park sprayground (\$350,000). One Sprayground is planned to be constructed each year with prioritization being reviewed annually.

Justification: These aging wading pools must be repaired and replaced to meet current health and safety standards and to provide improved recreational services to residents.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The operating costs of the wading pools are expected to impact the operating budget especially due to extended hours as requested by neighborhoods, but operating costs will be reduced by replacing wading pools with spraygrounds.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------------|----------------------|----------------------|----------------------|-------------------------|----------------------|----------------------|-------------------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Tower and Sheridan Park | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Construction | Construction | -- | -- | -- |
| Jordan Park | -- | -- | -- | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Construction | Construction |

Park Improvements Swimming Pools and Aquatic Infrastructure 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK153 | Cost for Plan Period | 1,715,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 13,428 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 749,645 | 500,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 4,271,089 | 3,971,089 | 300,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,815,000 | — | — | 100,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Other | 3,444 | 3,444 | — | — | — | — | — | — | — |
| Total Revenue | 6,089,533 | 3,974,533 | 300,000 | 100,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 6,089,533 | 3,224,888 | 549,645 | 600,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Ending Cash Balance | / | 749,645 | 500,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 315,000 | (749,645) | 249,645 | 300,000 | 215,000 | — | — | — | n/a |

Description: This project provides for annual repair and major replacement costs for the three aquatic centers and two swimming pools. This will include plumbing repairs, mechanical systems replacements, caulking, pool painting, water slide and pool furniture replacements necessary to keep pools in good working order. Major projects include: FY2018 - Birdland Filer (\$300,000), Nahas - Plunge Pool filter (\$100,000, Security Cameras/Improvements (\$80,000); FY2019 - Roofing Repairs (\$100,000), Birdland Shade Structures (\$50,000); Lighting Code Compliance (\$50,000). FY19-FY24 miscellaneous repairs and replacements to keep pools in good working order until an updated plan for the facilities can be completed. A \$215,000 Aquatic Evaluation is budgeted in FY2020.

Justification: Funding in this project is necessary to maintain these assets and keep them up-to date. The three aquatic centers were renovated in the early 1990's, the two swimming pools are also in need of repair, replacement, and renovation work as they were last rebuilt in the 1980's. In 2017, the five facilities had 114,404 visits.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: Renovation of the existing pools should help to reduce expenses in the operating budget. - G001 - PK201261 - PK Pools.



| WORKPLAN | FY 2018 |
|--------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Repairs and Replacements | Ongoing |

Park Improvements Urban Conservation Projects 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK167 | Cost for Plan Period | 2,200,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | 4,874 |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 511,479 | 600,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 2,794,811 | 2,444,811 | 350,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 2,300,000 | — | — | 100,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 |
| State | 569,619 | 367,327 | 202,292 | — | — | — | — | — | — |
| Storm Water Utility Fund | 59,000 | 59,000 | — | — | — | — | — | — | — |
| Other | 20,112 | 20,112 | — | — | — | — | — | — | — |
| Total Revenue | 5,743,542 | 2,891,250 | 552,292 | 100,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 5,743,542 | 2,379,771 | 463,771 | 700,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 |
| Ending Cash Balance | | 511,479 | 600,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 300,000 | (713,771) | 113,771 | 300,000 | — | — | 200,000 | — | n/a |

Description: This project provides funding for promoting more responsible, ecologically based park management practices. An Urban Conservation Advisory Committee, a sub-committee of the Parks and Recreation Board, has been established to assist staff in prioritizing these projects which range from park management plans, interpretive signage at natural areas, water quality study of our ponds, and natural landscape plans. Major projects include: FY19 MacRae Pond Dredging, FY20 Waveland Pond Dredging. FY18-FY23 includes - \$50,000/year for pond and creek shoreline restorations.

Justification: The protection and restoration of the nature areas within our parks will make them more inviting and dynamic for our park users. The use of natives will decrease our mowing in the parks, decrease the use of chemicals and improve water quality in its watershed.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: Establishing natural landscapes and no-mow areas within the Park system through implementation of native planting plans will reduce park mowing costs, while protecting and preserving the city's ecosystems.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------|----------------------|----------------------|----------------------|----------------------|----------------------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Maccare Pond Dredging | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Plans, Specs/ Award Bid | Construction | Construction | Construction | Construction |
| Land Restoration | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing | Ongoing |

Park Improvements
Watershed Park Amenities
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-------------------------------|-----------|
| Chart of Accounts | C040PK99 PK180 | Cost for Plan Period | 1,250,000 |
| Department Responsible: | Park and Recreation | Cost Beyond Six-year Period | — |
| General Category: | Recreation/Culture - New/Expansion, Repair & Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Neighborhoods, Opportunities for Leisure PlanDSM Pages 54-59 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-Wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 100,000 | — | 100,000 | — | — | — | — | — | — |
| G.O. Bonds to Be Issued | 1,350,000 | — | — | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Revenue | 1,450,000 | — | 100,000 | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,450,000 | — | 100,000 | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 100,000 | — | — | (150,000) | — | — | — | — | n/a |

Description: This project provides for the improvement of parks and open space areas within the City of Des Moines' designated watershed management authority areas. Currently, this includes the Four Mile and Walnut Creek watersheds. The master plan is complete for the Fourmile Creek greenway and funding will be utilized to implement the priorities that result from that planning process.

Justification: Watershed Management work will lead to healthier ecosystems, help reduce maintenance costs, improved habitat, increase citizen's access to these waterways and greenways, and protect existing investments (such as our recreational trail system) from impending damage.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The proposed projects in the next few years are not expected to significantly affect the operating budgets.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------|------------|----------------------------|--------------|--------------|--------------|------------|------------|----------------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Ongoing | Design | Award Bid; Construction | Construction | Construction | Construction | Design | Design | Award Bid; Construction | Construction |

Park Improvements

2018-19/2023-24 Capital Improvements Program

Expenditures

| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | BUDGET | | PLAN | | | | |
|-----------------------------|-------------------------------------|--------------------|-------------------|------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| | | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Cemetery Infrastructure and Imp. | 5,381,548 | 3,267,631 | 163,917 | 250,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 |
| 1,2,3,4 | Community Center Improvements | 4,164,596 | 2,595,013 | 419,583 | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| 1,2,3,4 | Gray's Lake Park Improvements | 9,189,300 | 4,933,041 | 386,259 | 2,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 |
| 1,2,3,4 | MacRae Park Improvements | 2,100,100 | 42 | 500,058 | 1,100,000 | 500,000 | - | - | - | - |
| 1,2,3,4 | Multi-Use Trails | 26,969,932 | 19,432,920 | 787,012 | 2,000,000 | 1,850,000 | 650,000 | 750,000 | 750,000 | 750,000 |
| 1,2,3,4 | Park Improvements | 22,428,322 | 12,656,870 | 1,371,452 | 1,650,000 | 1,750,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 |
| 1,2,3,4 | Park Building Improvements | 6,465,916 | 3,657,425 | 508,491 | 475,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 |
| 1,2,3,4 | Principal Park | 12,962,397 | 10,709,516 | 968,881 | 275,000 | 225,000 | 186,000 | 201,000 | 281,000 | 116,000 |
| 1,2,3,4 | Riverview Park - Earthwork and Sta | 1,600,000 | - | 450,000 | 1,150,000 | - | - | - | - | - |
| 1,2,3,4 | Riverview Park - Site, Plaza and Sh | 1,500,000 | - | - | 100,000 | 1,400,000 | - | - | - | - |
| 1,2,3,4 | Riverwalk | 23,082,284 | 21,511,373 | 70,911 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| 1,2,3,4 | Road, Sidewalk, and Utility Imp. | 7,025,623 | 2,603,749 | 421,874 | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 |
| 1,2,3,4 | Sports Complexes | 3,738,385 | 1,309,213 | 879,172 | 450,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 |
| 1,2,3,4 | Sprayground Improvements | 7,151,633 | 4,272,986 | 528,647 | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| 1,2,3,4 | Swimming Pools/Aquatic Infra. | 6,089,533 | 3,224,888 | 549,645 | 600,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| 1,2,3,4 | Urban Conservation Projects | 5,743,542 | 2,379,771 | 463,771 | 700,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 |
| 1,2,3,4 | Watershed Park Amenities | 1,450,000 | - | 100,000 | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Expenditures = | | 147,043,111 | 92,554,438 | 8,569,673 | 13,350,000 | 9,500,000 | 5,471,000 | 6,076,000 | 5,831,000 | 5,691,000 |

Park Improvements

2018-19/2023-24 Capital Improvements Program

Change in Expenditures from Last Year's Document

| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | BUDGET | | PLAN | | | | |
|-----------------------|-------------------------------------|------------------|--------------------|----------------|------------------|------------------|----------------|----------------|----------------|----------|
| | | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Cemetery Infrastructure and Imp. | (175,750) | (219,667) | (106,083) | (50,000) | - | - | 200,000 | - | n/a |
| 1,2,3,4 | Community Center Improvements | 755,500 | 135,917 | 69,583 | 550,000 | - | - | - | - | n/a |
| 1,2,3,4 | Gray's Lake Park Improvements | (215,000) | (136,259) | (1,863,741) | 1,785,000 | - | - | - | - | n/a |
| 1,2,3,4 | MacRae Park Improvements | 100 | 42 | 58 | - | - | - | - | - | n/a |
| 1,2,3,4 | Multi-Use Trails | (112,060) | (1,134,072) | (427,988) | 850,000 | 600,000 | - | - | - | n/a |
| 1,2,3,4 | Park Improvements | (12,228) | (833,680) | 121,452 | 250,000 | 450,000 | - | - | - | n/a |
| 1,2,3,4 | Park Building Improvements | (319,575) | (378,066) | (91,509) | 150,000 | - | - | - | - | n/a |
| 1,2,3,4 | Principal Park | 865,000 | (525,881) | 802,881 | 159,000 | 109,000 | 70,000 | 85,000 | 165,000 | n/a |
| 1,2,3,4 | Riverview Park - Earthwork and Sta | 1,600,000 | - | 450,000 | 1,150,000 | - | - | - | - | n/a |
| 1,2,3,4 | Riverview Park - Site, Plaza and Sh | (500,000) | - | - | (1,400,000) | 900,000 | - | - | - | n/a |
| 1,2,3,4 | Riverwalk | 1,250,000 | (70,911) | 70,911 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | n/a |
| 1,2,3,4 | Road, Sidewalk, and Utility Imp. | 372,000 | 450,126 | (78,126) | 200,000 | (50,000) | (50,000) | (50,000) | (50,000) | n/a |
| 1,2,3,4 | Sports Complexes | 1,050,000 | (479,172) | 779,172 | 350,000 | - | - | 200,000 | 200,000 | n/a |
| 1,2,3,4 | Sprayground Improvements | - | (428,647) | 428,647 | - | - | - | - | - | n/a |
| 1,2,3,4 | Swimming Pools/Aquatic Infra. | 15,000 | (749,645) | 249,645 | 300,000 | 215,000 | - | - | - | n/a |
| 1,2,3,4 | Urban Conservation Projects | (100,000) | (713,771) | 113,771 | 300,000 | - | - | 200,000 | - | n/a |
| 1,2,3,4 | Watershed Park Amenities | (150,000) | - | - | (150,000) | - | - | - | - | n/a |
| Total Change = | | 4,322,987 | (5,083,686) | 518,673 | 4,694,000 | 2,474,000 | 270,000 | 885,000 | 565,000 | - |

Park Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY19-FY24 |
|--|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1,2,3,4 | Cemetery Infrastructure | 150,000 | 300,000 | 300,000 | 500,000 | 300,000 | 300,000 | 1,850,000 |
| 1,2,3,4 | Community Center Improvements | 650,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 1,150,000 |
| 1,2,3,4 | Gray's Lake Park | 1,250,000 | 435,000 | 435,000 | 250,000 | 250,000 | 250,000 | 2,870,000 |
| 1,2,3,4 | MacRae Park | 1,000,000 | - | - | - | - | - | 1,000,000 |
| 1,2,3,4 | Multi-Use Trails | 800,000 | 1,000,000 | 400,000 | 500,000 | 500,000 | 500,000 | 3,700,000 |
| 1,2,3,4 | Park Building Improvements | 325,000 | 525,000 | 325,000 | 325,000 | 325,000 | 325,000 | 2,150,000 |
| 1,2,3,4 | Park Improvements | 850,000 | 1,500,000 | 1,225,000 | 1,250,000 | 1,275,000 | 1,250,000 | 7,350,000 |
| 1,2,3,4 | Riverview Park - Earthwork and Stage | 900,000 | - | - | - | - | - | 900,000 |
| 1,2,3,4 | Riverview Park - Site, Plaza and Shelter | 100,000 | 1,400,000 | - | - | - | - | 1,500,000 |
| 1,2,3,4 | Riverwalk | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,500,000 |
| 1,2,3,4 | Road, Sidewalk, and Utility Improvements - Parks | 750,000 | 550,000 | 600,000 | 650,000 | 700,000 | 750,000 | 4,000,000 |
| 1,2,3,4 | Sports Complexes | 250,000 | 100,000 | 100,000 | 300,000 | 300,000 | 300,000 | 1,350,000 |
| 1,2,3,4 | Sprayground Improvements | 600,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 2,350,000 |
| 1,2,3,4 | Swimming Pool and Aquatic Improvements | 100,000 | 515,000 | 300,000 | 300,000 | 300,000 | 300,000 | 1,815,000 |
| 1,2,3,4 | Urban Conservation Projects | 100,000 | 400,000 | 400,000 | 600,000 | 400,000 | 400,000 | 2,300,000 |
| 1,2,3,4 | Watershed Park Amenities | 100,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,350,000 |
| Total G.O. Bonds to be Issued = | | 8,175,000 | 7,675,000 | 5,035,000 | 5,625,000 | 5,300,000 | 5,325,000 | 37,135,000 |

Park Improvements

2018-19/2023-24 Capital Improvements Program

G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY19-FY23 |
|-----------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
| 1,2,3,4 | Cemetery Infrastructure | (150,000) | - | - | 200,000 | - | - | 50,000 |
| 1,2,3,4 | Community Center Improvements | 550,000 | - | - | - | - | 100,000 | 550,000 |
| 1,2,3,4 | Gray's Lake Park | 785,000 | - | - | - | - | 250,000 | 785,000 |
| 1,2,3,4 | MacRae Park | - | - | - | - | - | - | - |
| 1,2,3,4 | Multi-Use Trails | (100,000) | - | - | - | - | 500,000 | (100,000) |
| 1,2,3,4 | Park Building Improvements | - | - | - | - | - | 325,000 | - |
| 1,2,3,4 | Park Improvements | (550,000) | 200,000 | - | - | - | 1,250,000 | (350,000) |
| 1,2,3,4 | Riverview Park - Earthwork and Stage | 400,000 | (2,000,000) | - | - | - | - | (1,600,000) |
| 1,2,3,4 | Riverview Park - Site, Plaza and Shelter | 100,000 | 1,400,000 | - | - | - | - | 1,500,000 |
| 1,2,3,4 | Riverwalk | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 1,250,000 |
| 1,2,3,4 | Road, Sidewalk, and Utility Improvements - Parks | 200,000 | (50,000) | (50,000) | (50,000) | (50,000) | 750,000 | - |
| 1,2,3,4 | Sports Complexes | 150,000 | - | - | 200,000 | 200,000 | 300,000 | 550,000 |
| 1,2,3,4 | Sprayground Improvements | - | - | - | - | - | 350,000 | - |
| 1,2,3,4 | Swimming Pool and Aquatic Improvements | (200,000) | 215,000 | - | - | - | 300,000 | 15,000 |
| 1,2,3,4 | Urban Conservation Projects | (300,000) | - | - | 200,000 | - | 400,000 | (100,000) |
| 1,2,3,4 | Watershed Park Amenities | (150,000) | - | - | - | - | 250,000 | (150,000) |
| Total Change = | | 985,000 | 15,000 | 200,000 | 800,000 | 400,000 | 5,025,000 | 2,400,000 |

Park Improvements

2018-19/2023-24 Capital Improvements Program

TIF BACKED G.O. BONDS TO BE ISSUED

| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | Total FY19-FY24 |
|---------|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 1,2,3,4 | Principal Park | 260,000 | 210,000 | 170,000 | 185,000 | 265,000 | 100,000 | 1,190,000 |
| | Total Proposed TIF Bonds to be Issued = | 260,000 | 210,000 | 170,000 | 185,000 | 265,000 | 100,000 | 1,190,000 |

TIF BACKED G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED)

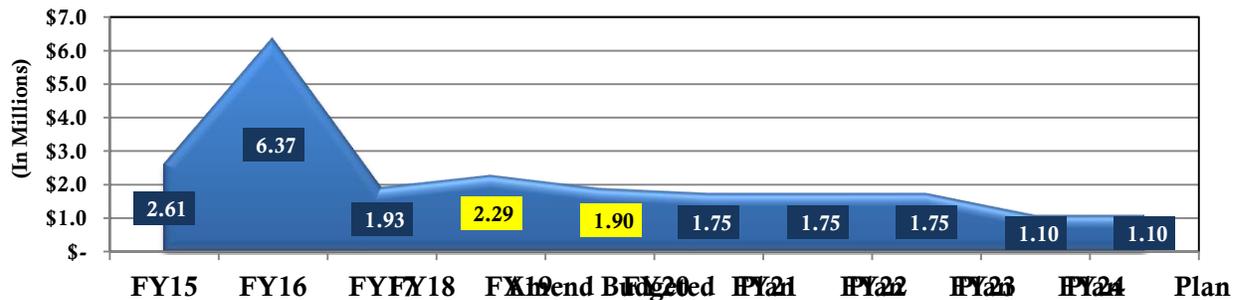
| Ward | PROJECT | YEAR 1 2018-19 | YEAR 2 2019-20 | YEAR 3 2020-21 | YEAR 4 2021-22 | YEAR 5 2022-23 | YEAR 6 2023-24 | TOTAL CHANGE FY19-FY23 |
|---------|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------------|
| 1,2,3,4 | Principal Park | 160,000 | 110,000 | 70,000 | 85,000 | 165,000 | - | 590,000 |
| | Total Change = | 160,000 | 110,000 | 70,000 | 85,000 | 165,000 | - | 590,000 |



Parking Improvements Summary 2018-19/2023-24 Capital Improvements Program

This category includes projects for the design and construction of new municipal parking ramps and lots, and for major repairs to the existing Municipal Parking System which includes: over 4,480 stalls in the City's five parking garages, 1,815 stalls in one Park and Ride garage, 68 spaces on two surfaced lots, and almost 4,000 on-street metered spaces. **The insured value of the City's six parking garages is over \$85 million.**

PARKING CIP EXPENDITURES FY15- 17 (ACTUAL), FY18-FY19 (BUDGETED), & FY20-24 (PLAN)



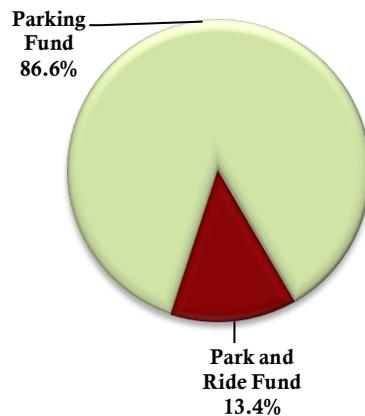
EXPENDITURES

\$9,350,000 is planned to be spent between FY2019 and FY2024 on improvements to the parking system. Funding has been increased significantly in the past few years to provide funding to address needs identified in a facility needs assessment completed in the fall of 2017.

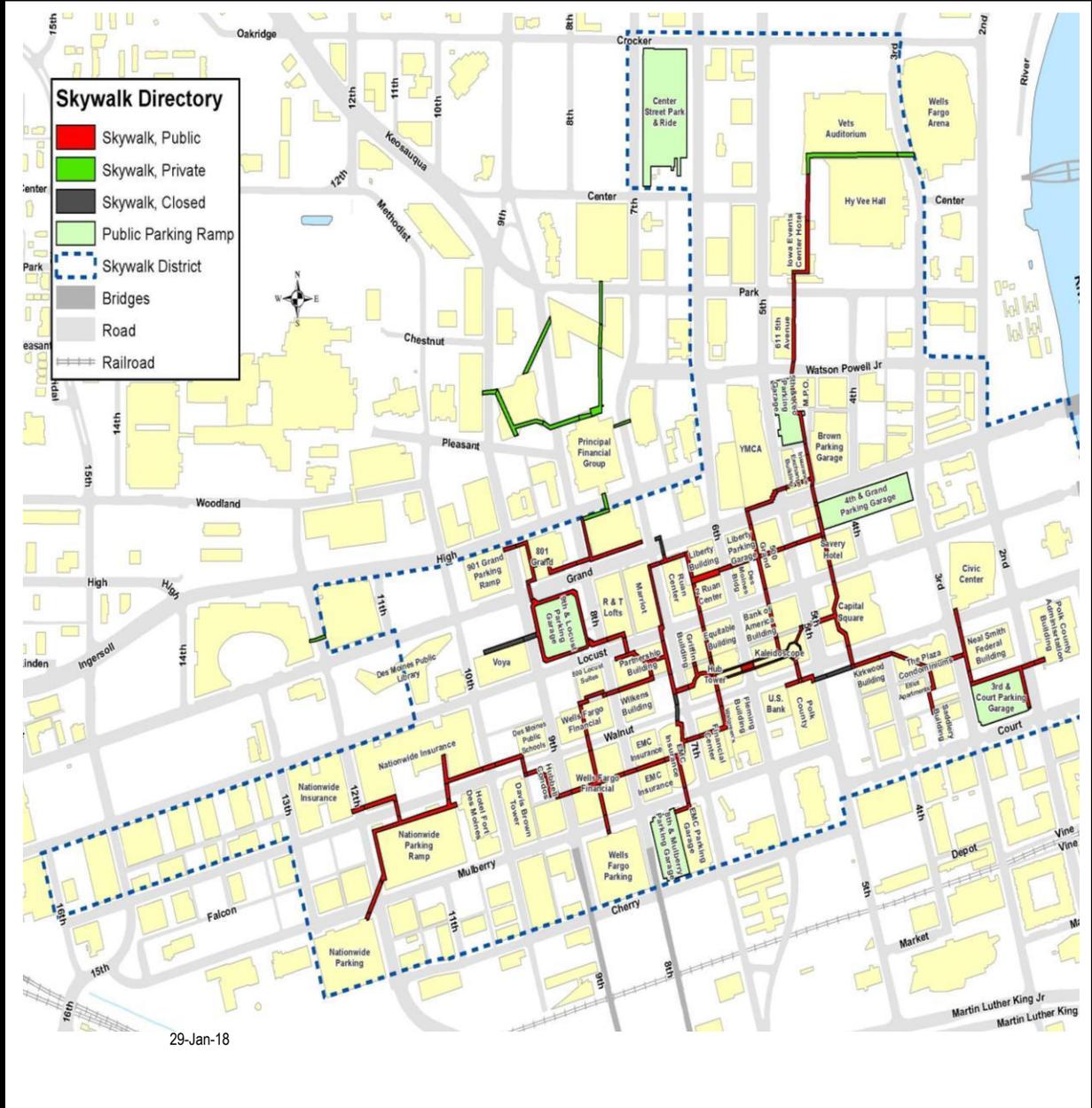
REVENUES

Federal and private funds have been used in the construction of the City's existing facilities, though the funding in this category normally comes from operating funds which originate directly from user fees.

PARKING CIP FUNDING SOURCES FY 2018-19/2023-24



Parking Improvements Summary 2018-19/2023-24 Capital Improvements Program



| GARAGE | YEAR BUILT | ESTIMATED YEAR OF REPLACEMENT | | 2015 INSURED VALUE | # OF SPACES |
|------------------------------|------------|-------------------------------|------|-----------------------|--------------------|
| 7th and Center Park and Ride | 1999 | | 2059 | \$ 22,451,080 | 1,815 |
| 3rd and Court | 1994 | | 2049 | 8,979,988 | 750 |
| 9th and Locust | 1990 | | 2045 | 17,219,807 | 1,130 |
| 5th and Keo | 1985 | | 2035 | 9,376,175 | 620 |
| 4th and Grand | 1980/1984 | | 2030 | 12,149,694 | 1,080 |
| 8th and Mulberry | 2006 | | 2071 | 15,405,316 | 900 |
| E. and Grand | 2017 | | 2067 | 20,000,000 | 535 |
| | | | | \$ 105,582,060 | 6,830 |
| SURFACED LOTS | | | | | # OF SPACES |
| 12th and Cherry | | | | | 29 |
| Parking Meters | | | | | 3,500 |
| Total = | | | | | 3,529 |

**Parking Facilities Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 7,450,000
Cost Beyond Six-year Period —
Committed 06-30-2016: 390,988

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 309,366 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Other | 20,000 | 20,000 | — | — | — | — | — | — | — |
| Parking Fund | 18,919,795 | 9,039,795 | 1,780,000 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 |
| Parking Bonds Issued | 483,111 | 483,111 | — | — | — | — | — | — | — |
| Park and Ride Fund | 2,248,377 | 798,377 | 200,000 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Tax Increment Bonds Issued | 2,631,673 | 2,631,673 | — | — | — | — | — | — | — |
| Total Revenues | 24,302,956 | 12,972,956 | 1,980,000 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 |
| Total Transfers | (5,200) | (5,200) | — |
| Expenditures | 24,297,756 | 12,658,390 | 2,289,366 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 |
| Ending Cash Balance | // | 309,366 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 63,131 | (326,235) | 439,366 | 100,000 | (50,000) | (50,000) | (50,000) | — | — |
| Projects with no sheet | — | — | — | — | — | — | — | — | — |

Parking System Improvements
Parking Facility Rehab/Repair Program
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------|----|
| Chart of Accounts | E054EG99 PG016 | Cost for Plan Period | 6,500,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2016: | 390,988 | |
| Relationship to Strategic Plan: | Upgraded City Infra. | PlanDSM Pgs 48-51 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | Downtown | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|---|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 234,679 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Other | 20,000 | 20,000 | — | — | — | — | — | — | — | — |
| Parking Fund | 18,919,795 | 9,039,795 | 1,780,000 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 | |
| Parking Bonds Issued | 483,111 | 483,111 | — | — | — | — | — | — | — | |
| Tax Increment Bonds Issued | | 2,631,673 | — | — | — | — | — | — | — | |
| Total Revenue | 22,054,579 | 12,174,579 | 1,780,000 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 | |
| Transfers In (Out): | | | | | | | | | | |
| MS007 - Tree Replacement | (5,200) | (5,200) | — | — | — | — | — | — | — | |
| Total Transfers | (5,200) | (5,200) | — | |
| Expenditures | 22,049,379 | 11,934,700 | 2,014,679 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 | |
| Ending Cash Balance | 234,679 | 234,679 | — | |
| Change in Expend. (Prev. Yr.) | 1,038,131 | (251,548) | 364,679 | 100,000 | (175,000) | 50,000 | (50,000) | — | n/a | |

Description: This project provides funding for the repair, restoration, and preventative maintenance of the City's parking facilities. Based on the results on the 2017 facilities review, completed in late fall of 2016, funding for this project was increased substantially in recent years. Most of the indentified needed repairs/projects on the extensive list are relatively minor in cost. Major projects include: FY2019 - Expansion joint repair: (4th and Grand, 5th/Keo, 3rd/Court), Structural repairs (9th/Locust, 3rd/Court), Skywalk repairs (9th/Locust), and replacement of the Parking Access Revenue Control System (PARCS) - (all garages - \$800,000); FY2020 - Structural repairs (4th/Grand), Lighting/electrical improvements (4th/Grand, 9th/Locust), elevator repairs/improvements (5th/Keo, 3rd/Court), floor coating repairs (3rd/Court), and Wayfinding Sign Upgrades (all garages - \$180,000); FY2021 - Structural repairs (4th/Grand, 7th/Center), floor coating repairs (4th/Grand, 3rd/Court), Stair repair (4th/Grand), MEP (all garages - \$450,000); and FY2022 - Structural repairs (5th/Keo, 9th/Locust), Concrete sealer (3rd/Court), Stair repair (4th/Grand), steel painting (3rd/Court). The City anticipates being back on a routine schedule starting in FY2023.

Justification: The parking system has aging infrastructure. Two of the five parking ramps are over 30 years old. The average life for a parking ramp is 45 years. As these structures age, the importance of establishing and implementing a plan for preventative maintenance is necessary to preserve the City's investment in these garages which have a 2017 insured value of over \$50 million (not including the Park and Ride facility). The Municipal Parking System provides parking for approximately 60,000 customers per month.

Explanation of Change in Expenditures: This project has not changed substantial from last year's CIP.

Operating Budget Effect: Maintaining structurally sound parking facilities will reduce the City's liability and keep the facilities in operation – thus maintain the generation of revenues and supporting the growth of downtown businesses and housing. The parking garages are part of the City's Parking Enterprise Fund (E051 EG062085 – Parking Administration which is funded mainly by parking revenues – with some TIF funds)

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------|--------------|----------------------|----------------------|---------------------|--------------|--------------|----------------------|---------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Parking Repair Program | Construction | Design, Plans, Specs | Design, Plans, Specs | Design, Plans Spec, | Construction | Construction | Design, Plans, Specs | Design, Plans Spec, | Construction |

**Parking System Improvements
Park and Ride Facility Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|--------------------------------------|-----------------------------------|-------------------------------|----|
| Chart of Accounts | E068EG99 PG029 | Cost for Plan Period | 950,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2016: | — | |
| Relationship to Strategic Plan: | Upgraded City Infra. | PlanDSM Pgs 48-51 | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | 7/1/2010 | |
| Neighborhood(s): | Downtown | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 74,687 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Park and Ride Fund | 2,248,377 | 798,377 | 200,000 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Total Revenue | 2,248,377 | 798,377 | 200,000 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,248,377 | 723,690 | 274,687 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| Ending Cash Balance | | 74,687 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 125,000 | (74,687) | 74,687 | — | 125,000 | (100,000) | — | — | n/a |

Description: Funding in FY2018, FY2019, and the plan years is being identified to address miscellaneous repairs and improvements identified in the 2017 Parking System Condition Appraisal Report for this \$22+ million facility. Funds will not be transferred into the project from operating funds until specific needs have been identified. Previous projects include emergency lighting work, stair repairs, and ADA modifications to the restroom.

Justification: The Parking System Condition Appraisal Report completed in the fall of 2017 identified over one million dollars of needed repairs/improvements. Periodic preventive and corrective maintenance will also be needed in the future to preserve the City's investment and to obtain the 60 year design service life of this facility.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: Maintaining the structural integrity of this facility will reduce the City's liability and keep the facility in operation - thus maintaining the generation of revenues.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------|----------------------|----------------------|----------------------|-------------------------------|--------------|--------------|----------------------|-------------------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Parking Repair Program | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans Spec, Award bid | Construction | Construction | Design, Plans, Specs | Design, Plans Spec, Award bid | Construction |

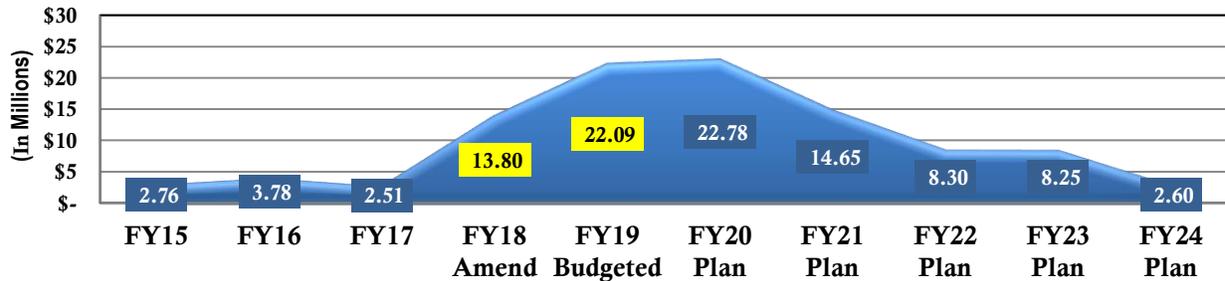
| Parking Improvements | | | | | | | | | | |
|---|--------------------------------------|-------------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| | | | BUDGET | | PLAN | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Parking Facility Rehab/Repair Prog | 22,049,379 | 11,934,700 | 2,014,679 | 1,600,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Park and Ride Facility Improvements | 2,248,377 | 723,690 | 274,687 | 300,000 | 250,000 | 250,000 | 250,000 | 100,000 | 100,000 |
| | Total Proposed Expenditures = | 24,297,756 | 12,658,390 | 2,289,366 | 1,900,000 | 1,750,000 | 1,750,000 | 1,750,000 | 1,100,000 | 1,100,000 |

| Change in Expenditures from Last Year's Document | | | | | | | | | | |
|---|-------------------------------------|---------------|--------------------|----------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Parking Facility Rehab/Repair Prog | 38,131 | (251,548) | 364,679 | 100,000 | (175,000) | 50,000 | (50,000) | - | n/a |
| 1,2,3,4 | Park and Ride Facility Improvements | 25,000 | (74,687) | 74,687 | - | 125,000 | (100,000) | - | - | n/a |
| | Total Change = | 63,131 | (326,235) | 439,366 | 100,000 | (50,000) | (50,000) | (50,000) | - | - |

Sanitary Sewer Improvements 2018-19/2023-24 Capital Improvements Program

This category covers projects for the design, construction, repair, and preventive maintenance of the City's Sanitary Sewer Collection System. **The City has approximately 890 miles of sanitary sewers.**

SANITARY SEWER CIP EXPENDITURES FY15-17 (ACTUAL), FY18-FY19 (BUDGETED, & FY20-24 (PLAN)



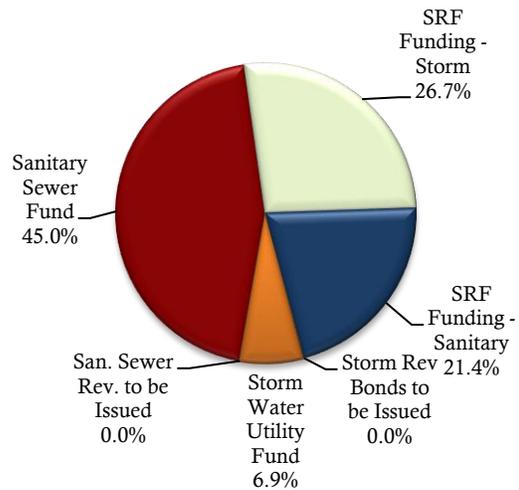
EXPENDITURES

Over **\$78 million** is anticipated to be spent between FY2019 and FY2024 for improvements within the City's Sanitary Sewer System, averaging more than \$13 million/year. More than \$50 million of Sanitary Sewer improvements have been made in the past ten years. Future projects include: Little Four Mile Trunk (FY17/FY20); Lower Oak Park Sewer Separation (FY17/FY19); Market District Lift Station and Force Main (FY19-FY20), Near West Side Sewer Separation (FY17-FY21); River Bend and King Irving Sewer Separation (FY18/FY21); and Western Ingersoll Run Sewer Separation (FY18-FY23). The Storm Water Utility is also contributing \$30 million towards the funding of the separation projects in this section of the CIP. \$15.5 million of lining / repair projects are planned over the next six years. the Sanitary Sewer Trunk Sewer funding will extend sewer to unnerved areas as the need arise.

REVENUES

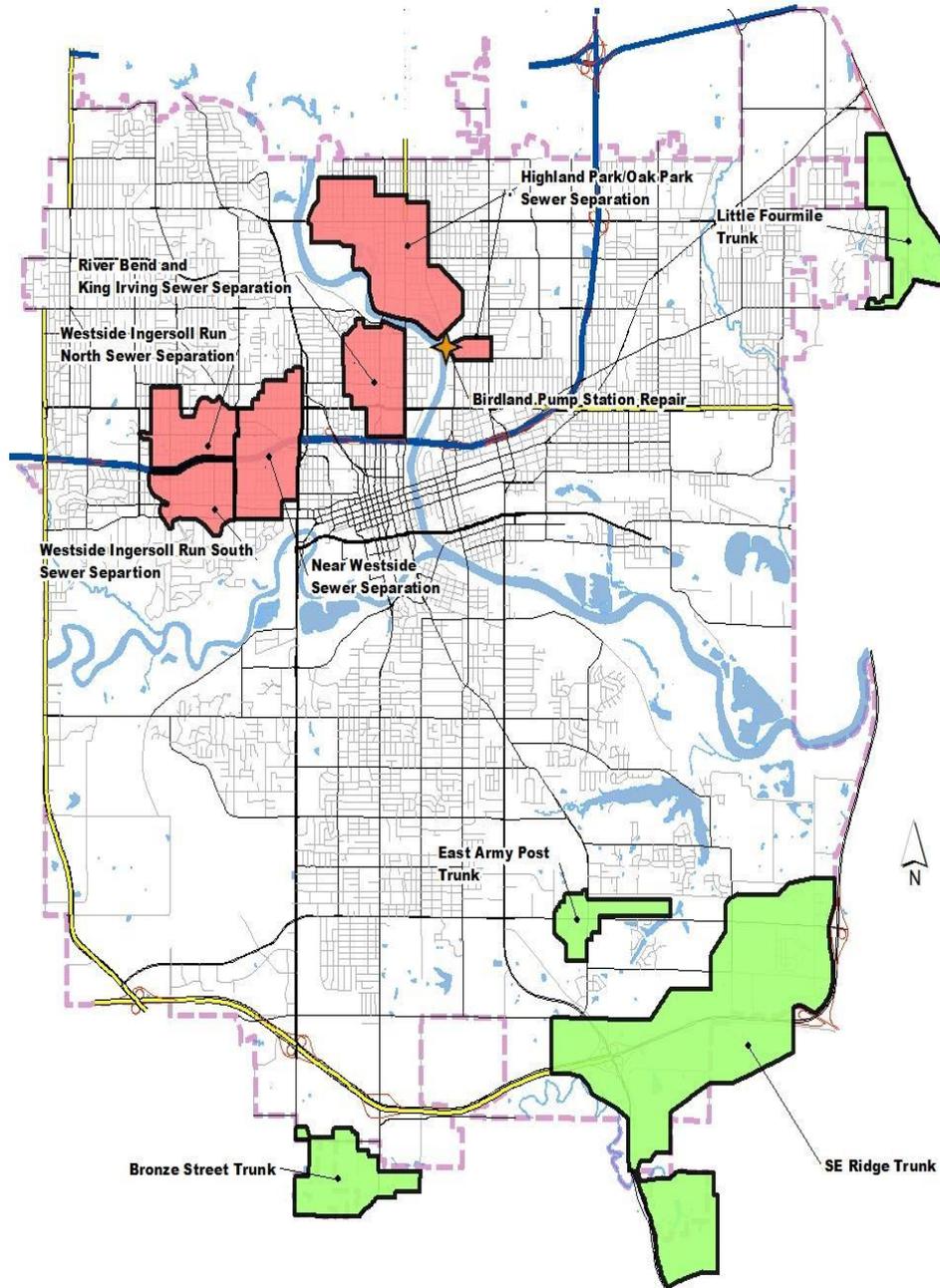
On 3/21/2016 (RC-16-0493), the City Council amended Mun Code Sec 118-149 to increase the sanitary sewer volume charges. The rate increased to \$6.59/1,000 gallons on July 1, 2016, and will increase to \$6.92/1,000 gallon effective 7/1/2017, and \$7.27/1,000 gallon on 7/1/2018. In addition to these charges, there is a monthly service charge of \$4.40.

SANITARY SEWER CIP - FUNDING SOURCES FY 2018-19/2023-24



The City also receives connection fees to cover the costs of improvements that provide service to new areas. That revenue is not shown here, but is collected in the Operating Fund (E101) and is used towards making principal and interest payments on bonds issued to make those improvements, or to refund the operating fund for those projects funded with cash.

**Sanitary Sewer Improvements
Summary
2018-19/2023-24 Capital Improvements Program**



| PROJECT | DESCRIPTION | TIMING | EST. |
|--|--|-------------|--------------|
| Lining Projects and Repairs | Lining of Sanitary Sewer mains | Ongoing | \$15,500,000 |
| Sanitary Sewer Trunk Sewers | Various Trunk Sewer projects - timing and scope TBD on as needed basis | Ongoing | 5,300,000 |
| Little Four Mile Trunk | Const of Trunk at E edge of City N of Easton and S of Broadway | FY17 - FY19 | 2,255,000 |
| Lower Oak Park Sewer Separation | Separation of combined sewer in the lower Oak Park and Highland Park | FY14 - FY20 | 11,611,293 |
| Market District Lift Station / Force M | Increase Sewer Capacity in Market District | FY19-FY20 | 4,500,000 |
| Near West Side Sewer Separation | Separation of combined sewer Near West Side | FY15 - FY21 | 19,874,733 |
| River Bend & King Irving Sewer Sepa | Separation of combined sewer in the Riverbend/King Irving area | FY17 - FY20 | 16,284,336 |
| W Ingersoll Run Sewer Separation | Remove storm inlets in service area | FY18 - FY23 | 17,950,000 |

**Sanitary Sewer Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 25,400,000
Cost Beyond Six-year Period —
Committed 06-30-2017: 595,780

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 2,875,085 | 1,350,000 | 1,950,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 3,082,100 | 3,082,100 | — | — | — | — | — | — | — |
| CDBG - Jumpstart | 3,000,000 | 3,000,000 | — | — | — | — | — | — | — |
| DMWW | — | — | — | — | — | — | — | — | — |
| Other | — | — | — | — | — | — | — | — | — |
| San. Sewer Rev. Issued | 22,455,403 | 22,455,403 | — | — | — | — | — | — | — |
| San. Sewer Rev. to be Issued | — | — | — | — | — | — | — | — | — |
| Sanitary Sewer Fund | 48,854,123 | 11,953,426 | 2,138,197 | 8,440,000 | 4,322,500 | 6,900,000 | 6,200,000 | 6,300,000 | 2,600,000 |
| SRF Funding - Storm | 25,161,617 | — | 4,504,117 | 7,092,500 | 8,565,000 | 5,000,000 | — | — | — |
| SRF Funding - Sanitary | 21,061,617 | — | 4,504,117 | 6,492,500 | 7,565,000 | 2,500,000 | — | — | — |
| Storm Rev Bonds to be Issued | — | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 8,175,497 | 1,712,245 | 1,125,752 | 665,000 | 372,500 | 250,000 | 2,100,000 | 1,950,000 | — |
| State | — | — | — | — | — | — | — | — | — |
| Total Revenues | 131,790,357 | 42,203,174 | 12,272,183 | 22,690,000 | 20,825,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 |
| Total Transfers | 1,562,021 | 1,562,021 | — | — | — | — | — | — | — |
| Expenditures | 6,175,085 | 40,890,110 | 13,797,268 | 22,090,000 | 22,775,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 |
| Ending Cash Balance | // | 2,875,085 | 1,350,000 | 1,950,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (11,150,000) | (16,153,640) | (9,352,732) | (20,000) | 6,765,000 | 7,400,000 | (1,450,000) | 3,500,000 | — |
| Transfers to Closed Projects | — | — | — | — | — | — | — | — | — |

Sanitary Sewer Improvements Little Four Mile Trunk Sanitary Sewer 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|----------|
| Chart of Accounts | E104PW99 SS137 | Cost for Plan Period | — |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 20,829 |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | Estimated Useful Life (years) | 50 |
| Ward(s): | 2 | Start Date: | Dec 2016 |
| Neighborhood(s): | N/A | End Date: | Jun 2019 |

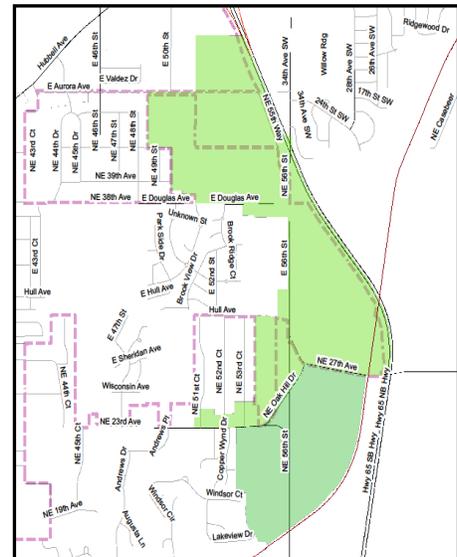
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|------------------|-----------------|------------------|------------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 223,100 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sanitary Sewer Fund | 2,255,000 | 250,000 | 580,000 | 1,425,000 | — | — | — | — | — | — |
| Total Revenue | 2,255,000 | 250,000 | 580,000 | 1,425,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| 0 | — | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,255,000 | 26,900 | 803,100 | 1,425,000 | — | — | — | — | — | — |
| Ending Cash Balance | | 223,100 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 755,000 | (73,100) | (346,900) | 1,175,000 | — | — | — | — | — | n/a |

Description: This project provides for construction of a trunk sanitary sewer system to provide sanitary for a portion of the annexed area of Polk County lying north of the Iowa Interstate Railroad Right-of-Way, south of Broadway Avenue, west of Highway 65, and generally east of NE 48th Street on the north, and SE 50th Street on the South. A trunk sewer connection fee district will be established to provide for the collection of fees as the area develops.

Justification: The trunk sewer will allow the area to develop at the densities required to make the area an asset and to provide for the projected growth that is associated with Highway 65.

Explanation of Change in Expenditures: This project boundary has changed from last year's CIP.

Operating Budget Effect: This project will add an estimated 8,200 lf of sanitary sewer that will need periodic cleaning and maintenance which is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise fund (E101 PW247411) - funded primarily by Sanitary Sewer User Fees). It is estimated that every 800,000 lf of additional sewer main requires an additional crew at a FY2016 cost of \$515,000. When the area is fully developed, it will generate an estimated \$2,300,000 in annual operating revenues.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 |
|--------------------------|------------|---------------|----------------------|------------------------------------|---|--------------|--------------|--------------|------------|
| | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 |
| Trunk Sewer Construction | -- | Prelim Design | Design, Plans, Specs | Design, Plans, Specs; Land/ROW Acq | Award Bid; Design, Plans, Specs; Land/ROW Acq | Construction | Construction | Construction | Closeout |

Sanitary Sewer Improvements Lower Oak Park and Highland Park Sewer Separation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | E104PW99 SS133 | Cost for Plan Period | 1,545,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | 2,836,680 |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | Estimated Useful Life (years) | 50 |
| Ward(s): | 2 | Start Date: | Jul 2013 |
| Neighborhood(s): | N/A | End Date: | Jun 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|------------------|------------------|------------------|------------------|----------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | (373,802) | — | (373,802) | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sanitary Sewer Fund | 735,447 | 320,000 | 277,947 | 115,000 | 22,500 | — | — | — | — | — |
| San. Sewer Rev. Issued | 220,000 | 220,000 | — | — | — | — | — | — | — | — |
| SRF Funding - Sanitary | 5,020,298 | — | 1,917,798 | 2,352,500 | 750,000 | — | — | — | — | — |
| Storm Water Utility Fund | 615,250 | 400,000 | 77,750 | 115,000 | 22,500 | — | — | — | — | — |
| Storm Rev Bonds to be Issued | — | — | — | — | — | — | — | — | — | — |
| SRF Funding - Storm | 5,020,298 | — | 1,917,798 | 2,352,500 | 750,000 | — | — | — | — | — |
| Total Revenue | 11,611,293 | 940,000 | 4,191,293 | 4,935,000 | 1,545,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 11,611,293 | 1,313,802 | 3,817,491 | 4,935,000 | 1,545,000 | — | — | — | — | — |
| Ending Cash Balance | (373,802) | (373,802) | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (1,188,707) | (976,198) | (3,632,509) | 1,875,000 | 1,545,000 | — | — | — | — | n/a |

Description: This project provides for construction of a storm sewer in Lower Oak Park and Highland Park Combined Sewer System to remove the remaining storm inlets from the combined sewer system in an area roughly bounded by Seneca Ave on the north, the Des Moines River on the south, Cornell St. on the east, and the Des Moines River on the west.

Justification: This area lies upstream of the existing combined sewer overflow near the Birdland Marina. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines / WRA in 2010. This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow at the Birdland Marina by 2018.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This project will add an estimated 10,000 lf of storm sewer that will need periodic cleaning and maintenance, which is handled by the Sewer Maintenance Division of the Storm Sewer Utility Enterprise Fund (E301 PW247413). It is estimated every 800,000 lf of additional storm sewer main requires an additional crew at a FY2016 cost of \$515,000. This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------|--------------|--------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Lower Oak Park and Highland Park Sewer Separation - Area A | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Closeout | -- | -- |
| Lower Oak Park and Highland Park Sewer Separation - Area B & C | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction | Construction |

**Sanitary Sewer Improvements
Market District Lift Station and Force Main
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | E104PW99 SS140 | Cost for Plan Period | 1,950,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | PlanDSM Pgs 48-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | |
| Neighborhood(s): | N/A | End Date: | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-----------|-------------|---------|-----------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | 1,950,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sanitary Sewer Fund | 4,500,000 | — | — | 4,500,000 | — | — | — | — | — | — |
| Total Revenue | 4,500,000 | — | — | 4,500,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 4,500,000 | — | — | 2,550,000 | 1,950,000 | — | — | — | — | — |
| Ending Cash Balance | | — | — | 1,950,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,500,000 | — | — | 2,550,000 | 1,950,000 | — | — | — | — | n/a |

Description: City Engineering and Public Works staff developed a budgetary (ballpark) cost estimate of \$3 Million for a new sanitary sewer lift Station, \$1.5 Million for new sanitary sewer force main, and \$1 Million for new sanitary sewer trunk line to serve the Market District area proposed development. The \$1 Million in new sanitary sewer trunk line improvements is SE 7th Street Improvements and Trunk Sewer in the Street section of the CIP. The Market District Study in the Miscellaneous section of the CIP will include an analysis of existing infrastructure and recommendations regarding infrastructure needed to support the master planning and refine the scope of sanitary sewer system improvements required to serve the Market District proposed development. A connection fee district is proposed for this area.

Justification: The City's 2008 downtown plan (What's Next, Downtown?) identified the emerging potential of the "Lower East Village." In 2010, the City completed the Market District of East Village Urban Design Study which built from the basic ideas that were proposed in the downtown plan and identified a set of planning ideas that captured the enthusiasm for the area and depicted the desired long-term vision for the Market District. In 2017, the City will start a Market District Study that will consist of master planning and an infrastructure analysis for a redevelopment area in a portion of the downtown Historic East Village neighborhood which includes the area referred to as the Market District. There are several active developments underway in the Market District. The City does not have sewer capacity available to support the development demand; therefore, development of various parcels in the Market District are on hold until sanitary sewer service can be provided.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect: Additional sanitary infrastructure requiring future maintenance, including lift station and nearly 4,500 feet of sanitary sewer force main

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|------------------------------|--------------------|----------------------|------------|--------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Market District Lift Station | Preliminary Design | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Construction | Construction | Closeout |

Sanitary Sewer Improvements Near West Side Sewer Separation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | E104PW99 SS132 | Cost for Plan Period | 8,750,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | 4,559,271 |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,3 | Start Date: | Feb 2015 |
| Neighborhood(s): | N/A | End Date: | Dec 2019 |

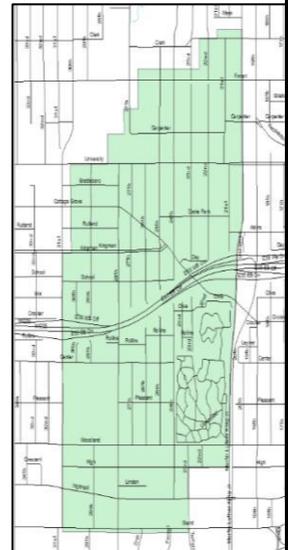
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-----------------------------------|-------------------|--------------------|--------------------|--------------------|------------------|------------------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | (222,976) | — | (222,976) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Storm Water Utility Fund | 1,396,181 | 598,179 | 398,002 | 250,000 | 100,000 | 50,000 | — | — | — |
| Sanitary Sewer Fund | 1,480,250 | 350,000 | 730,250 | 250,000 | 100,000 | 50,000 | — | — | — |
| SRF Funding - Storm | 8,499,151 | — | 2,124,151 | 2,150,000 | 3,225,000 | 1,000,000 | — | — | — |
| SRF Funding - Sanitary | 8,499,151 | — | 2,124,151 | 2,150,000 | 3,225,000 | 1,000,000 | — | — | — |
| Total Revenue | 19,874,733 | 948,179 | 5,376,554 | 4,800,000 | 6,650,000 | 2,100,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 19,874,733 | 1,171,155 | 5,153,578 | 4,800,000 | 6,650,000 | 2,100,000 | — | — | — |
| Ending Cash Balance | / | (222,976) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Y | 524,733 | (1,128,845) | (3,846,422) | (1,400,000) | 4,800,000 | 2,100,000 | — | — | n/a |

Description: This project provides separating the sanitary and storm water sewer systems in the area roughly defined as south of Forest Ave., east of 31st St, north of Grand Ave and west of Martin Luther King Jr. Parkway.

Justification: This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow at High St by 2023. This work will separate the sewer system in this area to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines /WRA in 2010.

Explanation of Change in Expenditures: Estimated cost for this project have climbed significantly now that the scope of the project has been better defined and conceptual design work has begun.

Operating Budget Effect: This project will add an estimated 15,000 lf of storm sewer that will need periodic cleaning and maintenance, which is handled by the Sewer Maintenance Division of the Storm Sewer Utility Enterprise Fund (E301 PW247413). It is estimated every 800,000 lf of additional storm sewer main requires an additional crew at a cost of \$440,000 This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|-----------------------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Sewer Separation | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Construction | Construction (Thru June) |
| Sewer Separation - Phase 2 | Design, Plans, Specs | Award Bid | Construction | Construction (Thru June 21) |

Sanitary Sewer Improvements River Bend and King Irving Sewer Separation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | E104PW99 SS138 | Cost for Plan Period | 10,580,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | 33,610 |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | PlanDSM Pgs 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1 | Start Date: | Jul 2016 |
| Neighborhood(s): | River Bend, King Irving | End Date: | Dec 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|----------------|--------------------|--------------------|------------------|------------------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | | — | 208,734 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Sanitary Sewer Fund | 600,000 | 200,000 | 50,000 | 150,000 | 100,000 | 100,000 | — | — | — |
| Storm Water Utility Fund | 600,000 | 200,000 | 50,000 | 150,000 | 100,000 | 100,000 | — | — | — |
| SRF Funding - Storm | 7,542,168 | — | 462,168 | 1,990,000 | 3,590,000 | 1,500,000 | — | — | — |
| SRF Funding - Sanitary | 7,542,168 | — | 462,168 | 1,990,000 | 3,590,000 | 1,500,000 | — | — | — |
| Total Revenue | 16,284,336 | 400,000 | 1,024,336 | 4,280,000 | 7,380,000 | 3,200,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 16,284,336 | 191,266 | 1,233,070 | 4,280,000 | 7,380,000 | 3,200,000 | — | — | — |
| Ending Cash Balance | | 208,734 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 868,910 | 41,266 | (1,316,930) | (3,920,000) | 3,020,000 | 3,200,000 | — | — | n/a |

Description: This project provides for construction of a storm sewer in River Bend and King Irving Combined Sewer system to remove the remaining storm sewer inlets from the combined sewer system in an area roughly bounded by Hickman Road on the north, I-235 on the south, 2nd avenue on the east, and 13th Street on the west.

Justification: This area lies upstream of the existing combined sewer overflow near the intersection of Franklin Avenue and 2nd Avenue. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines/WRA in 2010. This work is required in the 2010 State of Iowa Department of Natural Resources Consent Order Judgment and Decree to eliminate the combined sewer overflow at Franklin Avenue and 2nd Avenue by December 31, 2019.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---|----------------------|----------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| River Bend and King Irving Sewer Separation - Phase 1 | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction | Construction | Construction | Construction | Construction | Construction (Closeout Dec 19) |

Sanitary Sewer Improvements
Sanitary Sewer Lining and Repairs
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | E104PW99 SS049 | Cost for Plan Period | 13,000,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | PlanDSM Pgs 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | | 25 |
| Neighborhood(s): | City-wide | Start Date: | Ongoing |
| | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 3,040,029 | 1,350,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 3,082,100 | 3,082,100 | — | — | — | — | — | — | — |
| CDBG - Jumpstart | 3,000,000 | 3,000,000 | — | — | — | — | — | — | — |
| San. Sewer Rev. Issued | 22,235,403 | 22,235,403 | — | — | — | — | — | — | — |
| San. Sewer Rev. to be Issued | — | — | — | — | — | — | — | — | — |
| Sanitary Sewer Fund | 24,983,426 | 10,833,426 | — | 1,150,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 |
| Storm Rev Bonds to be Issued | — | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 714,066 | 514,066 | 200,000 | — | — | — | — | — | — |
| Total Revenue | 54,014,995 | 39,664,995 | 200,000 | 1,150,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 |
| Transfers In (Out): | | | | | | | | | |
| SS054 - City-Wide Sanitary Se | 905,276 | 905,276 | — | — | — | — | — | — | — |
| SM057 - City-Wide Stm Sewer | 656,745 | 656,745 | — | — | — | — | — | — | — |
| Total Transfers | 1,562,021 | 1,562,021 | — |
| Expenditures | 55,577,016 | 38,186,987 | 1,890,029 | 2,500,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 |
| Ending Cash Balance | 3,040,029 | 1,350,000 | — |
| Change in Expend. (Prev. Yr.) | (13,276,734) | (14,016,763) | (1,009,971) | (250,000) | (150,000) | (150,000) | (150,000) | (150,000) | n/a |

Description: This project provides for rehabilitation of major trunk sanitary sewers and lateral sanitary sewers that have not yet failed, but that are in an advanced state of deterioration due to age. These sewers will be lined by various techniques, and depending upon the state of deterioration of the sewer, some spot repairs may be required. This project also provides funding for sewer repairs that are needed from time to time.

Justification: Some of the older brick sewers, as well as segmented clay tile sewers, are over 100 years old. Where applicable, lining of sewer mains has been proven to be a cost effective method of fixing deteriorating sewers, in lieu of digging up and replacing the main. The project should reduce maintenance costs, and the incidence of sewer back-ups.

Explanation of Change in Expenditures: Funding for repara is has been moved from the now closed City-Wide Sanitary Sewer project that funded minor repair projects.

Operating Budget Effect: This project will reduce infiltration and reduce backups. This will result in reduced flows sent to the WRA, reduced call for backups/slow flows, and reduced preventative maintenance costs (i.e. cleaning/televising). Maintenance is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise fund (E101 PW247411).



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Annual Televising Program | Ongoing | Ongoing/ |
| Annual Lining Program | Ongoing |

**Sanitary Sewer Improvements
Sanitary Sewer Trunk Sewers
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | E104PW99 SS120 | Cost for Plan Period | 5,100,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | PlanDSM Pgs 48-51 | Estimated Useful Life (years) |
| Ward(s): | 3 | Start Date: | Jan 2018 |
| Neighborhood(s): | N/A | End Date: | Jun 2023 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-----------|-------------|---------|-------------|-------------|-----------|-----------|-----------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sanitary Sewer Fund | 5,300,000 | — | 100,000 | 100,000 | 350,000 | 1,500,000 | 1,500,000 | 1,750,000 | — | — |
| Total Revenue | 5,300,000 | — | 100,000 | 100,000 | 350,000 | 1,500,000 | 1,500,000 | 1,750,000 | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 5,300,000 | — | 100,000 | 100,000 | 350,000 | 1,500,000 | 1,500,000 | 1,750,000 | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 500,000 | — | — | (1,350,000) | (2,700,000) | 1,300,000 | 1,500,000 | 1,750,000 | n/a | n/a |

Description: This project is a combination of future sanitary sewer trunk sewer projects that will allow areas of the City to develop where there is currently insufficient sewer capacity. Future projects where timing is uncertain include: BRONZE STREET TRUNK SEWER - construction of a trunk sanitary sewer for a portion of the annexed area of Warren County within the Highway 5 Corridor Study lying south of Bronze Street and east and west of County Road R 63; EAST ARMY POST ROAD TRUNK SEWER - This project provides for the construction of a trunk sanitary sewer ranging in size from 10-inch to 15-inch to provide sanitary sewer service for the area lying north of East Army Post Road from the 3000 block to Indianola Avenue, and on the north and south sides of East Army Post Road from Indianola Avenue to the 1900 block of East Army Post Road; and SOUTHEAST RIDGE TRUNK SEWER - Multiple phases to provide sanitary sewer service to an area annexed in Warren County south of East County Line Road, and in Polk County east of S.E. 30th Street and south of Hart Avenue and West of Hwy-6. Connection fee districts will be established for each area.

Justification: Trunk sewer projects will allow for planned development of undeveloped areas of the City.

Explanation of Change in Expenditures: Due to uncertainty of the timing, three projects have been combined into one r's CIP.

Operating Budget Effect: These projects will add substantial lineal feet of sanitary sewer that will need periodic cleaning and maintenance, which is handled by the Sewer Maintenance Division of the Sanitary Sewer Enterprise Fund (E101 PW247411).

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 |
|--------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 |
| Trunk Sewer Construction | TBD |

Sanitary Sewer Improvements Western Ingersoll Run Sewer Separation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|------------|
| Chart of Accounts | E104PW99 SS139 | Cost for Plan Period | 15,650,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustainable Comm. | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,3 | Start Date: | Jul 2020 |
| Neighborhood(s): | Waveland Park, Drake | End Date: | Jun 2023 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|-------------|----------------|------------------|--------------------|------------------|--------------------|------------------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Sanitary Sewer Fund | 9,000,000 | — | 400,000 | 750,000 | 1,150,000 | 2,650,000 | 2,100,000 | 1,950,000 | — |
| SRF Funding - Sanitary | — | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 4,850,000 | — | 400,000 | 150,000 | 150,000 | 100,000 | 2,100,000 | 1,950,000 | — |
| SRF Funding - Storm | 4,100,000 | — | — | 600,000 | 1,000,000 | 2,500,000 | — | — | — |
| Total Revenue | 17,950,000 | — | 800,000 | 1,500,000 | 2,300,000 | 5,250,000 | 4,200,000 | 3,900,000 | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 17,950,000 | — | 800,000 | 1,500,000 | 2,300,000 | 5,250,000 | 4,200,000 | 3,900,000 | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 450,000 | — | 800,000 | 1,300,000 | (1,700,000) | 950,000 | (2,800,000) | 1,900,000 | n/a |

Description: This project provides for construction of a storm sewer in Western Ingersoll Run Combined Sewer System to remove the remaining storm inlets from the combined sewer system in an area roughly bounded by I -235 on the south, Forest Avenue on the north, 31st Street on the east, and Polk Blvd on the west.

Justification: This area lies upstream of the existing combined sewer overflow on High St. This work will separate the sewer system in this area in order to help meet the nine minimum requirements included in the current NPDES permit issued to the City of Des Moines /WRA in 2010. This work is required in the 2010 State of Iowa / Iowa Department of Natural Resources Consent Order, Judgment and Decree to eliminate the combined sewer overflow at High St by 2023.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project is not expected to increase the amount of sanitary sewer mains that need to be maintained. The project will also substantially reduce the amount of flow sent to the Wastewater Reclamation Facility (WRF).



| WORKPLAN | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 |
|--|----------------------|----------------------|----------------------|----------------------|-------------------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 |
| Western Ingersoll Run Sewer Separation | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award bid; Construction | Construction | Construction | Construction | Construction |

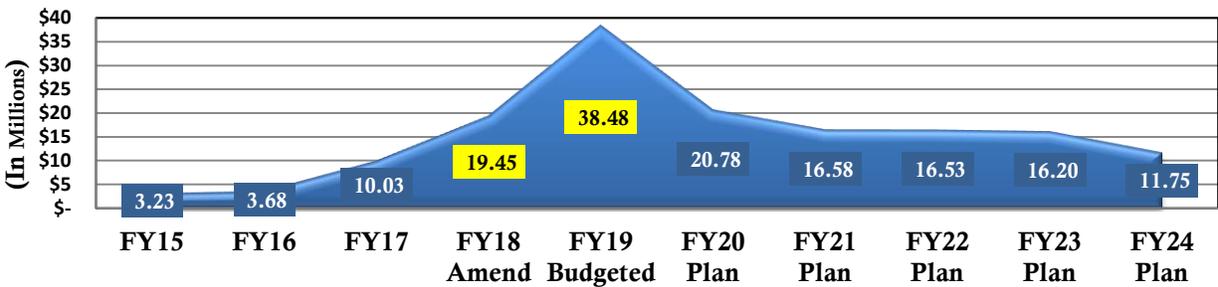
| Sanitary Sewer Improvements | | | | | | | | | | |
|--|---|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Expenditures | | | | | | | | | | |
| Ward | PROJECT TITLE | TOTAL | YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 2 | Little Four Mile Trunk Sanitary Sewer | 2,255,000 | 26,900 | 803,100 | 1,425,000 | - | - | - | - | - |
| 2 | Lower Oak Park and Highland Park Sewer Se | 11,611,293 | 1,313,802 | 3,817,491 | 4,935,000 | 1,545,000 | - | - | - | - |
| 3 | Market District Pump Station | 4,500,000 | - | - | 2,550,000 | 1,950,000 | - | - | - | - |
| 1,3 | Near West Side Sewer Separation | 19,874,733 | 1,171,155 | 5,153,578 | 4,800,000 | 6,650,000 | 2,100,000 | - | - | - |
| 1,3 | River Bend and King Irving Sewer Separation | 16,284,336 | 191,266 | 1,233,070 | 4,280,000 | 7,380,000 | 3,200,000 | - | - | - |
| 1,2,3,4 | Sanitary Sewer Lining and Repair | 55,577,016 | 38,186,987 | 1,890,029 | 2,500,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 | 2,600,000 |
| 4 | Sanitary Sewer Trunk Sewers | 5,300,000 | - | 100,000 | 100,000 | 350,000 | 1,500,000 | 1,500,000 | 1,750,000 | - |
| 1,3 | Western Ingersoll Run Sewer Sep. | 17,950,000 | - | 800,000 | 1,500,000 | 2,300,000 | 5,250,000 | 4,200,000 | 3,900,000 | - |
| Total Expenditures = | | 133,352,378 | 40,890,110 | 13,797,268 | 22,090,000 | 22,775,000 | 14,650,000 | 8,300,000 | 8,250,000 | 2,600,000 |

| Sanitary Sewer Improvements | | | | | | | | | | |
|--|---|--------------------|---------------------|--------------------|-----------------|------------------|------------------|--------------------|------------------|----------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Change in Expenditures from Last Year's Document | | | | | | | | | | |
| Ward | PROJECT TITLE | TOTAL | YEARS | BUDGET | | PLAN | | | | |
| | | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 2 | Little Four Mile Trunk Sanitary Sewer | 755,000 | (73,100) | (346,900) | 1,175,000 | - | - | - | - | n/a |
| 2 | Lower Oak Park and Highland Park Sewer Se | (1,188,707) | (976,198) | (3,632,509) | 1,875,000 | 1,545,000 | - | - | - | n/a |
| 3 | Market District Pump Station | 4,500,000 | - | - | 2,550,000 | 1,950,000 | - | - | - | - |
| 1,3 | Near West Side Sewer Separation | 524,733 | (1,128,845) | (3,846,422) | (1,400,000) | 4,800,000 | 2,100,000 | - | - | n/a |
| 1,3 | River Bend and King Irving Sewer Separation | 1,024,336 | 41,266 | (1,316,930) | (3,920,000) | 3,020,000 | 3,200,000 | - | - | n/a |
| 1,2,3,4 | Sanitary Sewer Lining and Repair | (15,876,734) | ##### | (1,009,971) | (250,000) | (150,000) | (150,000) | (150,000) | (150,000) | n/a |
| 4 | Sanitary Sewer Trunk Sewers | 500,000 | - | - | (1,350,000) | (2,700,000) | 1,300,000 | 1,500,000 | 1,750,000 | n/a |
| 1,3 | Western Ingersoll Run Sewer Sep. | 450,000 | - | 800,000 | 1,300,000 | (1,700,000) | 950,000 | (2,800,000) | 1,900,000 | n/a |
| Total Change = | | (9,311,372) | (16,153,640) | (9,352,732) | (20,000) | 6,765,000 | 7,400,000 | (1,450,000) | 3,500,000 | - |

Storm Water Improvements 2018-19/2023-24 Capital Improvements Program

This category is for the design, construction, repair, and preventive maintenance of the City's storm sewer system, local flood protection levee system, and related appurtenances. A storm water utility fee was established in FY1995 to help fund these projects. The City has approximately 472 miles of storm sewers, 32 pump stations, and approximately 16 miles of levees and floodwalls in the U.S. Army Corps of Engineers Levee Safety Program.

STORM WATER CIP EXPENDITURES
FY015-17 (ACTUAL), FY18-FY19 (BUDGETED), & FY20-24 (PLAN)



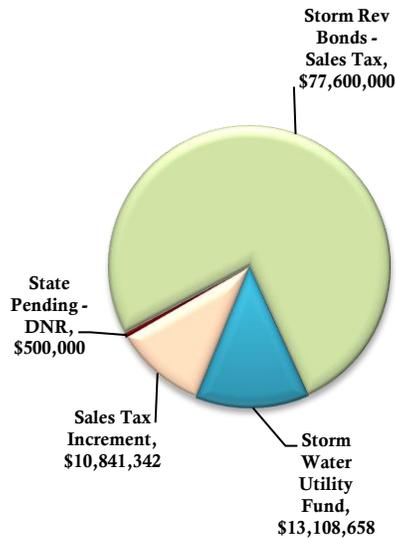
EXPENDITURES

Over **\$120 million** is anticipated to be spent between FY19 and FY24 on projects in this section of the CIP! In addition, more than \$80 million of Storm Water/Flood improvements have been made in the past ten years. Major planned projects include: Closes Creek Watershed Imp (FY16-FY23); Flood Mitigation Improvements (FY13-FY24 ++); Easter Lake Watershed Imp. (FY14-FY20); Gray's Station Detention Basins (FY18-FY19); Hamilton Drainage Area (FY18-FY24+); and Leetown Outlet Improvements (FY14-FY19). An additional \$31.9 million of Storm Water SRF bonds and cash is also included in the Sanitary Sewer Section of the CIP to help fund separation projects. Not included in the plans are the Storm Water Utility's share of any future streetscape projects - a number that may be fairly significant.

REVENUES

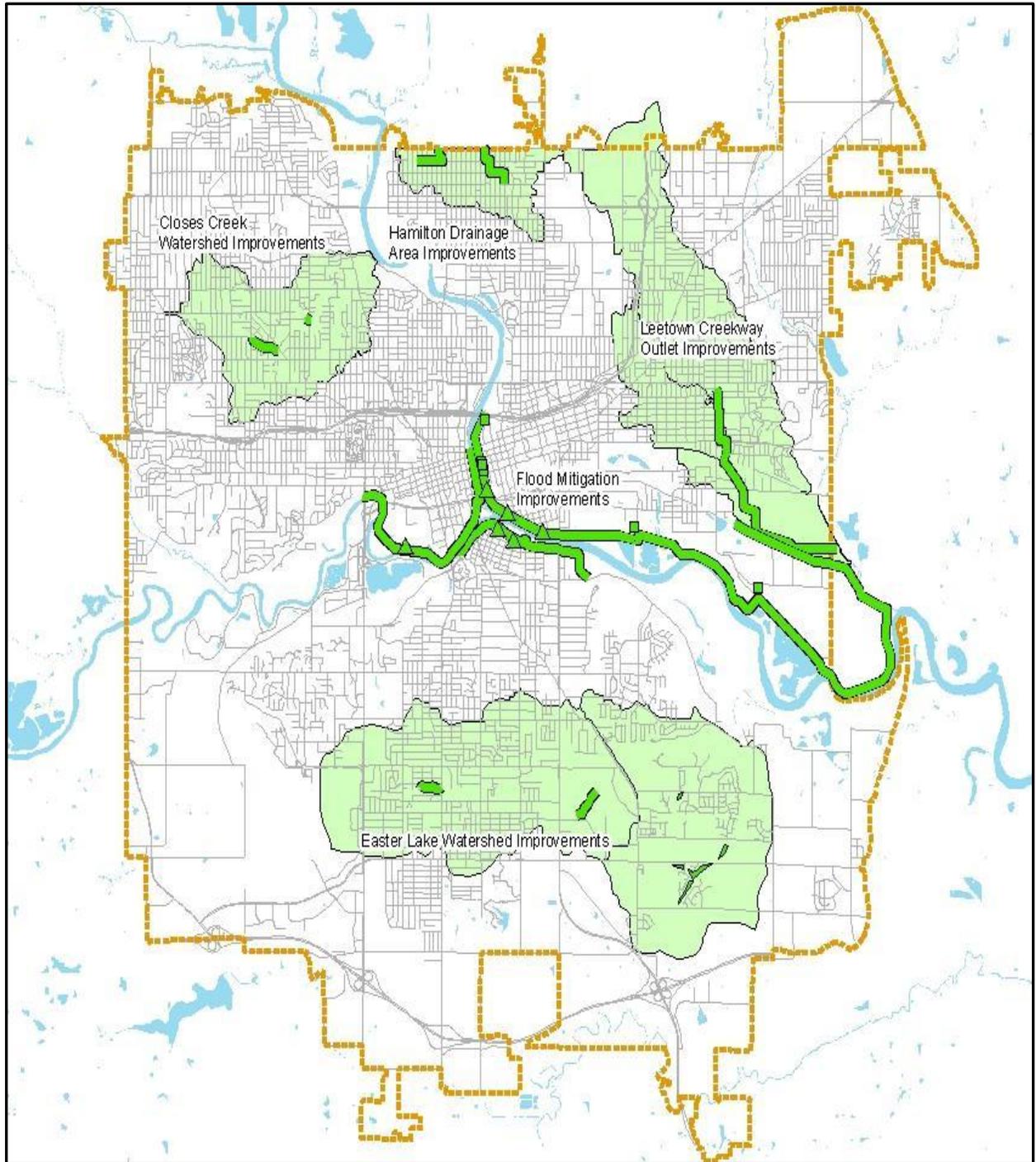
Rates are based on ERU's or Equivalent Resident Unit - *the average impervious area of residential developed property per dwelling unit located within the city ((ERU=2,349 sf). On 3/21/2016 (RC-16-0493), the City Council amended Mun Code Sec 118-275 to increase the ERU billing rates. The rate increased to \$11.50/ERU on July 1, 2016. The rate will increase to \$12.07/ERU on 7/1/2017, and \$12.68 on 7/1/2018.*

STORM WATER CIP - FUNDING SOURCES FY 2018-19/2023-24



An additional \$31.9 million of Storm Water SRF bonds and cash is also included in the Sanitary Sewer Section of the CIP to help fund separation projects.

**Storm Water Improvements
Map of Improvements
2018-19/2023-24 Capital Improvements Program**



| PROJECT | DESCRIPTION | TIMING | EST. |
|------------------------------------|---|----------------|----------------|
| City-wide Storm Water Utility Proj | Minor proj. not exceeding \$250,000 to resolve localized problems | ongoing | 700,000+ /year |
| DM River Flood Mitigation Imp. | Levee system imp., river channel/flood plain grading, and bridge mo | FY12-FY22 | \$60+ Million |
| Easter Lake Watershed Imp. | Improvements to storm sewer system, and water quality imp. | FY11 thru FY19 | \$5.5 Million |
| Hamilton Drainage Area Imp. | Structural and capacity Improvements | FY18-FY24 | \$18+ Million |
| Leetown Creekway – Outlet Imp. | Improvements south of E University | FY14-FY19 | \$8.8+ Million |
| Levee Maintenance and Imp. | Ongoing maintenance of the levee and floodwall system | Ongoing | \$2.3+ Million |

**Storm Water Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 81,825,000
Cost Beyond Six-year Period 4,000,000
Committed 06-30-2017: 3,928,220

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|---------------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 8,905,678 | 18,100,000 | 12,126,603 | 6,500,000 | 6,550,000 | — | 8,500,000 |
| Revenues: | | | | | | | | | |
| DMWW | 187,271 | 34,319 | — | 152,952 | — | — | — | — | — |
| CDBG - Jumpstart | — | — | — | — | — | — | — | — | — |
| Federal | 274,224 | 274,224 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | — | — | — | — | — | — | — | — | — |
| Polk County | 97,438 | 97,438 | — | — | — | — | — | — | — |
| Other | 238,824 | 238,824 | — | — | — | — | — | — | — |
| Sale of Land | 40,000 | 40,000 | — | — | — | — | — | — | — |
| Sales Tax Increment | 22,757,582 | 9,805,774 | 2,110,466 | 1,387,610 | 1,823,397 | 2,050,000 | 1,942,353 | 1,863,107 | 1,774,875 |
| Sanitary Sewer Fund | 882,367 | 882,367 | — | — | — | — | — | — | — |
| San. Sewer Rev. Issued | — | — | — | — | — | — | — | — | — |
| State - Pending | 1,612,915 | 324,608 | 788,307 | 500,000 | — | — | — | — | — |
| Storm Rev Bonds Issued | 19,487,859 | 19,487,859 | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | 99,600,000 | — | 22,000,000 | 25,750,000 | 11,500,000 | 13,000,000 | 6,000,000 | 21,350,000 | — |
| Storm Rev Bonds - Sales Tax P | — | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 33,093,152 | 16,234,240 | 3,750,254 | 4,713,993 | 1,825,000 | 1,575,000 | 2,032,647 | 1,486,893 | 1,475,125 |
| Total Revenues | 178,271,632 | 47,419,653 | 28,649,027 | 32,504,555 | 15,148,397 | 16,625,000 | 9,975,000 | 24,700,000 | 3,250,000 |
| Total Transfers | (50,000) | (50,000) | — | — | — | — | — | — | — |
| Expenditures | 178,221,632 | 38,463,975 | 19,454,705 | 38,477,952 | 20,775,000 | 16,575,000 | 16,525,000 | 16,200,000 | 11,750,000 |
| Ending Cash Balance | // | 8,905,678 | 18,100,000 | 12,126,603 | 6,500,000 | 6,550,000 | — | 8,500,000 | — |
| Change in Expend. (Prev. Yr.) | 44,142,241 | (3,625,416) | (2,385,295) | 8,827,952 | 5,825,000 | 15,375,000 | 11,525,000 | 8,600,000 | — |
| Transfers between closed Projec | — | — | — | — | — | — | — | — | — |

**Storm Water Improvements
City-wide Storm Water Utility Projects
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|----|
| Chart of Accounts | E304PW99 SM057 | Cost for Plan Period | 4,500,000 | |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 748,488 | |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | PlanDSM Pgs 48-51 | Estimated Useful Life (years) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | City-wide | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|-------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 292,985 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| DMWW | 34,319 | 34,319 | — | — | — | — | — | — | — | — |
| Storm Rev Bonds Issued | 3,418,382 | 3,418,382 | — | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | — | — | — | — | — | — | — | — | — | — |
| Federal | 274,224 | 274,224 | — | — | — | — | — | — | — | — |
| Other | 232,659 | 232,659 | — | — | — | — | — | — | — | — |
| Sanitary Sewer Fund | 882,367 | 882,367 | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 18,313,133 | 10,288,133 | 2,625,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| Total Revenue | 23,155,084 | 15,130,084 | 2,625,000 | 900,000 |
| Transfers In (Out): | | | | | | | | | | |
| | — | — | — | — | — | — | — | — | — | — |
| | — | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 23,155,084 | 14,837,099 | 2,917,985 | 900,000 |
| Ending Cash Balance | | 292,985 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 3,374,842 | (693,143) | 2,167,985 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | n/a |

Description: This project provides funding for minor projects and emergency repairs of the City Storm Water system. \$3.75 million is included in FY17-FY18 for the emergency repair behind City Hall.

Justification: Funding needs to be provided to address emergency/unanticipated repair/replacement needs of the Storm Water system (pipes, equipment, levee repairs, etc.) that arise from time to time.

Explanation of Change in Expenditures: The Levee Maintenance and Watershed Study projects in past CIP plans has been combined with this project. The total funding between the three has not changed substantially from last year's CIP.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Various Storm Water Projects | Ongoing Construction |

Storm Water Improvements Closes Creek Watershed Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | E304PW99 SM068 | Cost for Plan Period | 4,700,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 534,041 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 50 |
| Ward(s): | 1 | Start Date: | Apr 2000 |
| Neighborhood(s): | Various | End Date: | Ongoing |

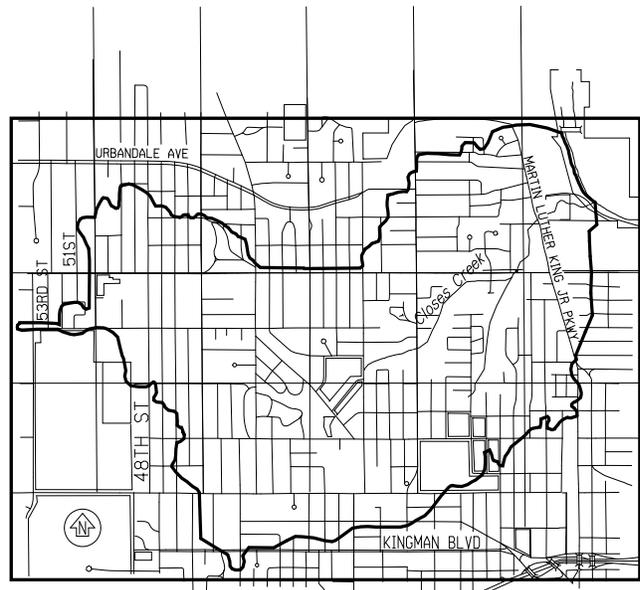
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|-------------------|------------------|----------------|------------------|----------------|----------|----------------|------------------|------------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 844,188 | 100,000 | 550,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sale of Land | 40,000 | 40,000 | — | — | — | — | — | — | — | — |
| Storm Rev Bonds Issued | 8,008,088 | 8,008,088 | — | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | 7,800,000 | — | — | 4,200,000 | — | — | — | 3,600,000 | — | — |
| Storm Water Utility Fund | 596,336 | 46,336 | — | — | — | — | 450,000 | 100,000 | — | — |
| Total Revenue | 16,444,424 | 8,094,424 | — | 4,200,000 | — | — | 450,000 | 3,700,000 | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 16,444,424 | 7,250,236 | 744,188 | 3,750,000 | 550,000 | — | 450,000 | 3,700,000 | — | — |
| Ending Cash Balance | — | 844,188 | 100,000 | 550,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,750,000 | (594,188) | 494,188 | 250,000 | 550,000 | — | 200,000 | 850,000 | n/a | — |

Description: This project provides for improvements to address structural and capacity deficiencies, and drainage complaints in the 1,500-acre Closes Creek watershed. A 2002 watershed study increase storm sewer capacity at 30th Street, Jefferson Avenue

Justification: A watershed study, accepted by the City Council's Storm Sewer Utility. (Roll Call 02-223)

Explanation of Change in Expenditures: Project costs have been changed to reflect updated cost estimates. The second phase has been shifted out one year.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2016 | FY 2016 | FY 2016 |
|---|---------------|---------------|--------------------------|
| | Jul-Sep 15 | Oct-Dec 15 | Jan-Mar 1 |
| Replace Culverts @ 30th and Jefferson - \$650,000 | Prelim Design | Prelim Design | Design, Plans, and Specs |
| Maquoketa Box Improvements - \$3.5 Mil. | Prelim Design | Prelim Design | Prelim Design |

Storm Water Improvements Flood Mitigation Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|------------|
| Chart of Accounts | E304PW99 SM087 | Cost for Plan Period | 46,250,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 1,513,479 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 50 |
| Ward(s): | 3,4 | Start Date: | Apr 2012 |
| Neighborhood(s): | N/A | End Date: | Jun 2020 |

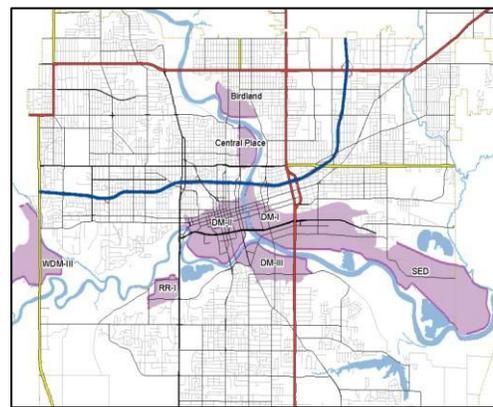
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-------------------|------------------|-------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 4,539,280 | 13,650,000 | 9,176,603 | — | 6,550,000 | — | 5,500,000 |
| Revenues: | | | | | | | | | |
| Sales Tax Increment | 22,757,582 | 9,805,774 | 2,110,466 | 1,387,610 | 1,823,397 | 2,050,000 | 1,942,353 | 1,863,107 | 1,774,875 |
| Storm Water Utility Fund | 3,258,912 | — | 500,254 | 388,993 | 500,000 | 500,000 | 507,647 | 386,893 | 475,125 |
| Storm Rev Bonds Issued | 4,811,389 | 4,811,389 | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | 57,250,000 | — | 15,000,000 | 17,000,000 | — | 13,000,000 | — | 12,250,000 | — |
| Storm Rev Bonds - Sales Tax P | — | — | — | — | — | — | — | — | — |
| Total Revenue | 88,077,883 | 14,617,163 | 17,610,720 | 18,776,603 | 2,323,397 | 15,550,000 | 2,450,000 | 14,500,000 | 2,250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 88,077,883 | 10,077,883 | 8,500,000 | 23,250,000 | 11,500,000 | 9,000,000 | 9,000,000 | 9,000,000 | 7,750,000 |
| Ending Cash Balance | | 4,539,280 | 13,650,000 | 9,176,603 | — | 6,550,000 | — | 5,500,000 | — |
| Change in Expend. (Prev. Yr.) | 34,835,064 | (1,264,936) | (5,800,000) | 5,650,000 | 1,500,000 | 9,000,000 | 9,000,000 | 9,000,000 | n/a |

Description: Following the significant flooding of 2008, the U.S. Army Corps of Engineers (USACE) updated the Des Moines River Regulated Flow Frequency Study to better identify and communicate the probability of flood events along the Des Moines River. The study results indicated that the flood flow frequencies increased over previous estimates. It is anticipated that application of these updated flows to the Des Moines River hydraulic model will result in increase Base Flood Elevations (BFE's) in future Federal Emergency Management Administration (FEMA) Flood Insurance Studies. More than \$50 million of projects have been identified to mitigate the effects of increased flood flows on regulatory BFE's and ensure future FEMA accreditation of existing levee systems. Efforts are ongoing to seek State flood mitigation grants to help fund the majority of these improvements. Improvements include levee and flood wall improvements, bridge/structure modifications, and interior drainage improvements including pump stations and storm sewers. The timing of the improvements in the plan years are subject to change pending on the amount and timing of any grants.

Justification: These projects will increase the level of flood protection for Des Moines.

Explanation of Change in Expenditures: The scope and cost estimate of this project will continue to change over the next couple of years.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------------|------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| DM-II Relief Wells | Design | Award Bid | Construction | Construction | Construction | Construction | -- | -- | -- |
| SE 1st and Van Buren Storm | Design | Design | Award Bid | Construction | Construction | Construction | -- | -- | -- |
| SE 4th and Van Buren Pump | Design | Design | Design | Award Bid | Construction | Construction | Construction | Construction | -- |
| E 1st & Market Pump Station | Design | Design | Design | Award Bid | Construction | Construction | Construction | Construction | -- |
| SE 9th Pump Station | Design | Design | Design | Design | Design | Award Bid | Construction | Construction | Construction |
| SE 3rd & Van Buren Pump | Design | Design | Design | Design | Design | Design | Award Bid | Construction | Construction |

Storm Water Improvements Easter Lake Watershed Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | E304PW99 SM061 | Cost for Plan Period | 2,650,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 286,528 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 50 |
| Ward(s): | 3,4 | Start Date: | Jul 2011 |
| Neighborhood(s): | Various | End Date: | June 2018 |

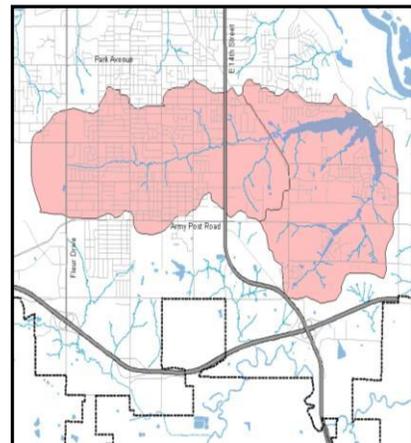
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|----------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,045,546 | 625,000 | 2,400,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| Polk County | 97,438 | 97,438 | — | — | — | — | — | — | — |
| State - Pending | 1,412,915 | 324,608 | 788,307 | 300,000 | — | — | — | — | — |
| Storm Rev Bonds Issued | — | — | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | 3,550,000 | — | — | 3,550,000 | — | — | — | — | — |
| Storm Water Utility Fund | 3,174,385 | 2,899,385 | — | 25,000 | 250,000 | — | — | — | — |
| Total Revenue | 8,234,738 | 3,321,431 | 788,307 | 3,875,000 | 250,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| PK167 - Urban Conservation | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,234,738 | 2,275,885 | 1,208,853 | 2,100,000 | 2,650,000 | — | — | — | — |
| Ending Cash Balance | | 1,045,546 | 625,000 | 2,400,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,948,218 | (420,635) | (581,147) | 1,300,000 | 2,650,000 | — | — | — | n/a |

Description: This project provides for improvements to address structural and capacity deficiencies in the storm sewer system as well as water quality improvements identified in the Easter Lake Water Quality Management Plan.

Justification: This will protect the lake as a recreational asset by mitigating sediment and nutrient contribution in run-off.

Explanation of Change in Expenditures: Project costs have been changed to reflect updated estimates.

Operating Budget Effect:: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|----------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Yeader Creek Phase 1 | Award Bid | Construction | Construction | Construction | Construction | Closeout | -- | -- | -- |
| Yeader Creek Phase 2 | - | Design | Design | Design | Award Bid | Construction | Construction | Construction | Construction |

Storm Water Improvements Gray's Station Detention Basins 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|----------|
| Chart of Accounts | E304PW99 SMI35 | Cost for Plan Period | — |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 50 |
| Ward(s): | 2 | Start Date: | Jul 2017 |
| Neighborhood(s): | Various | End Date: | Jun 2019 |

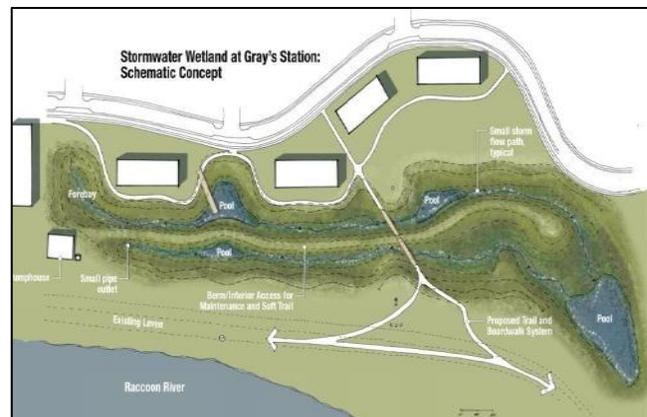
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|------------------|-------------|----------------|------------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| State - Pending | 200,000 | — | — | 200,000 | — | — | — | — | — | — |
| Private | — | — | — | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | — | — | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 2,300,000 | — | 300,000 | 2,000,000 | — | — | — | — | — | — |
| Total Revenue | 2,500,000 | — | 300,000 | 2,200,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,500,000 | — | 300,000 | 2,200,000 | — | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,500,000 | — | 300,000 | 2,200,000 | — | — | — | — | — | n/a |

Description: The proposed Raccoon River area project will provide for the retrofitting of the three (3) existing basins in the area (the two {2} dry basins, referenced above, are owned by the City of Des Moines; the eastern wet basin is owned by DART) into a constructed, functioning wetland system. The City will continue to pursue grant funding for this project.

Justification: The proposed water quality project will be required to retain capacity and function for regional stormwater management, but will offer a unique opportunity to begin to re-introduce the area as a place for the protection of water quality, public education and engagement, passive recreation and a demonstration site for natural infiltration of pollutants and using stormwater as a critical resource, rather than managing it as a waste product. The benefit to urban populations will be an attractive water feature with public access and improved water quality within the Raccoon River. The benefit to rural populations will be improved water quality within the Des Moines River and Red Rock Lake, which would be enhanced should this practice be combined with other watershed scale improvements.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect:: The facility, when complete, will need to be maintained by a combination of Public Works and Park & Rec Department staff. The facility's low impact design intentions will provide for lower maintenance once the wetland and native plants systems are fully established than traditional mowed facilities.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------------|------------|------------|---------------|---------------|--------------------------|--------------|--------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Detention Basin Construction | Design | Design | Design / Land | Design / Land | Award Bid / Construction | Construction | Construction | Closeout | -- |

Storm Water Improvements Hamilton Drainage Area Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------------|-------------------------------|
| Chart of Accounts | E304PW99 SM133 | Cost for Plan Period | 14,500,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | 4,000,000 |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 217,600 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | PlanDSM Pgs 48-51 | Estimated Useful Life (years) |
| Ward(s): | 2 | | 50 |
| Neighborhood(s): | Oak Park, Highland Park | Start Date: | Ongoing |
| | | End Date: | Ongoing |

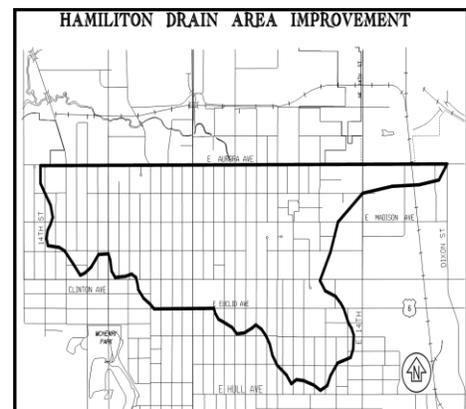
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 281,579 | 175,000 | — | 3,500,000 | — | — | 3,000,000 |
| Revenues: | | | | | | | | | |
| Storm Rev Bonds to be Issued | 14,000,000 | — | — | — | 5,500,000 | — | 3,000,000 | 5,500,000 | — |
| Storm Water Utility Fund | 1,250,000 | 300,000 | 175,000 | 275,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Revenue | 15,250,000 | 300,000 | 175,000 | 275,000 | 5,600,000 | 100,000 | 3,100,000 | 5,600,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 15,250,000 | 18,421 | 281,579 | 450,000 | 2,100,000 | 3,600,000 | 3,100,000 | 2,600,000 | 3,100,000 |
| Ending Cash Balance | | 281,579 | 175,000 | — | 3,500,000 | — | — | 3,000,000 | — |
| Change in Expend. (Prev. Yr.) | (4,575,000) | (56,579) | (118,421) | (3,550,000) | (1,900,000) | 3,350,000 | (900,000) | (1,400,000) | n/a |

Description: This project provides for improvements addressing structural and capacity deficiencies in the Hamilton Drainage area. These improvements will reduce the number of drainage problems in this area. The next improvements, based on priorities identified in the Watershed Study, are located along Shawnee Avenue from 11th Street to 7th Street. Also included in later phases is storm sewer reconstruction from Shawnee Avenue and Columbia Street to Wright Street and Euclid Avenue to replace a deteriorating wooden box storm sewer. A watershed study will be completed to update recommendations in the original 1984 study.

Justification: These improvements were recommended in the Hamilton Drain Storm Water Analysis.

Explanation of Change in Expenditures: This project has been shifted from last year's CIP to reflect anticipated construction contract phasing.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------------|------------|------------|------------|----------------------|----------------------|----------------------|----------------------|------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Storm Sewer Construction | Planning | Planning | Planning | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction |

Storm Water Improvements Leetown Creekway – Outlet Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|----------|
| Chart of Accounts | E304PW99 SM075 | Cost for Plan Period | — |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 558,076 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 50 |
| Ward(s): | 2,4 | Start Date: | Jul 2010 |
| Neighborhood(s): | Accent | End Date: | Jun 2019 |

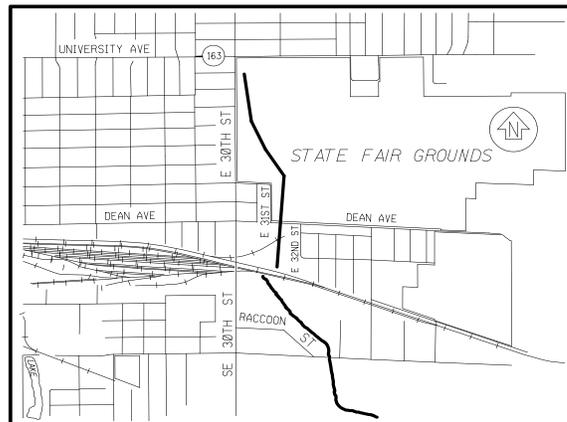
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|------------------|------------------|------------------|------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,788,427 | 3,550,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| DMWW | 152,952 | — | — | 152,952 | — | — | — | — | — |
| Storm Rev Bonds Issued | 2,600,000 | 2,600,000 | — | — | — | — | — | — | — |
| Storm Rev Bonds to be Issued | 7,000,000 | — | 7,000,000 | — | — | — | — | — | — |
| Storm Water Utility Fund | 1,200,000 | 250,000 | — | 950,000 | — | — | — | — | — |
| Total Revenue | 10,952,952 | 2,850,000 | 7,000,000 | 1,102,952 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| SM087 - Flood Mitigation | — | 750,000 | — | — | — | — | — | — | — |
| Total Transfers | 750,000 | 750,000 | — | — | — | — | — | — | — |
| Expenditures | 11,702,952 | 1,811,573 | 5,238,427 | 4,652,952 | — | — | — | — | — |
| Ending Cash Balance | — | 1,788,427 | 3,550,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,852,952 | (488,427) | 1,688,427 | 1,652,952 | — | — | — | — | n/a |

Description: This project provides for storm sewer and drainage way improvements to the area south of East University Avenue to reduce flooding risk in this area. Anticipated improvements include a concrete box storm sewer between University Avenue and Dean Avenue and channel improvements south of Dean Avenue to 4-Mile Creek.

Justification: These improvements were recommended as part of the Leetown Creekway Flood Control Study. To protect residents in this area from flooding. These projects are considered a priority because this area is prone to flooding.

Explanation of Change in Expenditures: This project has been delayed from last year's CIP due to funding constraints and CORPS permitting requirements.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247413 - PW DM-Storm Sewer Maintenance). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|--|------------|--------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Leetown Creekway Channel Improvements | Award Bid | Construction | Construction | Construction | Construction | Closeout | - | - | - |
| Leetown Creekway Box Culvert from Dean Avenue to University Avenue | -- | - | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Construction |

Storm Water Improvements Storm Water Pump Station Rehabilitation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | E304PW99 SM073 | Cost for Plan Period | 9,225,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighborhoods | Estimated Useful Life (years) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2002 |
| Neighborhood(s): | N/A | End Date: | Ongoing |

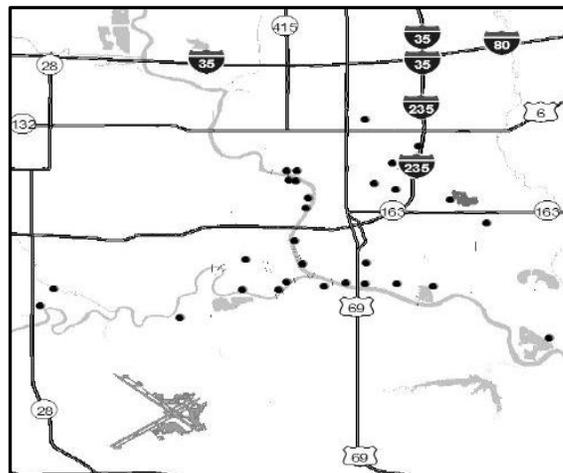
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 113,673 | — | — | 3,000,000 | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Other | 6,165 | 6,165 | — | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 3,000,386 | 2,450,386 | 150,000 | 175,000 | 75,000 | 75,000 | 75,000 | — | — | — |
| Storm Rev Bonds to be Issued | 10,000,000 | — | — | 1,000,000 | 6,000,000 | — | 3,000,000 | — | — | — |
| Storm Rev Bonds Issued | 650,000 | 650,000 | — | — | — | — | — | — | — | — |
| Total Revenue | 13,656,551 | 3,106,551 | 150,000 | 1,175,000 | 6,075,000 | 75,000 | 3,075,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| SM061 - Easter Lake Watershe | (800,000) | (800,000) | — | — | — | — | — | — | — | — |
| Total Transfers | (800,000) | (800,000) | — | — | — | — | — | — | — | — |
| Expenditures | 12,856,551 | 2,192,878 | 263,673 | 1,175,000 | 3,075,000 | 3,075,000 | 3,075,000 | — | — | — |
| Ending Cash Balance | | 113,673 | — | — | 3,000,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 9,106,551 | (107,508) | (536,327) | 1,125,000 | 2,825,000 | 2,825,000 | 3,025,000 | (50,000) | n/a | n/a |

Description: This project provides for replacement of pumps, trash racks, and other pump station infrastructure and equipment throughout the City. \$1,150,000 is included to replace the aging hardware/software of the Supervisory Control and Data Acquisition (SCADA) System which monitors and reports to the WRF Process Control System (PCS) through radio telemetry. The existing infrastructure at the 24 sanitary and 32 storm water pump station locations installed between the late 1980's to early 1990's can no longer be supported and must be updated to current technology to assure long term environmental compliance.

Justification: These projects will help to reduce operating costs, and help improve the reliability of pump stations.

Explanation of Change in Expenditures: Cost estimates have increased as the scope of projects are more clearly defined. Projects in FY20-FY22 were identified in the Flood mitigation project in last year's CIP.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget (E301 PW247414 - PW Storm Pump Stations). However, it should reduce expenses that were incurred before in the area for high water events.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Pump Station Rehabilitation / relief Wells. | On Going |

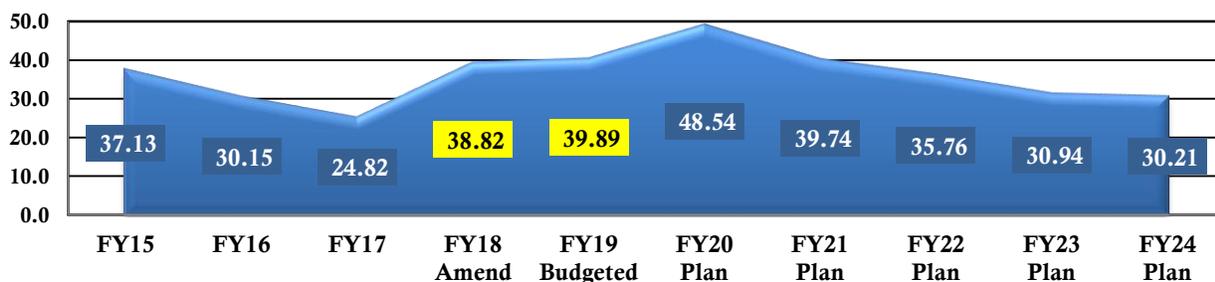
| Storm Water Improvements | | | | | | | | | | |
|--|---|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Expenditures | | | | | | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City-wide Storm Water Utility Projects | 23,155,084 | 14,837,099 | 2,917,985 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 | 900,000 |
| 1 | Closes Creek Watershed Improvements | 16,444,424 | 7,250,236 | 744,188 | 3,750,000 | 550,000 | - | 450,000 | 3,700,000 | - |
| 3,4 | Flood Mitigation Improvements | 88,077,883 | 10,077,883 | 8,500,000 | 23,250,000 | 11,500,000 | 9,000,000 | 9,000,000 | 9,000,000 | 7,750,000 |
| 3,4 | Easter Lake Watershed Improvements | 8,234,738 | 2,275,885 | 1,208,853 | 2,100,000 | 2,650,000 | - | - | - | - |
| 2 | Gray's Station Detention Basin | 2,500,000 | - | 300,000 | 2,200,000 | - | - | - | - | - |
| 2 | Hamilton Drainage Area Improvements | 15,250,000 | 18,421 | 281,579 | 450,000 | 2,100,000 | 3,600,000 | 3,100,000 | 2,600,000 | 3,100,000 |
| 2,4 | Leetown Creekway – Outlet Improvement | 11,702,952 | 1,811,573 | 5,238,427 | 4,652,952 | - | - | - | - | - |
| 1,2,3,4 | Storm Water Pump Station Rehabilitation | 12,856,551 | 2,192,878 | 263,673 | 1,175,000 | 3,075,000 | 3,075,000 | 3,075,000 | - | - |
| Total Expenditures = | | 178,221,632 | 38,463,975 | 19,454,705 | 38,477,952 | 20,775,000 | 16,575,000 | 16,525,000 | 16,200,000 | 11,750,000 |

| Storm Water Improvements | | | | | | | | | | |
|--|---|-------------------|--------------------|--------------------|------------------|------------------|-------------------|-------------------|------------------|----------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | | | | |
| Change in Expenditures from Last Year's Document | | | | | | | | | | |
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | City-wide Storm Water Utility Projects | 2,474,842 | (693,143) | 2,167,985 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | n/a |
| 1 | Closes Creek Watershed Improvements | 1,750,000 | (594,188) | 494,188 | 250,000 | 550,000 | - | 200,000 | 850,000 | n/a |
| 3,4 | Flood Mitigation Improvements | 27,085,064 | (1,264,936) | (5,800,000) | 5,650,000 | 1,500,000 | 9,000,000 | 9,000,000 | 9,000,000 | n/a |
| 3,4 | Easter Lake Watershed Improvements | 2,948,218 | (420,635) | (581,147) | 1,300,000 | 2,650,000 | - | - | - | n/a |
| 2 | Gray's Station Detention Basin | 2,500,000 | - | 300,000 | 2,200,000 | - | - | - | - | n/a |
| 2 | Hamilton Drainage Area Improvements | (4,575,000) | (56,579) | (118,421) | (3,550,000) | (1,900,000) | 3,350,000 | (900,000) | (1,400,000) | n/a |
| 2,4 | Leetown Creekway – Outlet Improvement | 2,852,952 | (488,427) | 1,688,427 | 1,652,952 | - | - | - | - | n/a |
| 1,2,3,4 | Storm Water Pump Station Rehabilitation | 9,106,165 | (107,508) | (536,327) | 1,125,000 | 2,825,000 | 2,825,000 | 3,025,000 | (50,000) | n/a |
| Total Change = | | 44,142,241 | (3,625,416) | (2,385,295) | 8,827,952 | 5,825,000 | 15,375,000 | 11,525,000 | 8,600,000 | - |

Street Improvements Summary 2018-19/2023-24 Capital Improvements Program

These projects relate to the design, construction, rehabilitation, and preventive maintenance of the City's street, sidewalk, skywalk, and traffic control systems. The City has over 974 center-lane miles of paved, and 37 center-lane miles of unpaved streets, 3,700,000+ lineal feet (700 miles) of sidewalks, 58 skywalk bridges, 400+ traffic signals, and 100 school flashing beacons. **The City's skywalks had a 2018 replacement value of over \$40 million.**

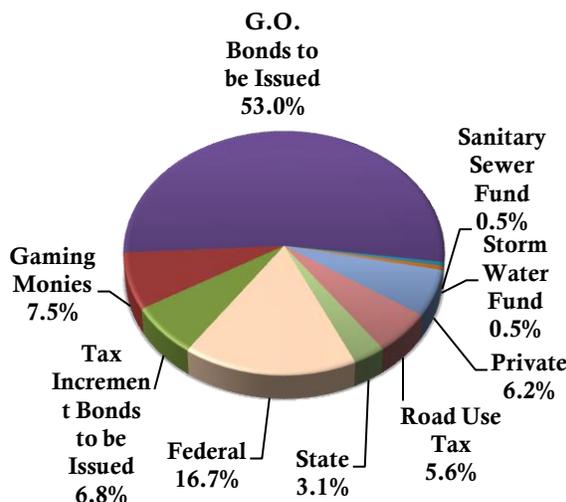
STREET CIP EXPENDITURES FY15-17 (ACTUAL), FY18-FY19 (BUDGETED), & FY20-24 (PLAN)



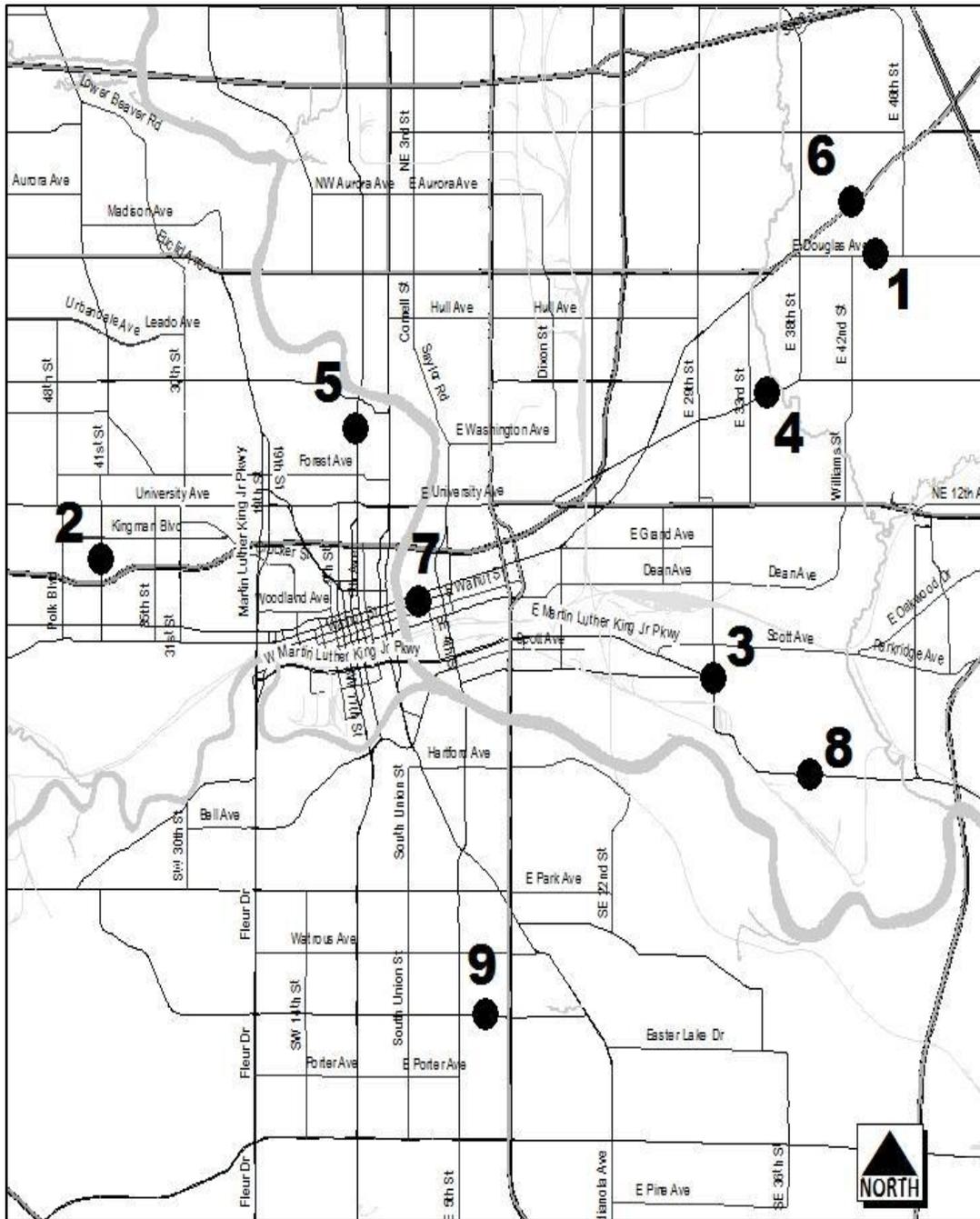
EXPENDITURES

Over **\$202 million** is planned to be spent on projects in the Street Improvements category over the six-year period averaging \$33.7 million/year. Major projects include: East Douglas Ave Widening - E 42nd - E 56th (FY18-FY24); E 42nd and Hubbell Ave. Intersection Imp. (FY16-FY18); 42nd Avenue Streetscape (FY16-FY18); Hubbell Ave Imp. E 33rd - # 38th (FY16-FY20); Indianola Ave Widening - E Army Post Rd - Hwy-69 (FY19-FY23); McKinley Ave Widening - SE 5th - SE 14th (FY17-FY19); Merle Hay Road and Hickman Intersection (FY21-FY24); Merle Hay Road Widening - Boston Ave - Douglas Ave (FY20-FY24); Sixth Ave Streetscape (FY18-FY21); SE 30th Widening - RR Viaduct to SE Connector (FY20-FY24); Vandalia Road Imp. (FY18-FY19); and Walnut Street Renovation (FY16-FY21). Approximately \$10 million/year is also designated for ongoing Street Improvement projects - \$6.6 million; Sidewalk/Skywalk - \$2.3 million; and Traffic Control - \$1 million projects. Projects are coordinated with the Metropolitan Planning Organization (MPO). Southeast Connector - S.E. 30th Street to US 65 is the last leg of the SE Connector project that is anticipated to cost more than \$50 million by the time it is complete sometime beyond 2025.

STREET CIP - FUNDING SOURCES FY 2018-19/2023-24



Street Improvements Summary 2018-19/2023-24 Capital Improvements Program



| | | |
|---|---|---------------------------|
| 1 | E Douglas E 42nd to E 56th | FY19-FY24 - \$13,000,000 |
| 2 | 42nd Ave Streetscape | FY17-FY18 - \$2,530,000 |
| 2 | SE Connector - E 30th - US 65 | FY17-FY25 - \$50,000,000 |
| 4 | Easton E 34th to 4 Mile Creek | FY17-FY19 \$1,700,000 |
| 5 | Sixth Avenue Streetscape | FY17 - FY21 - \$6,700,000 |
| 6 | E 42nd and Hubbell Ave Intersection Imp | FY16-FY18 \$3,150,000 |
| 7 | E Village Street Improvements | FY17 - FY19- \$1,675,000 |
| 8 | Vandalia Street Improvements | FY18 - FY19 - \$1,250,000 |
| 9 | McKinley Avenue Widening | FY17 - FY18 - \$2,000,000 |

**Street Improvements
Summary
2018-19/2023-24 Capital Improvements Program**

Cost for Plan Period 185,178,000
Cost Beyond Six-year Period 65,700,000
Committed 06-30-2017: 6,751,826

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 15,857,345 | 5,015,000 | 1,900,000 | 3,878,000 | 4,600,000 | 5,100,000 | 5,400,000 |
| Revenues: | | | | | | | | | |
| ARRA - Federal Stimulus | 4,135,486 | 4,135,486 | — | — | — | — | — | — | — |
| Assessments | 3,376,121 | 2,901,121 | — | — | 95,000 | 95,000 | 95,000 | 95,000 | 95,000 |
| DMWW | 1,777,972 | 430,182 | 562,790 | 785,000 | — | — | — | — | — |
| Federal | 20,498,245 | 8,144,201 | 1,786,044 | 940,000 | 2,418,000 | 4,790,000 | 1,140,000 | 1,140,000 | 140,000 |
| Federal - Pending | 14,700,000 | — | — | — | 500,000 | 525,000 | 5,625,000 | 4,525,000 | 3,525,000 |
| Federal CDBG | 563,380 | 563,380 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 124,870,459 | 110,995,459 | 13,875,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 125,450,000 | — | — | 20,150,000 | 24,425,000 | 21,025,000 | 22,075,000 | 18,250,000 | 19,525,000 |
| Gaming Monies | 53,559,913 | 38,309,913 | 2,425,000 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| I-Jobs | 1,686,399 | 1,686,399 | — | — | — | — | — | — | — |
| Other | 1,745,214 | 1,337,843 | 157,371 | 250,000 | — | — | — | — | — |
| Polk County | 36,472 | 36,472 | — | — | — | — | — | — | — |
| Private | 11,260,186 | 4,410,186 | 325,000 | 625,000 | 3,500,000 | 900,000 | 500,000 | 500,000 | 500,000 |
| Road Use Tax | 26,925,000 | 5,225,000 | 3,500,000 | 2,700,000 | 3,700,000 | 2,950,000 | 2,950,000 | 2,950,000 | 2,950,000 |
| Sale of Land | 2,014,408 | 642,408 | 872,000 | 500,000 | — | — | — | — | — |
| Sanitary Sewer Fund | 1,314,284 | 102,284 | 112,000 | 350,000 | 750,000 | — | — | — | — |
| State | 12,984,925 | 6,127,511 | 1,307,414 | 2,300,000 | 2,650,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| State - Pending | 1,850,000 | — | — | 150,000 | 200,000 | — | 500,000 | 500,000 | 500,000 |
| Storm Rev Bonds Issued | 457,164 | 457,164 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 2,951,392 | 110,275 | 991,117 | 1,750,000 | 100,000 | — | — | — | — |
| Tax Increment Funds | 395,000 | — | — | 395,000 | — | — | — | — | — |
| Tax Increment Bonds Issued | 22,608,144 | 19,448,144 | 3,160,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 24,725,000 | — | — | 3,450,000 | 9,975,000 | 7,925,000 | 1,125,000 | 1,125,000 | 1,125,000 |
| Total Revenue | 459,885,164 | 205,063,428 | 29,073,736 | 36,770,000 | 50,513,000 | 40,460,000 | 36,260,000 | 31,235,000 | 30,510,000 |
| Total Transfers | (1,884,104) | (784,104) | (1,100,000) | — | — | — | — | — | — |
| Expenditures | 452,301,060 | 188,421,979 | 38,816,081 | 39,885,000 | 48,535,000 | 39,738,000 | 35,760,000 | 30,935,000 | 30,210,000 |
| Ending Cash Balance |  | 15,857,345 | 5,015,000 | 1,900,000 | 3,878,000 | 4,600,000 | 5,100,000 | 5,400,000 | 5,700,000 |
| Change in Expend. (Prev. Yr.) | 20,009,860 | (12,003,221) | 7,285,081 | 5,725,000 | 15,325,000 | 7,478,000 | (25,000) | (3,775,000) | — |
| Transfer Closed Projects | — | — | — | — | — | — | — | — | — |

Street Improvements Active Transportation 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038PW99 ST269 | Cost for Plan Period | 1,250,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Alive DT, Effectiv PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|----------------|---------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Revenue | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | n/a |

Description: This project provides for improvements associated with multimodal transportation such as walking, bicycling, and transit. These improvements include constructing sidewalks to address missing gaps in pedestrian routes. This project also addresses programs which promote walking to school with improved crossings and programs such as Step It Up.

Justification: This project addresses the City's goals of improving Active Transportation in the City of Des Moines for walking, biking, and transit to work and school.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect: This project will increase staff costs to maintain improved school crossings and maintain new pedestrian signal crossing. This project may reduce the costs associated maintenance needs such as staffing, materials, and fleet equipment when replacing aging traffic signal infrastructure.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--------------------------------|-------------------------|-------------------------|--------------|--------------|--------------|-------------------------|-------------------------|--------------|--------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Active Transportation Projects | Design, Plans, Specs | Design, Plans, Specs | Construction | Construction | Construction | Design, Plans, Specs | Design, Plans, Specs | Construction | Construction |

Street Improvements
Arterial Pavement Rehabilitation
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|------------|
| Chart of Accounts | C038EG99 ST267 | Cost for Plan Period | 20,000,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Alive DT, Effectiv PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 50 |
| Ward(s): | 3 | Start Date: | Jul 2017 |
| Neighborhood(s): | Downtown | End Date: | Jun 2025 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|----------------|---------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (7,096) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 50,000 | — | 50,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 24,000,000 | — | — | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 |
| Tax Increment Bonds to be Issued | 5,000,000 | — | — | — | 2,500,000 | 2,500,000 | — | — | — |
| Total Revenue | 24,050,000 | — | 50,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 24,050,000 | 7,096 | 42,904 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 |
| Ending Cash Balance | — | (7,096) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | 7,096 | (7,096) | — | — | — | — | — | n/a |

Description: An arterial pavement evaluation was conducted for a number of roadways within the city. The evaluation identified several reconstruction projects to extend the roadway life. The project will include various pavement structural overlays including the reconstruction of the northbound lanes of Fleur Drive from Bell Avenue to Walrus Avenue in 2019. The Southbound lanes of Fleur Drive from Bell Avenue to Walrus Avenue is planned for FY2020. \$5 million is planned in FY2020-FY2021 for the reconstruction of 2nd Avenue. The Scope of the project and timing of this project will need to be coordinated with the reconstruction of the Second Avenue Bridge over the Des Moines River and the Sixth Avenue Streetscape projects. Preliminary planning in the summer of 2018 will provide further information to create a separate project sheet for next year's CIP.

Justification: Only 41 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of major city streets, and rank improving the condition of major city streets as the #1 priority of the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: The project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. In addition to this funding, \$300,000 per year in Road Use Tax funds (S360) are set aside for this purpose. The project will help reduce maintenance expenses in the Road Use Fund for crack sealing and other preventative maintenance activities.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--|----------------------|----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Fleur Drive - Bell to Watrous - NB Lanes | Design, Plans, Specs | Design, Plans, Specs / Award Bid | Construction | Construction | Construction | Construction | Construction | Closeout | - |
| Fleur Drive - Bell to Watrous - SB Lanes | Design | Design | Design | Design | Design | Award Bid | Construction | Construction | Construction |

Street Improvements Asphaltic Paving Restoration Program 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038PW99 ST003 | Cost for Plan Period | 6,875,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 12,417 |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Alive DT, Effectiv PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 205,618 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 17,404,059 | 16,679,059 | 725,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 4,475,000 | — | — | 725,000 | 750,000 | 750,000 | 750,000 | 750,000 | 750,000 |
| Other | 33,890 | 33,890 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 4,109,706 | 3,749,706 | 360,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 2,250,000 | — | — | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 |
| Road Use Tax | 1,500,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| State | 444,100 | 444,100 | — | — | — | — | — | — | — |
| Total Revenue | 30,216,755 | 20,906,755 | 1,085,000 | 1,350,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 |
| Transfers In (Out): | | | | | | | | | |
| ST205 - Neighb Infrastructre Im | 483,342 | 483,342 | — | — | — | — | — | — | — |
| Total Transfers | 483,342 | 483,342 | — |
| Expenditures | 30,700,097 | 21,184,479 | 1,290,618 | 1,350,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 |
| Ending Cash Balance | / | 205,618 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 3,108,342 | 277,724 | 205,618 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | n/a |

Description: This project provides for partial and full depth patching, surface milling, and hot mix asphalt (HMA) overlay on residential and arterial streets. This project allows for approximately 65,000 SY (80 residential blocks) of overlay by outside contractors per year. The city has 213 miles of arterial and 700 miles of residential streets. In addition to this project, additional funds are budgeted in the Neighborhood Infrastructure Rehabilitation Program (STR205), and \$300,000 per year in Road Use Tax funds are set aside in the operating budget for similar work. Tax Increment Bonds revenue is for work in the Metro Center Tax District.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. In addition to this funding, \$300,000 per year in Road Use Tax funds (S360) are set aside for this purpose. The project will help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------------|------------|------------|----------------------|---------------------------------|--------------|--------------|----------------------|---------------------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2018 HMA Pavement Scarification | — | — | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction | Construction | Closeout | — | — |
| 2019 HMA Pavement Scarification | — | — | — | — | — | — | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction |

Street Improvements Concrete Curb Replacement Program 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|-----------|
| Chart of Accounts | C038PW99 ST103 | Cost for Plan Period | 1,750,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Effective Trans PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (75,743) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 11,173,907 | 10,823,907 | 350,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 2,100,000 | — | — | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Road Use Tax | — | — | — | — | — | — | — | — | — |
| Other | 1,092 | 1,092 | — | — | — | — | — | — | — |
| Total Revenue | 13,274,999 | 10,824,999 | 350,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 13,274,999 | 10,900,742 | 274,257 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Ending Cash Balance | | (75,743) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 350,000 | 75,743 | (75,743) | — | — | — | — | — | n/a |

Description: This project provides ongoing for repair and replacement of concrete curbs and median islands. The city has 1,400 miles of curbs, 128 miles (9 percent) of which are in various stages of deterioration. The city also has approximately 220 street median islands. This project provides funding to replace approximately 20,000 lf (3.8 miles) of curb per year - all by city crews. Funding for an additional 20,000 lf of curb is also available in the Neighborhood Infrastructure Rehabilitation Program project (STR205).

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: Half the funding shown that was planned in last year's CIP has been shifted to the Concrete Paving Restoration (CPR) project.

Operating Budget Effect: This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The Road Use Tax fund (S360) is reimbursed about \$460,000 annually (FY2018 dollars) for labor and equipment of Public Works crews performing this work.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------------|--------------|--------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2017 PW PCC Curb Program | Construction | Construction | — | — | — | — | — | — | — |
| 2018 PW PCC Curb Program | — | — | Design, Plans, Specs | Design, Plans, Specs | Construction | Construction | — | — | — |
| 2019 PW PCC Curb Program | — | — | — | — | — | — | Design, Plans, Specs | Design, Plans, Specs | Construction |

Street Improvements
Concrete Paving Restoration Program – Public Works
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|-----------|
| Chart of Accounts | C038PW99 ST102 | Cost for Plan Period | 5,375,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Effective Trans PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (271,509) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 10,290,966 | 9,940,966 | 350,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 2,100,000 | — | — | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| Road Use Tax | 6,758,047 | 1,483,047 | 925,000 | 725,000 | 725,000 | 725,000 | 725,000 | 725,000 | 725,000 |
| Other | 28,875 | 28,875 | — | — | — | — | — | — | — |
| State | 4,121 | 4,121 | — | — | — | — | — | — | — |
| Total Revenue | 19,182,009 | 11,457,009 | 1,275,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 19,182,009 | 11,728,518 | 1,003,491 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 |
| Ending Cash Balance | | (271,509) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,275,575 | 272,084 | (71,509) | — | — | — | — | — | n/a |

Description: The City has approximately 450 miles of portland cement concrete streets. This project provides for preventive maintenance of such streets, including panel removal and replacement, and full depth patching. Budgeted funds are targeted for approximately 5,000 SY of work to be done solely by Public Works Department crews, with an additional 6,000 SY of work performed by City crews and private contractors together. The estimated cost for concrete pavement restoration is \$70,000 per mile.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: The Road Use Tax fund (S360) is reimbursed about \$280,000 annually (FY2018 dollars) for labor and equipment of Public Works crews performing the work in this project.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------------------|--------------|--------------|---------------------------|---------------------------------------|--------------|--------------|---------------------------|---------------------------------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2017 PCC Pavement Restoration | Construction | Construction | Closeout; Construction | — | — | — | — | — | — |
| 2018 PCC Pavement Restoration | — | — | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction | Construction | Closeout; Construction | — | — |
| 2019 PCC Pavement Restoration | — | — | — | — | — | — | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction |

**Street Improvements
Connect Downtown
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 ST261 | Cost for Plan Period | 5,000,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 351,175 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Jun 2015 |
| Neighborhood(s): | | End Date: | Jun 2035 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|------------------|----------------|----------------|----------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (321,542) | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Private | 2,850,000 | — | — | 350,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Tax Increment Bonds Issued | 400,000 | — | 400,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 3,000,000 | — | — | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Total Revenue | 6,250,000 | — | 400,000 | 850,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Transfers In (Out): | | | | | | | | | |
| ST219 - SE Connector | 120,000 | 120,000 | — | — | — | — | — | — | — |
| Total Transfers | 120,000 | 120,000 | — | — | — | — | — | — | — |
| Expenditures | 6,370,000 | 441,542 | 78,458 | 850,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Ending Cash Balance | // | (321,542) | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (270,000) | 201,542 | (321,542) | (150,000) | — | — | — | — | n/a |

Description: This project includes improvements to the City's downtown transportation system focused on pedestrian, bicyclist, and transit modes of travel identified through the Connect Downtown plan. The projects planned for FY 19 are Cherry Street from 5th Avenue to 12th Street, 4th Street 1-way to 2-way conversion between Locust Street and Grand Avenue, and the removal of the traffic signals at 4th and Walnut Streets. Projects planned to be designed in FY19 are E. Grand Avenue permanent implementation from the Des Moines River to E. 15th Street, Keosauqua Way and Oak Ridge Drive pedestrian improvements, 12th Street permanent implementation of the pilot project between MLK and Grand Avenue, and the permanent implementation of the 2015 parking restriction removals. Private funding is expected for 50% of the costs associated with these projects.

Justification: This project includes improvements to the City's downtown transportation system focused on pedestrian, bicyclist, and transit modes of travel identified through the Connect Downtown plan.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: This study will require a considerable amount of staff time due to the substantial public involvement that will be required. Staff will charge their hours to the project. The full impact of this project can not be estimated until the study is complete and projects are determined.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------|------------|------------|------------|------------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Traffic modeling | RFP | RFP/Study | Study | Study | Study/Eval | Study/Eval | CIP Planning | CIP Planning | -- |
| 2018 Improvements | Design | Design | Design | Design/Award Bid | Construction | Construction | Construction | Construction | Closeout |

Street Improvements Corridor Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST265 | Cost for Plan Period | 2,500,000 |
| Department Responsible: | Community Development | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Alive DT, Effectiv PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2017 |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 26,000 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 500,000 | — | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 3,000,000 | — | — | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Private | — | — | — | — | — | — | — | — | — |
| Total Revenue | 3,500,000 | — | 500,000 |
| Transfers In (Out): | | | | | | | | | |
| TR101 - Trans.Master Plan | 26,000 | 26,000 | — | — | — | — | — | — | — |
| Total Transfers | 26,000 | 26,000 | — |
| Expenditures | 3,526,000 | — | 526,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Ending Cash Balance | | 26,000 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 525,000 | (16,000) | 41,000 | — | — | — | — | — | n/a |

Description: This project provides for the City's share of the design and construction of corridor enhancements. CIP funds may be leveraged with other public and/or private grant funds. This project is not intended for traditional streetscape projects. Rather the project will provide implementation funding for corridor improvements that are identified in a corridor plan. It is anticipated that corridor plans could become a regular work program item for Community Development. These CIP funds will be administered by the Neighborhood Development Division of Community Development. Corridor plans would be selected periodically through a competitive application process similar to the neighborhood plan selection process. This process would include final approval by the City Council. Corridors can span multiple neighborhoods and City Council Wards, which make them ideal for candidates for planning and revitalization efforts. Corridor improvements may include but are not limited to, intersection/node enhancements, sidewalk and walkability improvements, median enhancements, public art and murals, facade improvements on private property, etc. Consultants may be used for design of these projects. A corridor planning policy will be created to guide the project's implementation.

Justification: These projects are the outcome of corridor planning efforts to improve the appearance of commercial corridors in the City. Corridor improvements have emerged as a high priority through the City Council's Strategic Plan, as well as in PlanDSM, The Tomorrow Plan, Capital Crossroads, etc.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: In the event that a project installation will require ongoing maintenance costs, private sources will be pursued before public funds. Self-Supported Municipal Improvement Districts (SSMID) may be created, if appropriate, to help fund ongoing maintenance or other corridor improvements.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Douglas Ave Corridor Imp | Study | Study | Study | Study | -- | -- | -- | -- | -- |

Street Improvements

East Douglas Ave Widening - E 42nd - E 56th

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST270 | Cost for Plan Period | 9,800,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 2,800,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Great Neighb., Alive DT, Effectiv PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 50 |
| Ward(s): | 2 | Start Date: | Jul 2017 |
| Neighborhood(s): | Sheridan Gardens, Brooks Run | End Date: | Jun 2024 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|-------------|---------|----------------|------------------|------------------|------------------|-------------|---------|---|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Federal | 3,000,000 | — | — | — | 1,000,000 | 2,000,000 | — | — | — | — |
| Federal - Pending | 1,100,000 | — | — | — | — | — | 1,100,000 | — | — | — |
| G.O. Bonds to be Issued | 6,200,000 | — | — | 500,000 | 1,700,000 | 2,000,000 | 2,000,000 | — | — | — |
| Total Revenue | 10,300,000 | — | — | 500,000 | 2,700,000 | 4,000,000 | 3,100,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 10,300,000 | — | — | 500,000 | 2,700,000 | 4,000,000 | 3,100,000 | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (1,200,000) | — | — | 100,000 | 2,400,000 | — | (900,000) | (2,800,000) | n/a | |

Description: This project consists of improving and widening East Douglas Avenue between E. 42nd Street and E. 56th Street. A three-lane roadway with one lane in each direction along with a center left turn lane is planned for the roadway. The proposed roadway will also incorporate bicycle lanes in each direction and a trail along the south side of the roadway. The roadway would also be improved to urban standards including construction of curb, sidewalks, and a storm sewer where needed. The City has obtained federal funding for part of this project.

Justification: Anticipated development in the northeast section of the City will result in increased traffic, accelerated deterioration of the old pavements, and increased maintenance costs.

Explanation of Change in Expenditures: This project has been moved up from one year from last year's CIP.

Operating Budget Effect: This project will add approximately 1.5 lane miles of paving. Funding for the maintenance of City streets, including snow removal, comes out of the Road Use tax Fund (\$360) which is funded almost completely from Road Use Tax receipts.



| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|--|----------------------|----------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| E Douglas Ave - E 42nd Street to E 56th Street | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Construction | Construction | Construction |

Street Improvements

East 42nd and Hubbell Ave Intersection Improvements

2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|---|--|-----------------------------|----|
| Chart of Accounts | C038EG99 ST257 | Cost for Plan Period | — | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — | |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 25 |
| Ward(s): | 2 | Start Date: | Jul 2015 | |
| Neighborhood(s): | None | End Date: | Dec 2018 | |

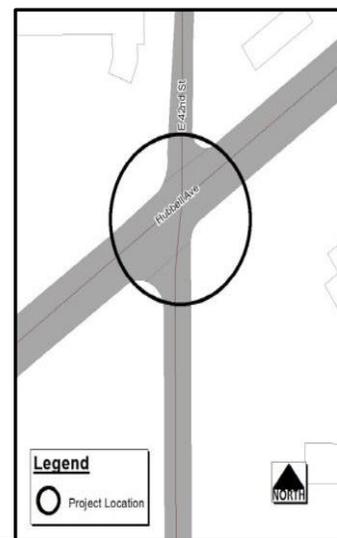
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|--------------------|------------------|------------------|------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,664,840 | 500,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 1,700,000 | — | — | 200,000 | — | — | — | — | — |
| G.O. Bonds Issued | 1,700,000 | 1,850,000 | — | — | — | — | — | — | — |
| State | 700,000 | — | 400,000 | 300,000 | — | — | — | — | — |
| State - Pending | — | — | — | — | — | — | — | — | — |
| Total Revenue | 2,750,000 | 1,850,000 | 400,000 | 500,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST500 - Fed Title 23 Land Sale | 150,000 | — | 150,000 | — | — | — | — | — | — |
| Total Transfers | 150,000 | — | 150,000 | — | — | — | — | — | — |
| Expenditures | 2,900,000 | 185,160 | 1,714,840 | 1,000,000 | — | — | — | — | — |
| Ending Cash Balance | | 1,664,840 | 500,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 150,000 | (1,364,840) | 514,840 | 1,000,000 | — | — | — | — | n/a |

Description: This project provides for the installation of a new traffic signal at the intersection of E 42nd and Hubbell Avenue along with widening for left turn lanes on Hubbell and right turn lanes on E 42nd Street. A right turn lane is also proposed on the south leg of E 42nd Street.

Justification: A traffic analysis completed in December 2013 shows that this intersection warrants a traffic signal and that the future installation of a signal should be explored. Signalization should take place in conjunction with widening of Hubbell Ave to provide left-turn lanes.

Explanation of Change in Expenditures: This project has increased in cost due to updated cost estimates.

Operating Budget Effect: Although, the project by itself is not be expected to have a significant impact on the operating departments responsible for maintaining these improvements (all part of the General/Road Use Fund), the cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment during the life of these improvements.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------|----------------|----------------|------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Intersection Improvements | Design, Plans, | Design, Plans, | Award Bid | Construction | Construction | Construction | -- | -- | -- |

Street Improvements East Village Street Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|----------|
| Chart of Accounts | C038EG99 ST262 | Cost for Plan Period | 600,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 56,373 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans., Alive DT PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 4 | Start Date: | Jan 2016 |
| Neighborhood(s): | East Village | End Date: | Jun 2019 |

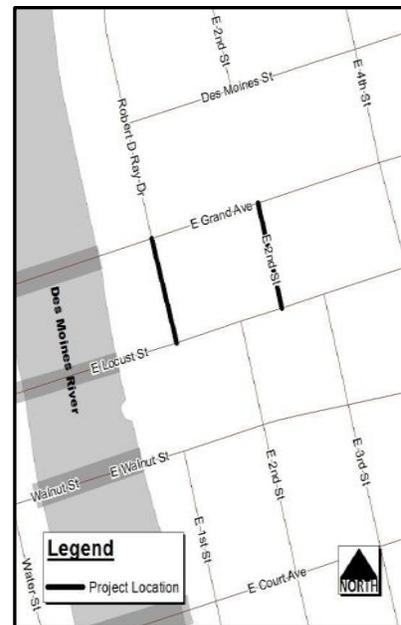
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|------------------|----------------|------------------|------------------|----------------|----------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 251,051 | — | — | 300,000 | — | — | — | — |
| Revenues: | | | | | | | | | | |
| DMWW | 75,000 | — | 75,000 | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 800,000 | 800,000 | — | — | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 600,000 | — | — | — | 600,000 | — | — | — | — | — |
| Total Revenue | 1,475,000 | 800,000 | 75,000 | — | 600,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| ST231 - Streetscape Improvement | 200,000 | 200,000 | — | — | — | — | — | — | — | — |
| Total Transfers | 200,000 | 200,000 | — | — | — | — | — | — | — | — |
| Expenditures | 1,675,000 | 748,949 | 326,051 | — | 300,000 | 300,000 | — | — | — | — |
| Ending Cash Balance | | 251,051 | — | — | 300,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | 473,949 | (473,949) | (600,000) | 300,000 | 300,000 | — | — | — | n/a |

Description: This project provides for the reconstruction of E. 2nd Street and Robert D. Ray Drive from Locust Street to Grand Avenue. This project will include sidewalk improvements, storm sewer, pedestrian lighting, and planters. This project is being coordinated with the construction of the City Hall parking garage. E. 2nd Street is planned for 2017 and Robert D. Ray Drive will be reconstructed after the

Justification: This project is being coordinated with the construction of improvement across from City Hall.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project is not expected to have any impact on the operating budget.



| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|--------------------|----------------------|----------------------|------------|--------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| Robert D Ray Drive | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction | Construction | Closeout | -- | -- |

Street Improvements

Easton Blvd - E. 34th St/4-Mile Crk Curb Const

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST263 | Cost for Plan Period | 1,700,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | Estimated Useful Life (yrs) | 50 |
| Ward(s): | 2 | Start Date: | Jul 2016 |
| Neighborhood(s): | Gray's Woods | End Date: | Jun 2021 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-----------------|------------------|--------------------|------------------|----------------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 189,045 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 600,000 | 100,000 | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,600,000 | — | — | — | 1,000,000 | 600,000 | — | — | — |
| Storm Water Utility Fund | 100,000 | — | — | — | 100,000 | — | — | — | — |
| Total Revenue | 2,300,000 | 100,000 | 500,000 | — | 1,100,000 | 600,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST259 - Hubbell Ave Imp E 33 | (589,045) | — | (589,045) | — | — | — | — | — | — |
| SM057 - City-Wide Storm Wat | — | 100,000 | (100,000) | — | — | — | — | — | — |
| Total Transfers | (589,045) | 100,000 | (689,045) | — | — | — | — | — | — |
| Expenditures | 1,710,955 | 10,955 | — | — | 1,100,000 | 600,000 | — | — | — |
| Ending Cash Balance | | 189,045 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 10,955 | (89,045) | (300,000) | (1,300,000) | 1,100,000 | 600,000 | — | — | n/a |

Description: This project provides for the reconstruction of Easton Boulevard from E. 34th Street to the approach paving at the Four Mile Creek bridge. The project also includes the construction of a storm sewer system. This project will include the construction of bike lanes along Easton Blvd. with a sidewalk connection from E 33rd to E 32nd Street. The project will also provide a connection from Grandview Park to the Gay Lea Wilson Trail.

Justification: Currently the street drainage is conveyed along the edge of the roadway in shallow ditches. This project will improve the roadway drainage and safety on this collector street.

Explanation of Change in Expenditures: This project has been delayed one year from last year's

Operating Budget Effect: This project will increase the operating budget of the Sewer Maintenance Division due the additional sewers. This project will help reduce maintenance expenses in the Road Use Tax Fund for shoulder maintenance.



| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|------------------------------------|---------------|---------------|----------------------|----------------------|----------------------|------------|--------------|--------------|--------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Easton Blvd. - E.34th to Four Mile | Prelim Design | Prelim Design | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award bid | Construction | Construction | Construction |

Street Improvements 42nd Street Streetscape 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|----------|
| Chart of Accounts | C038EG99 ST258 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustain. Comm., Comm. Characte PlanDSM 13-14, 25, 49-50. | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 3 | Start Date: | Jul 2014 |
| Neighborhood(s): | Drake, Waveland Park | End Date: | Jun 2018 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|------------------|------------------|------------------|---------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 1,358,438 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| DMWW | 13,200 | — | 13,200 | — | — | — | — | — | — | — |
| Federal | 480,000 | 388,967 | 91,033 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,000,000 | 1,000,000 | — | — | — | — | — | — | — | — |
| Private | 278,016 | 278,016 | — | — | — | — | — | — | — | — |
| Road Use Tax | 150,000 | — | 150,000 | — | — | — | — | — | — | — |
| State | 550,336 | 97,242 | 453,094 | — | — | — | — | — | — | — |
| Storm Rev Bonds Issued | 457,164 | 457,164 | — | — | — | — | — | — | — | — |
| Total Revenue | 2,928,716 | 2,221,389 | 707,327 | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,928,716 | 862,951 | 2,065,765 | — | — | — | — | — | — | — |
| Ending Cash Balance | | 1,358,438 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 398,716 | (567,049) | 965,765 | — | — | — | — | — | — | n/a |

Description: This project provides for streetscape improvements along 42nd Street from I-235 to Crocker Street. This includes sidewalk improvements, storm sewer, lighting, roadway modifications, and traffic signals. The project also includes a storm sewer from I-235 to Crocker Street. This will provide the opportunity to separate the combined sewer in the area in order to comply with the IDNR decree.

Justification: This project was undertaken as a result of a neighborhood planning effort and at the request of the Roosevelt Cultural District.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: A Self Supporting Municipal District (SSMID) will need to be created prior to the project starting to provide funding for the maintenance of these improvements. The addition of traffic signals, HAWK signals, and pavement markings will be increases to the operating budget.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|-------------------------|------------|------------|----------------------------|--------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| 42nd Street Streetscape | Design | Design | Award Bid/ Construction | Construction | Construction | Construction | Construction | Construction | Closeout |

**Street Improvements
Fed Title-23 Land Sales
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|---|--|--------------------------------|
| Chart of Accounts | C038EG99 ST500 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|--------------------|------------------|------------------|------------------|------------|---------|---------|---------|---------|-----|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | (22,386) | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Sale of Land | 2,014,408 | 642,408 | 872,000 | 500,000 | — | — | — | — | — | — |
| State | 606,959 | 591,359 | 15,600 | — | — | — | — | — | — | — |
| Other | 51,849 | 44,649 | 7,200 | — | — | — | — | — | — | — |
| Total Revenue | 2,673,216 | 1,278,416 | 894,800 | 500,000 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| ST257 - E 42nd and Hubbell In | (150,000) | — | (150,000) | — | — | — | — | — | — | — |
| ST256 - SE Conn SE 30th to U | (1,222,414) | — | (722,414) | (500,000) | — | — | — | — | — | — |
| Total Transfers | (1,372,414) | — | (872,414) | (500,000) | — | — | — | — | — | — |
| Expenditures | 1,300,802 | 1,300,802 | — | — | — | — | — | — | — | — |
| Ending Cash Balance | /// | (22,386) | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (683,665) | (683,665) | — | — | — | — | — | — | — | n/a |

Description: This project is for purchasing property and constructing roadway projects allowed by the Federal Highway Administration, Iowa Department of Transportation (IDOT), under Code of Federal Regulations Title 23 - Highways, Part 710, Subpart D. The City may retain the Federal portion of income from the sale or lease of property previously acquired with Title 23 funding if the funds are held to purchase properties or construct roadway projects in the near future that are eligible for Title 23, Federal funding. These funds are also used for costs required to dispose of Federally encumbered properties. This program is subject to IDOT oversight and approval.

Justification: These funds may only be used on projects eligible for funding under Title 23 of the United States Code in the current CIP such as the Southeast Connector or East Indianola Ave Widening project. This account allows the City to reuse the Federal funds to purchase future property instead of returning the funds to the Federal Government and applying for additional funding through the MPO.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project, by itself, is not anticipated to have a significant impact on the operating budget.

| Jul-Sep 19 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| WORKPLAN | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Right-of way Purchase | Land/ROW Acq |

Street Improvements Gray's Parkway 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST271 | Cost for Plan Period | 750,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 2 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

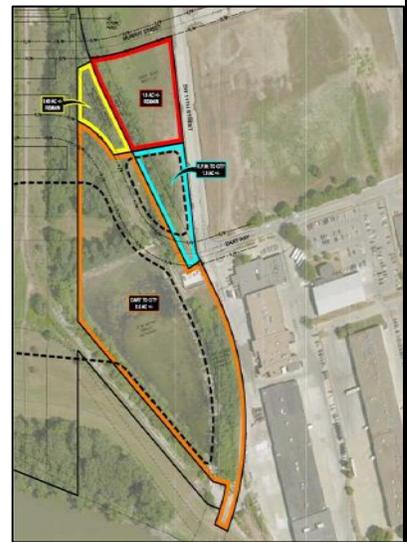
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-------------|---------|----------------|----------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Tax Increment Bonds to be Issued | 1,000,000 | — | — | 250,000 | 750,000 | — | — | — | — |
| Total Revenue | 1,000,000 | — | — | 250,000 | 750,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,000,000 | — | — | 250,000 | 750,000 | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,000,000 | — | — | 250,000 | 750,000 | — | — | — | n/a |

Description: The project will connect a section of an east-west collector street to SW 11th Street, north of the Raccoon River. The planned street, currently labeled on the Gray's Station Master Development Plan as the South Parkway, will ultimately connect from SW 16th to SW 11th and align to the east of SW 11th with existing DART Way, providing optimum street grid connectivity. The remaining street section of the South Parkway west to SW 16th will be constructed by Hubbell Realty Company as part of the Gray's Station development.

Justification: The planned alignment of the South Parkway was recommended by city staff in multiple departments to align directly to the east with existing DART Way. The adjacent owners of property based on this preferred alignment are the Des Moines Area Regional Transit Authority (DART) and Sherman Associates. DART is the majority adjacent owner and will not be the entity to construct the street. DART and Sherman Associates will convey ROW to facilitate the construction of the street as well as the reconfigured regional stormwater basin/wetland, but the street connection will need to be constructed by the City of Des Moines.

Explanation of Change in Expenditures: This is a new project - not in last year's CIP.

Operating Budget Effect: This project, by itself, is not anticipated to have a significant impact on the operating budget.



| Jul-Sep 20 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--------------------------------|------------|------------|------------|------------|------------|------------|------------|--------------|------------|
| WORKPLAN | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| Gray's Parkway (AKA. Dart Way) | -- | -- | -- | -- | Design | Design | Award Bid | Construction | -- |

Street Improvements
Highland Park Streetscape - Phase 3
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|---|--|-----------------------------|----|
| Chart of Accounts | C038EG99 ST244 | Cost for Plan Period | 2,328,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 4 | |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 2 | Start Date: | Jul 2017 | |
| Neighborhood(s): | Sherdian Gardens | End Date: | Jun 2020 | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-------------|----------------|----------|------------------|------------------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | 50,000 | 50,000 | 478,000 | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 1,800,000 | — | — | — | 800,000 | 1,000,000 | — | — | — |
| Road Use Tax | — | — | — | — | — | — | — | — | — |
| Federal | 478,000 | — | — | — | 478,000 | — | — | — | — |
| Total Revenue | 2,278,000 | — | — | — | 1,278,000 | 1,000,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST231 - Streetscape Imp. | 122,000 | — | 122,000 | — | — | — | — | — | — |
| Total Transfers | 122,000 | — | 122,000 | — | — | — | — | — | — |
| Expenditures | 2,400,000 | — | 72,000 | — | 850,000 | 1,478,000 | — | — | — |
| Ending Cash Balance | / / / / / | — | 50,000 | 50,000 | 478,000 | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,400,000 | — | 72,000 | — | 850,000 | 1,478,000 | — | — | n/a |

Description: This project is the third and final phase of the streetscape in Highland Park along Euclid Avenue. The project is located along Euclid Avenue between 2nd Avenue and Cornell Avenue completing the streetscape through this area. The project includes new sidewalks, planters, plantings, lighting and other miscellaneous items. The City of Des Moines has received federal funding for this streetscape project.

Justification: This project will complete the revitalization of the Highland Park area and will complete the concept plan for this corridor.

Explanation of Change in Expenditures: Although this project has been discussed for a number of years, this is a new project in this year's CIP.

Operating Budget Effect: A Self Supporting Municipal District (SSMID) will need to be extended prior to the project to provide funding for maintenance of these improvements.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Highland Park Streetscape - Phase 3 | | | Design | Design | Design | Design | Design | Design | Construction |

Street Improvements
Hubbell Avenue and Broadway Intersection Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST273 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 4 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 2 | Start Date: | Jul 2017 |
| Neighborhood(s): | Sherdian Gardens | End Date: | Jun 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|----------------|-------------|---------------|----------------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 550,000 | — | — | 550,000 | — | — | — | — | — |
| State - Pending | 150,000 | — | — | 150,000 | — | — | — | — | — |
| Total Revenue | 700,000 | — | — | 700,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| TR091 - Traffic Signals | 50,000 | — | 50,000 | — | — | — | — | — | — |
| Total Transfers | 50,000 | — | 50,000 | — | — | — | — | — | — |
| Expenditures | 750,000 | — | 50,000 | 700,000 | — | — | — | — | — |
| Ending Cash Balance | / | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 750,000 | — | 50,000 | 700,000 | — | — | — | — | n/a |

Description: This project replaces the traffic signal system and improves the intersection with geometric improvements. The geometric changes improve safety at the intersection by addressing left turn movements and right turning merging geometrics. The City of Des Moines has received state traffic safety funding for a proposed geometric improvements.

Justification: Improvements will provide safer and more efficient movement for vehicular traffic.

Explanation of Change in Expenditures: This is a new project in this year's CIP.

Operating Budget Effect: This project will reduce the costs associated maintenance needs.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|------------|------------|------------|------------|--------------------|--------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Hubbell Avenue and Broadway Intersection | -- | -- | Design | Design | Design / Award Bid | Construction | Construction | Construction | Closeout |

Street Improvements

Hubbell Avenue Improvements - E. 33rd Street to E. 38th Street

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST259 | Cost for Plan Period | 7,375,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 4 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 2 | Start Date: | Jul 2014 |
| Neighborhood(s): | Sherdian Gardens | End Date: | Jun 2022 |

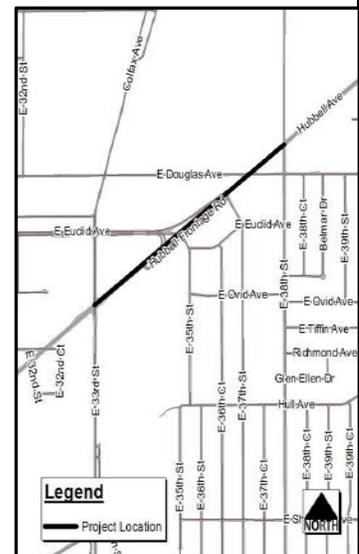
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|-------------------|-----------------|------------------|------------------|------------------|----------|----------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | (76,886) | 800,000 | 1,075,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| DMWW | 425,000 | — | — | 425,000 | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,800,000 | 600,000 | 1,200,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 4,400,000 | — | — | 1,000,000 | 3,400,000 | — | — | — | — | — |
| Sanitary Sewer Fund | 100,000 | — | — | 100,000 | — | — | — | — | — | — |
| Storm Water Utility Fund | 250,000 | — | — | 250,000 | — | — | — | — | — | — |
| State | 4,500,000 | — | — | 2,000,000 | 2,500,000 | — | — | — | — | — |
| State Pending | 400,000 | — | — | — | 400,000 | — | — | — | — | — |
| Total Revenue | 11,875,000 | 600,000 | 1,200,000 | 3,775,000 | 6,300,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| ST263 - Easton E 34th St/4-Mi | 589,045 | — | 589,045 | — | — | — | — | — | — | — |
| ST222 - Rehab of Major Roads | 100,000 | 100,000 | — | — | — | — | — | — | — | — |
| Total Transfers | 689,045 | 100,000 | 589,045 | — | — | — | — | — | — | — |
| Expenditures | 12,564,045 | 776,886 | 912,159 | 3,500,000 | 7,375,000 | — | — | — | — | — |
| Ending Cash Balance | 4,164,045 | (76,886) | 800,000 | 1,075,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,164,045 | 76,886 | (87,841) | 300,000 | 3,875,000 | — | — | — | — | n/a |

Description: A traffic study of Hubbell Avenue between E. 33rd Street and E. 38th Street was completed in response to traffic safety concerns. Improvements are planned for construction in 2018-2019 which include pavement reconstruction, medians, and sidewalks. The project also includes intersection modifications with traffic signals and turn lanes along the corridor.

Justification: This project will address safety issues within the corridor as well as provide improved pedestrian facilities.

Explanation of Change in Expenditures: This project cost has been adjusted due to increased project scope and adjusted cost estimates.

Operating Budget Effect: Funding for the maintenance of city streets – including snow removal operations – is funded mainly by Road Use Tax receipts. There will be messages in the operating budget for the addition of new traffic control devices and other improvements. The increase in pavement area, pavement markings, and signage will increase maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.



| WORKPLAN | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 |
|--|------------|------------|------------|------------|-------------------|--------------|--------------|--------------|--------------|
| | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 |
| Hubbell Ave Reconstruction from E Euclid to east of E 38th | Design | Design | Design | Design | Design; Award Bid | Construction | Construction | Construction | Construction |

Street Improvements

Indianola Avenue Widening – E. Army Post Road to Highway 69

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST264 | Cost for Plan Period | 8,000,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 4 | Start Date: | Jun 2016 |
| Neighborhood(s): | N/A | End Date: | Jun 2024 |

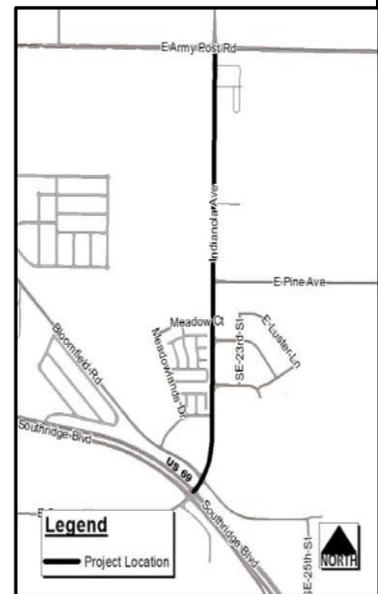
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|---------|----------------|----------------|------------------|------------------|------------------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 3,000,000 | — | — | — | — | 1,000,000 | 1,000,000 | 1,000,000 | — |
| G.O. Bonds Issued | — | — | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 5,250,000 | — | — | 250,000 | 750,000 | 2,250,000 | 1,500,000 | 500,000 | — |
| Total Revenue | 8,250,000 | — | — | 250,000 | 750,000 | 3,250,000 | 2,500,000 | 1,500,000 | — |
| Transfers In (Out): | | | | | | | | | |
| SW081 - Sidewalks - School an | — | — | — | — | — | — | — | — | — |
| ST013 - Residential Paving | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 8,250,000 | — | — | 250,000 | 750,000 | 3,250,000 | 2,500,000 | 1,500,000 | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | — | — | — | — | — | — | — | n/a |

Description: This project provides for the widening of Indianola Avenue from E. Army Post Road to Highway 69 into a three-lane roadway with one lane in each direction along with a center two-way left turn lane. The roadway should be improved to an urban standard with the construction of curbs and storm sewer. Bike lanes would be included in the project as well as a separate recreation trail on one side of the roadway.

Justification: Development in the southeast section of the city is resulting in increased traffic, accelerating deterioration of the old, narrow pavement and increasing maintenance costs. The widening project will also help accommodate the increasing traffic volumes and increase safety.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project will add additional lane miles of paving which will need to be maintained. Funding for the maintenance of City streets, including snow plowing, is funded almost entirely by Road Use Tax receipts. The increase of traffic control devices, pavement markings, and signage will increase maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.



| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|------------------------------------|---------------|---------------|---------------|---------------|----------------------|----------------------|------------|--------------|--------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| Indianola - E Army Post to HWY 69. | Prelim Design | Prelim Design | Prelim Design | Prelim Design | Design, Plans, Specs | Design, Plans, Specs | Award Bid | Construction | Construction |

Street Improvements
LED Street Lighting Upgrades
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|--|-----------------------------------|-----------------------------|----|
| Chart of Accounts | C038EG99 TR100 | Cost for Plan Period | 750,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 4,800,000 | |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — | |
| Relationship to Strategic Plan: | Community Sustain., Upgraded City Infra. | PlanDSM Pgs 48-51 | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 3,4 | Start Date: | Jul 2015 | |
| Neighborhood(s): | Downtown, East Village | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 300,000 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 450,000 | 300,000 | 150,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 900,000 | — | — | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Total Revenue | 1,350,000 | 300,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,350,000 | — | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Ending Cash Balance | / / / / | 300,000 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (350,000) | (300,000) | 300,000 | — | — | — | (500,000) | — | n/a |

Description: This project provides for the upgrade of existing city-owned street light fixtures to LED fixtures. The first phase of the project would include converting existing metal halide street lighting to LED street lighting on Martin Luther King Jr Parkway from SW 11th Street to SE 9th Street. LED street lighting is currently in place on MLK Jr Parkway from Cottage Grove to SW 11th Street and east of SE 9th Street. The completion of this upgrade project would provide continuous LED street lighting on MLK Jr. Parkway from Cottage Grove to SE 30th Street. Following phases would convert existing city-owned street lighting to LED street lighting in the Western

Justification: This project supports the City's goal to be a sustainable green community by providing more energy efficient roadway lighting as well as reducing operating costs due to maintenance and energy use.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project will reduce maintenance expenses in the Road Use Fund.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------|------------|------------|------------|--------------|--------------|------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| MLK SW 11th-SE 9th | Design | Design | Award Bid | Installation | Installation | -- | -- | -- | -- |
| Western Gateway | -- | -- | -- | Design | Design | Award Bid | Installation | Installation | -- |

Street Improvements

McKinley Avenue Widening-Fleur Drive to Indianola Avenue

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST212 | Cost for Plan Period | 2,200,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 3,000,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 23,896 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 3,4 | Start Date: | Jul 2003 |
| Neighborhood(s): | Greater South Side, Southwestern Hills | End Date: | Jun 2024 |

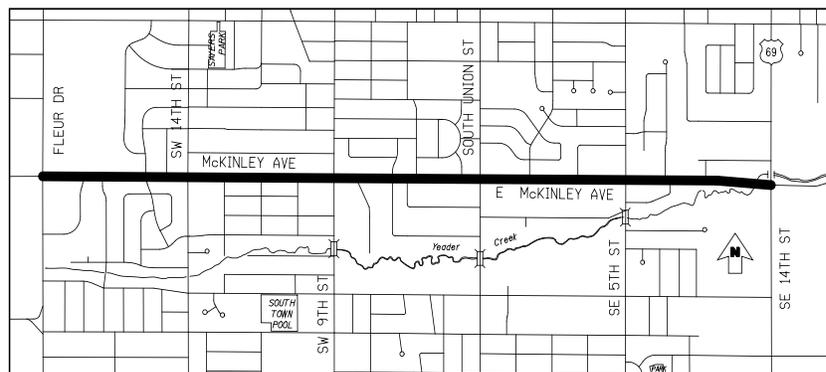
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|--------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,018,019 | 390,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 6,462,308 | 4,862,308 | 1,600,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 4,200,000 | — | — | 2,000,000 | 1,400,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Storm Water Utility Fund | 330,110 | — | 330,110 | — | — | — | — | — | — |
| ARRA - Federal Stimulus | 1,286,228 | 1,286,228 | — | — | — | — | — | — | — |
| DMWW | 698,792 | 338,792 | — | 360,000 | — | — | — | — | — |
| Total Revenue | 12,977,438 | 6,487,328 | 1,930,110 | 2,360,000 | 1,400,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 12,977,438 | 5,469,309 | 2,558,129 | 2,750,000 | 1,400,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Ending Cash Balance | | 1,018,019 | 390,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,390,110 | (1,018,019) | 958,129 | 1,250,000 | — | — | — | — | n/a |

Description: This project provides for widening McKinley Avenue/East McKinley Avenue from Fleur Drive to E. Indianola Avenue into a three-lane roadway with one lane in each direction along with a center left-turn lane. The roadway would also be improved to urban standards including the construction of curbs, sidewalk, and storm sewer where needed. Over \$1,280,000 of stimulus funding was awarded for this project for an earlier phase of this project. The next phase of widening improvements is between SE 5th and SE 14th Streets. This section of McKinley Avenue includes a modified access to the shopping center at SE 14th Street along McKinley Avenue. McKinley Avenue widening will provide better access and safety to the corridor.

Justification: The widening project will help accommodate traffic demands on this collector roadway.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will add an estimated 3.5 lane miles of paving. Funding for the maintenance of City streets – including snow plowing – is funded almost entirely by Road Use Tax receipts. The increase in pavement markings and additional signage will increase the maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------------------|----------------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| McKinley Ave - SE7th to SE 14th | Design, Plans, Specs | Award Bids | Construction | Construction | Construction | Construction | Construction | Construction | Closeout |

Street Improvements Merle Hay Road and Hickman Intersection 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST272 | Cost for Plan Period | 200,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 1,300,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 3,4 | Start Date: | Jul 2020 |
| Neighborhood(s): | Downtown, East Village | End Date: | Jun 2024 |

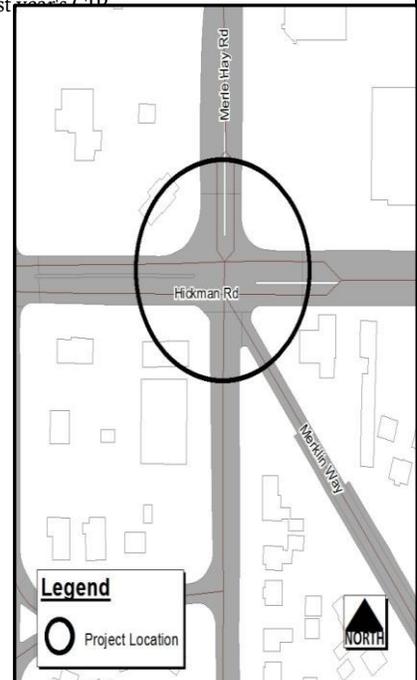
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|--------------------|-------------|---------|----------------|----------------|------------------|--------------------|--------------------|---------|---|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds to be Issued | 500,000 | — | — | 500,000 | — | — | — | — | — | — |
| State - Pending | 200,000 | — | — | — | 200,000 | — | — | — | — | — |
| Total Revenue | 700,000 | — | — | 500,000 | 200,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 700,000 | — | — | 500,000 | 200,000 | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (3,100,000) | — | — | 500,000 | 200,000 | (300,000) | (1,000,000) | (2,500,000) | n/a | |

Description: This project provides for intersection improvements at Merle Hay Road and Hickman Road. The improvements include adding dual left turn lanes for eastbound Hickman Road. The project provides the dual left turns by widening Hickman Road west of Merle Hay.

Justification: This project will increase the traffic capacity and will also improve the safety of the intersection at Merle Hay Road and Hickman Road.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: Funding for the maintenance of city streets - including snow removal operations - comes out of the Road Use Tax Fund (SP360) which is funded mainly by Road Use Tax receipts. This project is not anticipated to have a significant impact on the operating budget.



| WORKPLAN | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 |
|------------------|--------------|--------------|--------------|------------|-------------|-------------|-------------|-------------|-------------|
| | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 |
| Intersection Imp | Plans, Specs | Plans, Specs | Plans, Specs | Award Bid | Constructio | Constructio | Constructio | Constructio | Constructio |

Street Improvements

Merle Hay Road Widening – Boston Avenue to Douglas Avenue

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 TBD | Cost for Plan Period | 3,800,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 1,000,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1 | Start Date: | Jul 2019 |
| Neighborhood(s): | N/A | End Date: | Jun 2023 |

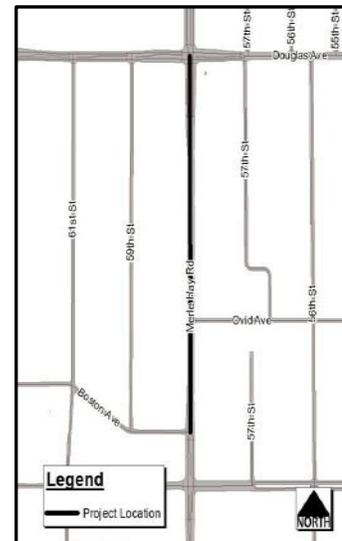
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|---------|---------|----------------|----------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| State - Pending | 1,500,000 | — | — | — | — | — | 500,000 | 500,000 | 500,000 |
| G.O. Bonds to be Issued | 2,300,000 | — | — | — | 300,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| Total Revenue | 3,800,000 | — | — | — | 300,000 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,800,000 | — | — | — | 300,000 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Ending Cash Balance | / / / / | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,000,000 | — | — | — | — | — | — | — | n/a |

Description: This project provides for widening Merle Hay Road from Douglas to Boston Avenues, providing two lanes in each direction and a two-way center left-turn lane. The widening would occur between the previously constructed intersection improvements at Douglas Avenue and Urbandale Avenue.

Justification: This section of roadway has been identified by the IDOT as having one of the highest accident rate statewide.

Explanation of Change in Expenditures: This project has been not significantly changed from last year's CIP.

Operating Budget Effect: This project is not anticipated to have a significant impact on the operating budget of either the General fund or Road Use Tax Fund.



| WORKPLAN | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 |
|---|---------------|---------------|----------------------|----------------------|--|------------------------------------|------------|--------------|----------------------------|
| | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 |
| Merle Hay Road Widening – Ovid Avenue to Douglas Avenue | Prelim Design | Prelim Design | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs; Equip Delivery; Land/ROW | Design, Plans, Specs; Land/ROW Acq | Award Bid | Construction | Construction (Thru Jun 23) |

Street Improvements
Neighborhood Infrastructure Rehabilitation Program
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038PW99 ST205 | Cost for Plan Period | 6,500,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 188,494 |
| Relationship to Strategic Plan: | Great Neighb., Upgraded City Infra., Effective Tr PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | Various | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 62,584 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal CDBG | 563,380 | 563,380 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 14,445,815 | 13,270,815 | 1,175,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 7,325,000 | — | — | 1,200,000 | 1,225,000 | 1,225,000 | 1,225,000 | 1,225,000 | 1,225,000 |
| Road Use Tax | 675,000 | 150,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 | 75,000 |
| Total Revenue | 23,009,195 | 13,984,195 | 1,250,000 | 1,275,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 23,009,195 | 13,921,611 | 1,312,584 | 1,275,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 |
| Ending Cash Balance | | 62,584 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 891,658 | (470,926) | 62,584 | — | — | — | — | — | n/a |

Description: This project provides funds to target an estimated 20,000 lf of sidewalk to be replaced by private contractors, 20,000 lf of curb replacement by City crews, and 15,000 SY of hot mix asphalt (HMA) overlay to be constructed by City crews in conjunction with private contractors. The NIRP program has been instrumental in the implementation of designated neighborhood action plans not only by upgrading the infrastructure in residential areas, but also by creating a visual impact which enhances the housing rehabilitation component of the City's revitalization program and increases property values. Eligible neighborhoods will be chosen annually, and the components of this project will be adjusted to meet the specific needs in the respective neighborhoods.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image. The results of that survey can be found on the City's Website @ <http://www.dmgov.org/Departments/CityManager/PDF/2016ResidentSurvey.pdf>

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The Road Use Tax fund (S360) is reimbursed about \$500,000 annually (FY2013 dollars) for labor and equipment of Public Works crews performing this work. This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will help reduce maintenance expenses in the Road Use Tax Fund for crack sealing, and other preventative maintenance activities.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------|--------------|--------------|------------|--------------|--------------|--------------|------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2018 Program | Construction | Construction | — | Construction | — | — | — | — | — |
| 2019 Program | — | — | — | — | Construction | Construction | — | Construction | — |
| 2020 Program | — | — | — | — | — | — | — | — | Construction |

Street Improvements

Park Avenue Widening - SW 56th St to SW 63rd St.

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|----------|
| Chart of Accounts | C038EG99 ST248 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | Estimated Useful Life (yrs) | 50 |
| Ward(s): | 3 | Start Date: | Jul 2010 |
| Neighborhood(s): | Southwestern Hills | End Date: | Sep 2019 |

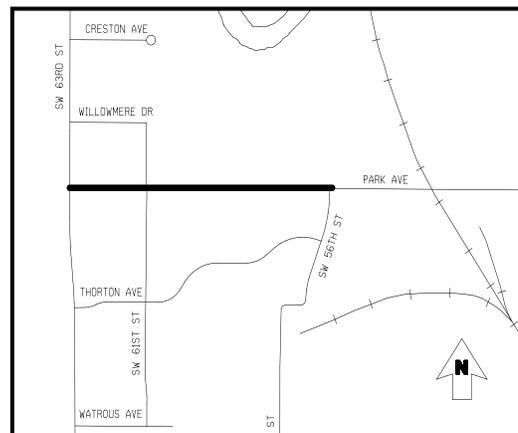
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|------------------|------------------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 2,076,550 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| DMWW | 37,750 | — | 37,750 | — | — | — | — | — | — |
| Federal | 2,050,000 | 688,065 | 1,361,935 | — | — | — | — | — | — |
| G.O. Bonds Issued | 2,950,000 | 2,950,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | — | — | — | — | — | — | — | — | — |
| Other | 17,768 | 17,768 | — | — | — | — | — | — | — |
| Total Revenue | 5,055,518 | 3,655,833 | 1,399,685 | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST260 - Roadway Reconstruction | (850,000) | — | (850,000) | — | — | — | — | — | — |
| Total Transfers | (850,000) | — | (850,000) | — | — | — | — | — | — |
| Expenditures | 4,205,518 | 1,579,283 | 2,626,235 | — | — | — | — | — | — |
| Ending Cash Balance | / / / / / | 2,076,550 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (812,250) | (238,485) | (373,765) | (200,000) | — | — | — | — | n/a |

Description: This project provides for widening Park Avenue between the Monarch Cement railroad crossing west to SW 61st Street to a four-lane divided roadway. Also included is a northbound right turn lane on SW 63rd Street approaching Park Avenue. Sidewalks have been added to the project to address walkability. Federal funds have been approved for the construction phase of this work.

Justification: The segment between SW 56th and SW 61st is the final segment of Park Avenue to be widened. The City of West Des Moines has constructed their portion of the Southwest Connector, increasing the traffic loads on Park Avenue. Also, as development occurs along the Park Avenue Commerce Park West, this section will require widening to accommodate the traffic demands.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The project will increase the pavement areas, pavement markings, additional traffic signals, and traffic control devices which will increase the maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|---|------------------------------------|---------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Park Avenue Widening - SW 56th St to SW 63rd St | Design, Plans, Specs; Land/ROW Acq | Design, Plans, Specs; Award Bid | Construction | Construction | Construction | Construction | Construction | Construction | Closeout |

Street Improvements PCC Pavement Replacement Program 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST065 | Cost for Plan Period | 1,125,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | Estimated Useful Life (yrs) | 30 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 89,256 | 50,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 1,522,235 | 1,372,235 | 150,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,125,000 | — | — | — | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Total Revenue | 2,647,235 | 1,372,235 | 150,000 | — | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 2,647,235 | 1,282,979 | 189,256 | 50,000 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| Ending Cash Balance | | 89,256 | 50,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (170,334) | (184,590) | 14,256 | (225,000) | — | — | — | — | n/a |

Description: This project provides for removal and replacement of failed portions, or entire sections, of portland cement concrete and brick streets. All design and construction phase services will be performed by the Engineering Department. Funding for this project will be provided from the issuance of General Obligation Bonds.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image. The results of that survey can be found on the City's Website @ <http://www.dmgov.org/Departments/CityManager/PDF/2016ResidentSurvey.pdf>

Explanation of Change in Expenditures: This project has been expanded to allow for projects in every plan year.

Operating Budget Effect: This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will also help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities all of which are funded almost entirely by Road Use Tax Receipts.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| PCC Pavement Program | Design | Design | Award | Const | Const | Const | Design | Award | Const |

Street Improvements

Railroad Crossing Surface Repairs and Signal Improvements

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST139 | Cost for Plan Period | 150,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|----------------|----------------|----------------|----------|---------------|----------|----------------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 132,247 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 25,211 | 25,211 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 765,211 | 715,211 | 50,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 150,000 | — | — | — | 50,000 | — | 100,000 | — | — |
| Total Revenue | 940,422 | 740,422 | 50,000 | — | 50,000 | — | 100,000 | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 940,422 | 608,175 | 182,247 | — | 50,000 | — | 100,000 | — | — |
| Ending Cash Balance | | 132,247 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (82,247) | 82,247 | — | — | — | — | — | n/a |

Description: This project provides for a cooperative effort between the City, the railroads, and the Iowa Department of Transportation to repair railroad street crossings and crossing signals. Under the Federal Grade Crossing Safety Improvement fund, the funding provides 90 percent of the total project cost and requires 10 percent funding by the City or the railroad. Under the IDOT Rail/Highway Crossing Safety Fund, the City and the railroads each would contribute 20 percent of the costs, and the IDOT would contribute 60 percent. Some railroad crossings will be repaired with the City reimbursing the railroads for 50 to 100 percent of the cost. An engineering study is being conducted to determine the need for pavement markings at railroad crossings. This will provide a standard for pavement markings and railroad crossings across the City. Proposed railroad crossing improvements locations include: SE 22nd and Maury, and SE18th Street.

Justification: Railroad crossings in bad condition can be dangerous, result in unnecessary wear and tear on vehicles, and can result in numerous complaints.

Explanation of Change in Expenditures: This is an ongoing project - it has not changed significantly from last year's CIP.

Operating Budget Effect: Other than helping to reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure, this project will have a negligible impact on the operating departments impacted - all of which are funded mainly by Road Use Tax Receipts.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|-------------------------------|----------------------------------|----------------------------------|-----------------|-----------------|---------------------|---------------------|-----------------|-----------------|-----------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Misc Repairs and Improvements | SW 2nd Ave, SW 3rd, SW 5th | SW 2nd Ave, SW 3rd, SW 5th | Ongoing/ TBD | Ongoing/ TBD | Maury/SE 22nd St | Maury/SE 22nd St | Ongoing/ TBD | Ongoing/ TBD | Ongoing/ TBD |

Street Improvements
Rehabilitation and Preservation of Major Roadways
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|---|--|-----------------------------|----|
| Chart of Accounts | C038EG99 ST222 | Cost for Plan Period | 4,600,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 7,180 | |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 25 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | Various | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 704,615 | 150,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| DMWW | 391,840 | — | 391,840 | — | — | — | — | — | — |
| Federal | 2,231,445 | 2,231,445 | — | — | — | — | — | — | — |
| Federal - Pending | 2,600,000 | — | — | — | 500,000 | 525,000 | 525,000 | 525,000 | 525,000 |
| ARRA - Federal Stimulus | 1,921,922 | 1,921,922 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 3,700,486 | 3,200,486 | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 2,000,000 | — | — | — | 400,000 | 400,000 | 400,000 | 400,000 | 400,000 |
| Sanitary Sewer Fund | 42,284 | 42,284 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 54,942 | 54,942 | — | — | — | — | — | — | — |
| State | 51,259 | 51,259 | — | — | — | — | — | — | — |
| Total Revenue | 12,994,178 | 7,502,338 | 891,840 | — | 900,000 | 925,000 | 925,000 | 925,000 | 925,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 12,994,178 | 6,797,723 | 1,446,455 | 150,000 | 900,000 | 925,000 | 925,000 | 925,000 | 925,000 |
| Ending Cash Balance | | 704,615 | 150,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 572,326 | (549,129) | 946,455 | (725,000) | (25,000) | — | — | — | n/a |

Description: This project provides for repairs to major roadways, including base repairs, replacement of deteriorating curbs, and preservation of roadway surfaces through either a hot-mix asphalt overlay or concrete pavement restoration. The project is city-wide in scope. Funds are allocated for participation on Iowa DOT and Polk County projects within the City of Des Moines. The upcoming projects we are cost sharing in are S.E. 43rd Street Resurfacing from Vandalia Road to the south, and Hickman Road Resurfacing from Merle Hay Road to the west City limits. The City of Des Moines has received Federal funding for a resurfacing project on E. 29th Street from Easton Blvd. to Euclid Avenue in 2020.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed substantially from last year's CIP.

Operating Budget Effect: The project will help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------|------------|------------|------------|------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| E 29th Street | Design | Design | Design | Award Bid | Construction | Construction | Closeout | — | — |

Street Improvements Residential Paving Program 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST013 | Cost for Plan Period | 1,700,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Great Nehib., Upgraded City Infra., Effective Tra PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 210,835 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Assessments | 2,679,551 | 2,329,551 | — | — | 70,000 | 70,000 | 70,000 | 70,000 | 70,000 |
| DMWW | 91,390 | 91,390 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 9,396,528 | 9,296,528 | 100,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,600,000 | — | — | 250,000 | 350,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Other | 241,946 | 241,946 | — | — | — | — | — | — | — |
| Sanitary Sewer Fund | 60,000 | 60,000 | — | — | — | — | — | — | — |
| State | 41,404 | 41,404 | — | — | — | — | — | — | — |
| Total Revenue | 14,110,819 | 12,060,819 | 100,000 | 250,000 | 420,000 | 320,000 | 320,000 | 320,000 | 320,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 14,110,819 | 11,849,984 | 310,835 | 250,000 | 420,000 | 320,000 | 320,000 | 320,000 | 320,000 |
| Ending Cash Balance | / / / / | 210,835 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 350,000 | (210,835) | 210,835 | (70,000) | 100,000 | — | — | — | n/a |

Description: This project provides for a continuing program to pave unimproved streets. The City currently has 74 miles of unpaved streets. Property owners are assessed for the cost of a residential standard of paving, with the City paying for the difference if another type of street is required. A consultant may be retained to provide surveying and/or soil testing services, depending on Engineering Department workload. South Union Street from E. Bell Avenue to E. Park Avenue is proposed to be reconstructed in FY 19. Bell Avenue from South Union Street to SW 9th Street is proposed for FY 2020. Improvements are proposed to widen the intersection at

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The operating budget will increase due to pavement maintenance costs. These increases will be more than offset by a significant reduction in surface maintenance costs. All of the operating expenses are funded mostly by Road Use Tax receipts.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Annual Paving Program | Construction | Construction | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bids | Construction | Construction |

**Street Improvements
Roadway Reconstruction
2018-19/2023-24 Capital Improvements Program**

| | | | | |
|---------------------------------|---|--|-----------------------------|----|
| Chart of Accounts | C038EG99 ST260 | Cost for Plan Period | 8,500,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 570,659 | |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 15 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing | |
| Neighborhood(s): | City-wide | End Date: | Ongoing | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|-------------------------------|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | (1,935,681) | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 170,334 | 170,334 | — | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,100,000 | — | — | 1,100,000 | — | — | — | — | — | — |
| Road Use Tax | 15,491,953 | 3,191,953 | 2,150,000 | 1,650,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 |
| Sanitary Sewer Fund | 112,000 | — | 112,000 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 112,000 | — | 112,000 | — | — | — | — | — | — | — |
| Total Revenue | 16,986,287 | 3,362,287 | 2,374,000 | 2,750,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 |
| Transfers In (Out): | | | | | | | | | | |
| ST248 - Park Ave Widening | 850,000 | — | 850,000 | — | — | — | — | — | — | — |
| Total Transfers | 850,000 | — | 850,000 | — |
| Expenditures | 17,836,287 | 5,297,968 | 1,288,319 | 2,750,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 |
| Ending Cash Balance | | (1,935,681) | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,444,334 | 2,106,015 | (411,681) | 1,050,000 | — | — | — | — | — | n/a |

Description: This project provides for rehabilitation and reconstruction to roadways. The project is city-wide in scope. Projects are funded with the additional road use tax increase that was passed by the Iowa State Legislature in March 2015. The following street reconstructions are proposed for FY2019 to correspond to Public Work's 5-year Plan: Ovid Avenue from 50th Street to 54th Street; 53rd Street from Ovid Avenue Douglas Avenue; E. Marion from Indianola Avenue to Dead End East; Amick Avenue from 28th Street to 27th Street; SE 19th Street from E. Army Post Road to Dead End East; SE 16th Street from E. Army Post Road to Dead End East; E. 27th Street from Easton Boulevard to Guthrie Avenue; Denver Avenue from 5th Street to 6th Avenue; Lincoln Place Drive Widening at SW 34th Street; Leado Avenue from 30th street to 34th Street; and 47th Street from Beavercrest Drive to Holcomb Avenue.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: The project will help reduce the maintenance expense in the Road Use Tax Fund for crack sealing, and preventative maintenance activities.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|----------------------|----------------------|---------------------------------|-------------------------|--------------|--------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Polk Blvd Reconstruction from Grand Ave to I-235 | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Construction | Construction | Closeout | -- | -- |
| 2018 HMA Residential Paving Program | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs; Award Bid | Construction | Construction | Construction | Closeout | -- | -- |

Street Improvements Sidewalks - ADA Compliance 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 SW095 | Cost for Plan Period | 1,900,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 1,215,458 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|-------------------|------------------|------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 88,885 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Gaming Monies | 350,000 | 350,000 | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 9,550,000 | 8,050,000 | 1,500,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 3,400,000 | — | — | 1,500,000 | 1,500,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Total Revenue | 13,300,000 | 8,400,000 | 1,500,000 | 1,500,000 | 1,500,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 13,300,000 | 8,311,115 | 1,588,885 | 1,500,000 | 1,500,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Ending Cash Balance | | 88,885 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,150,000 | (88,885) | 88,885 | — | 750,000 | 100,000 | 100,000 | 100,000 | 100,000 | n/a |

Description: This project provides funding for sidewalk curb ramp improvements in compliance with Section 504 of the Rehabilitation Act of 1973 and Title II of the Americans with Disabilities Act of 1990 (ADA). Since January 26, 1992, cities have been required to bring sidewalks into compliance with the ADA in coordination with any paving, repaving, or street surfacing project. Under the terms of the current Agreement, it must go back and correct this deficiency. In the fall of 2014, the City was given an extension for all sidewalks to be in compliance by March of 2023. In addition, the City Council approved Phase III (Curb Ramps) of the ADA Transition Plan on November 23rd, 2009 (RC 09-2124) - this project currently does not provide funding to completely meet those needs. The installation of curb ramps will likely result in the removal of trees. Where required, funding for tree mitigation will be provided in the City Tree Replacement Fund (CFRF) project in the Miscellaneous section of the CIP. \$100,000 / year has been added to fund annual maintenance costs. The City currently constructs ramps as part of any paving, repaving, or street surfacing project at a cost of approximately \$800,000/year

Justification: Public rights-of-way and facilities are required to be accessible to persons with disabilities through the following statutes: Section 504 of the Rehabilitation Act of 1973 (Section 504) (29 U.S.C. §794) and Title II of the Americans with Disabilities Act of 1990 (ADA) (42 U.S.C. §§ 12131-12164). The laws work together to achieve this goal. Funding for this project is only intended for curb ramp needs required in the Settlement Agreement with the DOJ under "Project Civic Access" (DJ#204-28-72).

Explanation of Change in Expenditures: This project has not changed significantly from last year - funding has been added in outer years for ramp maintenance.

Operating Budget Effect: This project is not expected to significantly impact the operating budget of the General Fund.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------------|--------------|-----------------------------------|---------------------------------|--------------|--------------|--------------|---------------------------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Project Civic Access Ramps | Construction | Construction, Design, Plans Specs | Design, Plans, Specs; Award Bid | Construction | Construction | Construction | Design, Plans, Specs; Award Bid | Construction | Construction |

Street Improvements Sidewalk Replacement 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 SW084 | Cost for Plan Period | 3,450,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | 384,261 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | | 50 |
| Neighborhood(s): | City-wide | Start Date: | Ongoing |
| | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|-------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | — | — | 319,022 | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| Assessments | 537,916 | 537,916 | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 6,969,527 | 6,319,527 | 650,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 4,125,000 | — | — | 675,000 | 675,000 | 675,000 | 675,000 | 700,000 | 725,000 | — |
| Total Revenue | 11,632,443 | 6,857,443 | 650,000 | 675,000 | 675,000 | 675,000 | 675,000 | 700,000 | 725,000 | — |
| Transfers In (Out): | | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — | — |
| Expenditures | 11,632,443 | 6,538,421 | 969,022 | 675,000 | 675,000 | 675,000 | 675,000 | 700,000 | 725,000 | — |
| Ending Cash Balance | | 319,022 | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 675,000 | (319,022) | 319,022 | — | — | — | (25,000) | (25,000) | n/a | — |

Description: This project provides for a city-wide program to replace deteriorated city sidewalks and sidewalk ramps, sidewalks damaged by City activities, and sidewalks for residents that qualify for income subsidy. The City has approximately 700 miles of sidewalk. The cost to replace sidewalks is approximately \$35 per lineal foot, or \$185,000/mile. Apart from this program, approximately 30,000 lf of sidewalk in designated neighborhoods is targeted annually in the City's NIRP program (STR205). The Engineering Department inspects sidewalks adjacent to private property in response to concerns raised by residents, as well as public walks in front of City facilities and adjacent to City-owned properties. Property owners are notified if inspection indicates the need for a sidewalk to be replaced. The property owners have 180 days to replace the defective sidewalk. If the sidewalk is not replaced within that time, they are fined.

Justification: Only 49 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the overall condition of sidewalks and rank improving the condition of sidewalks one of the top priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project is not expected to significantly impact the operating budget of the General Fund.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|--------------|--------------|----------------------|--------------|--------------|--------------|----------------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Sidewalk Replacement | Construction | Construction | Design; Award Bid | Construction | Construction | Construction | Design; Award Bid | Construction | Construction |
| Brick Sidewalk Repair and Improvements | Construction | Construction | Design; Award Bid | Construction | Construction | Construction | Design; Award Bid | Construction | Construction |

Street Improvements Sidewalks - School and Priority Routes 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|-------------------------------|-----------|
| Chart of Accounts | C038EG99 SW081 | Cost for Plan Period | 1,375,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 57,332 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | Estimated Useful Life (years) | 50 |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 614,802 | 300,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Assessments | 158,654 | 33,654 | — | — | 25,000 | 25,000 | 25,000 | 25,000 | 25,000 |
| G.O. Bonds Issued | 2,200,286 | 1,950,286 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,250,000 | — | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Other | 10,000 | — | 10,000 | — | — | — | — | — | — |
| Polk County | 28,972 | 28,972 | — | — | — | — | — | — | — |
| Total Revenue | 3,647,912 | 2,012,912 | 260,000 | — | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 |
| Transfers In (Out): | | | | | | | | | |
| | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,647,912 | 1,398,110 | 574,802 | 300,000 | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 |
| Ending Cash Balance | | 614,802 | 300,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (65,000) | (364,802) | (198) | 25,000 | — | — | — | — | n/a |

Description: This project implements City Sidewalk Policy as it relates to acquisition of land and construction of sidewalks throughout the city. Sidewalk construction will be 50 percent assessed and 50 percent bond funded for most sidewalks. Funding was provided in FY2017 for new sidewalks along 30th Street from Boston Avenue to Urbandale Avenue. A connection is also planned from Leach Avenue to the Mark Ackerson Trail north of Easter Lake. Sidewalk construction is planned for Euclid Avenue from 30th Street to MLK. In 2019, projects will address sidewalk gaps are planned for the Southside of Euclid Avenue at the railroad tracks just east of 63rd Street and along Stanton Avenue between Fleur Drive and SW 26th in FY2019.

Justification: Only 57 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with having adequate access to sidewalks. . This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: This project is not expected to significantly impact the operating budget of the General Fund.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------|--------------|------------|------------|--------------|--------------|------------|------------|--------------|--------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Ongoing | Construction | Design | Design | Construction | Construction | Design | Design | Construction | Construction |

Street Improvements
Sixth Avenue Streetscape
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST266 | Cost for Plan Period | 6,425,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustain. Comm., Comm. Characte PlanDSM 13-14, 25, 49-50. | Estimated Useful Life (yrs) | 50 |
| Ward(s): | 3 | Start Date: | Jul 2017 |
| Neighborhood(s): | Downtown | End Date: | Jun 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|------------------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 569,615 | 1,850,000 | 225,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 900,000 | — | — | 600,000 | — | 300,000 | — | — | — |
| Federal - Pending | — | — | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,000,000 | — | 1,000,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 5,750,000 | — | — | 250,000 | 750,000 | 1,500,000 | 2,000,000 | 1,250,000 | — |
| Private | 1,225,000 | 225,000 | 325,000 | 275,000 | — | 400,000 | — | — | — |
| Total Revenue | 8,875,000 | 225,000 | 1,325,000 | 1,125,000 | 750,000 | 2,200,000 | 2,000,000 | 1,250,000 | — |
| Transfers In (Out): | | | | | | | | | |
| ST231 - Streetscape Imp | 350,000 | 350,000 | — | — | — | — | — | — | — |
| Total Transfers | 350,000 | 350,000 | — | — | — | — | — | — | — |
| Expenditures | 9,225,000 | 5,385 | 44,615 | 2,750,000 | 975,000 | 2,200,000 | 2,000,000 | 1,250,000 | — |
| Ending Cash Balance | | 569,615 | 1,850,000 | 225,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,525,000 | (194,615) | (1,455,385) | 1,000,000 | (525,000) | 450,000 | 2,000,000 | 1,250,000 | n/a |

Description: This project includes improvements to address walkability and revitalization of 6th Avenue. This project includes sidewalk improvements, bioswale green infrastructure and permeable paving, storm sewer, lighting, planters, and street furniture. The first phase of this project is from Hickman Road to College Avenue. The second phase is from College Avenue to University Avenue. The third phase will be from University Avenue to I-235.

Justification: The streetscape has been developed in coordination with 6th Avenue Corridor and River Bend Neighborhood Association. It has emerged as a priority project in Guide DSM. The 6th Avenue Corridor Streetscape Project is slated to be the geographically longest and most environmentally sustainable streetscape project yet constructed in Des Moines.

Explanation of Change in Expenditures: The project has not changed significantly from last year's CIP.

Operating Budget Effect: A Self-Supported Municipal District (SSMID) has been established to help address maintenance along the project.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------------------------|----------------|----------------------|----------------------|----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 6th Ave Streetscape - Phase 1 | Prelim. Design | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Award Bid / Construction | Construction | Construction | Construction | Construction |
| 6th Ave Streetscape - Phase 2 | Prelim. Design | Prelim. Design | Prelim. Design | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs | Design, Plans, Specs |

Street Improvements Skywalk System 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 SW094 | Cost for Plan Period | 1,250,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion, Repair/Rehab | Committed 06-30-2017: | 88,777 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | Downtown | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | (38,198) | 175,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 67,351 | 67,351 | — | — | — | — | — | — | — |
| Private | 950,409 | 950,409 | — | — | — | — | — | — | — |
| Other | 1,241,558 | 851,387 | 140,171 | 250,000 | — | — | — | — | — |
| Tax Increment Bonds Issued | 13,218,438 | 11,318,438 | 1,900,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 2,875,000 | — | — | 1,625,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Revenue | 18,352,756 | 13,187,585 | 2,040,171 | 1,875,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 18,352,756 | 13,225,783 | 1,826,973 | 2,050,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | / | (38,198) | 175,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 917,338 | (209,635) | (773,027) | 1,650,000 | — | — | — | — | n/a |

Description: This project provides for the construction and repairs to the second level, enclosed, climate controlled pedestrian skywalk system within the Skywalk District in the Central Business District. The skywalk system has access points at adjoining buildings and all the parking garages within the area. A consultant may be used for design and construction phase services. There are currently 54 existing skywalk bridges with a 2012 insured value of over \$33 Million. Two bridges were under construction in 2017 which were the Skywalk 4J-4K as part of the Iowa Events Center Hotel, and Skywalk at 7th & Grand. Proposed improvements are Skywalk 6F-7F from the Mies Block to the new Principal Parking garage at 7th and Grand. Proposed improvements are the 2018 HVAC improvements at various skywalk locations, skywalk signage improvements, a structural analysis for all skywalk structures. Skywalk 7C-7D - EMC to Blackbird will be constructed to correspond to the proposed development at the old Younkers site. The City of Des Moines has received \$1 Million

Justification: This project will separate pedestrians and vehicles in the Central Business District, protect pedestrians from adverse weather, encourage more efficient use of parking facilities, encourage economic development and redevelopment in the downtown area, and provide an opportunity for aesthetic improvements. The system is 30 years old and in need of capital investment to protect and maintain this significant asset in the downtown. Many HVAC and roofing systems are in need of replacement as they are close to their end of life cycle.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: These projects are not anticipated to have any affect on the operating budget of the City, as the skywalks are maintained and operated by adjacent property owners connected to the skywalk system.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------------------|------------|------------|--------------|--------------|---------------------------|--------------|--------------|-------------|-------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| HVAC Improvements | -- | -- | -- | Design | Award Bids / Construction | Construction | Construction | -- | -- |
| Skywalk Construction 6F-7F | Design | Design | Award Bids / | Construction | Construction | Ongoing/TBD | Ongoing/TBD | Ongoing/TBD | Ongoing/TBD |
| Skywalk Signage Improvements | -- | -- | -- | Design | Award Bids / | Construction | Construction | Ongoing/TBD | Ongoing/TBD |

Street Improvements
SE 7th Reconstruction and Trunk Sewer
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 ST274 | Cost for Plan Period | 2,250,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 26,000,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 281,751 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | Jul 2018 |
| Neighborhood(s): | N/A | End Date: | Jun 2020 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-------------|----------|----------------|------------------|----------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Tax Increment Bonds to be Issued | 2,000,000 | — | — | 500,000 | 1,500,000 | — | — | — | — |
| Sanitary Sewer Fund | 1,000,000 | — | — | 250,000 | 750,000 | — | — | — | — |
| Total Revenue | 3,000,000 | — | — | 750,000 | 2,250,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,000,000 | — | — | 750,000 | 2,250,000 | — | — | — | — |
| Ending Cash Balance | / | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 3,000,000 | — | — | 750,000 | 2,250,000 | — | — | — | n/a |

Description: This project calls for the reconstruction of existing SE 7th Street to be coordinated with a new trunk sewer to serve the Market District area proposed development. In 2018, the City will start a Market District Study that will consist of master planning and an infrastructure analysis for a redevelopment area in a portion of the downtown Historic East Village neighborhood which includes the area referred to as the Market District. The Market District Study will include an analysis of existing infrastructure and recommendations regarding infrastructure needed to support the master planning and refine the scope of street and sanitary sewer improvements required to serve the Market District proposed development. A Sanitary Sewer Pump station is being funded in the Sanitary Sewer section of the CIP.

Justification: The City's 2008 downtown plan identified the emerging potential of the "Lower East Village." In 2010, the City completed the Market District of East Village Urban Design Study which built from the basic ideas that were proposed in the downtown plan and identified a set of planning ideas that captured the enthusiasm for the area and depicted the desired long-term vision for the Market District. There are several active developments underway in the Market District. Street improvements should be coordinated with the sanitary sewer improvements necessary to serve the Market District proposed development.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: Additional pavement surface area in need of future maintenance, potentially pavement marking replacement, and snow removal. Additional 2,400 feet of sanitary sewer trunk line requiring future maintenance.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| 7th Street Reconstruction / Force main | Design; ROW | Design; ROW | Design; ROW | Design; ROW | Construction | Construction | Construction | Construction | Closeout |

Street Improvements

Southeast Connector - S.E. 30th Street to US 65

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 ST256 | Cost for Plan Period | 20,850,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 26,000,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 281,751 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 4 | Start Date: | Jul 2014 |
| Neighborhood(s): | N/A | End Date: | Jun 2025 |

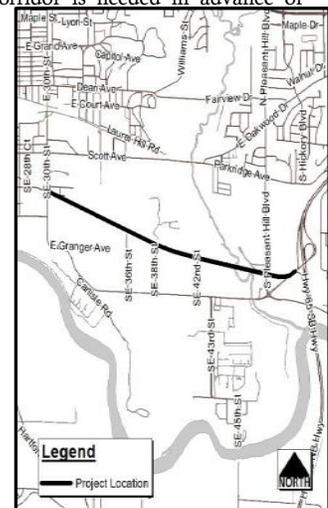
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | | |
|--------------------------------------|--------------------|--------------------|------------------|--------------------|------------------|------------------|------------------|------------------|------------------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | |
| Beginning Balance | 2,485,943 | — | 1,985,943 | — | 500,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | | |
| G.O. Bonds Issued | 4,859,535 | 3,609,535 | 1,250,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 10,500,000 | — | — | 1,500,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 5,000,000 | — |
| Federal | 1,850,000 | — | — | — | 500,000 | 1,350,000 | — | — | — | — |
| Federal - Pending | 9,500,000 | — | — | — | — | — | 3,500,000 | 3,500,000 | 2,500,000 | — |
| Storm Water Utility Fund | 149,007 | — | 149,007 | — | — | — | — | — | — | — |
| Total Revenue | 26,858,542 | 3,609,535 | 1,399,007 | 1,500,000 | 1,500,000 | 2,350,000 | 4,500,000 | 4,500,000 | 7,500,000 | — |
| Transfers In (Out): | | | | | | | | | | |
| ST500 - Fed Title 23 Land Sale | 1,222,414 | — | 722,414 | 500,000 | — | — | — | — | — | — |
| Total Transfers | 1,222,414 | — | 722,414 | 500,000 | — | — | — | — | — | — |
| Expenditures | 28,080,956 | 1,623,592 | 4,107,364 | 1,500,000 | 2,000,000 | 2,350,000 | 4,500,000 | 4,500,000 | 7,500,000 | — |
| Ending Cash Balance | | 1,985,943 | — | 500,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (3,829,035) | (1,536,399) | 1,857,364 | (1,000,000) | 500,000 | (650,000) | (1,500,000) | (1,500,000) | n/a | — |

Description: This project provides for the extension of the Southeast Connector and east/west segment of Martin Luther King Jr. Parkway from SE 30th Street to US 65. The project is a joint effort with Pleasant Hill. Due to limited funding, the plan period provides for design and right of way acquisition. Construction of the mainline would not be expected to occur until at least 2021. For FY17-19, the MPO has allocated \$7,932,000 to this project. The City of Des Moines requested that those funds be transferred to Pleasant Hill for construction of the eastern most portion of this project. Storm sewer improvements through Agrimergent Business Park are being constructed in 2017 and 2018 to accommodate

Justification: The Environmental Impact Statement for the Southeast Connector from SE 14th (US 69) to US 65 was approved by FHWA on May 27, 2010. Coordination with Pleasant Hill and securing right of way for the corridor is needed in advance of construction.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will add additional paving, which will require plowing and periodic maintenance. Funding for the maintenance of City streets including snow plowing which is funded mainly by Road Use Tax receipts.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| SE Connector - SE 30th to Hwy 65 | Design; ROW |

Street Improvements

S.E. 30th Street Widening - RR Viaduct to S.E. Connector

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 TBD | Cost for Plan Period | 6,600,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | 800,000 |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 4 | Start Date: | Jul 2020 |
| Neighborhood(s): | N/A | End Date: | Jun 2025 |

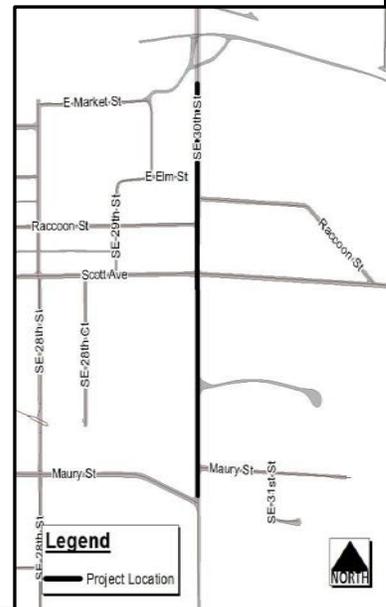
| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-------------|---------|---------|------------|----------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | 500,000 | 800,000 |
| Revenues: | | | | | | | | | |
| Federal - Pending | 1,500,000 | — | — | — | — | — | 500,000 | 500,000 | 500,000 |
| G.O. Bonds to be Issued | 6,200,000 | — | — | — | — | 200,000 | 2,000,000 | 2,000,000 | 2,000,000 |
| Total Revenue | 7,700,000 | — | — | — | — | 200,000 | 2,500,000 | 2,500,000 | 2,500,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 6,600,000 | — | — | — | — | 200,000 | 2,000,000 | 2,200,000 | 2,200,000 |
| Ending Cash Balance | | — | — | — | — | — | 500,000 | 800,000 | 1,100,000 |
| Change in Expend. (Prev. Yr.) | 2,200,000 | — | — | — | — | — | — | — | n/a |

Description: This project consists of rebuilding and widening SE 30th Street from the UPRR viaduct to the new SE Connector. A three lane roadway with one lane in each direction along with a center left turn lane is planned for this roadway. The roadway would also be improved to urban standards including the construction of curb, storm sewer, and new sidewalks. The City will be applying for federal funding for a portion of the construction cost.

Justification: The widening project will help accommodate existing traffic demands on this collector roadway as well as the anticipated increase in traffic volumes after the SE Connector is constructed to SE 30th Street.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: This project will add an estimated .05 lane miles of paving. Funding for the maintenance of streets - including snow plowing which is funded with Road Use Tax receipts.



| WORKPLAN | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 | FY 2022 | FY 2022 | FY 2022 | FY 2023 |
|-------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 | Oct-Dec 21 | Jan-Mar 22 | Apr-Jun 22 | Jul-Sep 22 |
| SE 30th Street Widening | Design |

Street Improvements
Special City-wide Street Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038PW99 ST217 | Cost for Plan Period | 10,400,000 |
| Department Responsible: | Public Works | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1,2,3,4 | Start Date: | Apr 2004 |
| Neighborhood(s): | Various | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|---|-------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 2,717,725 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Gaming Monies | 53,209,913 | 37,959,913 | 2,425,000 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| G.O. Bonds Issued | 327,971 | 327,971 | — | — | — | — | — | — | — |
| ARRA - Federal Stimulus | 927,336 | 927,336 | — | — | — | — | — | — | — |
| I-Jobs | 1,686,399 | 1,686,399 | — | — | — | — | — | — | — |
| Storm Water Utility Fund | 55,333 | 55,333 | — | — | — | — | — | — | — |
| Total Revenue | 56,206,952 | 40,956,952 | 2,425,000 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| Transfers In (Out): | — | — | — | — | — | — | — | — | — |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 56,206,952 | 38,239,227 | 5,142,725 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| Ending Cash Balance |  | 2,717,725 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 2,000,844 | (2,966,881) | 2,742,725 | 125,000 | — | — | 100,000 | — | n/a |

Description: This project provides for partial and full depth patching, diamond grinding, surface milling and hot mix asphalt (HMA) overlays, and other maintenance techniques on arterial and residential streets. This project is city-wide in scope. The City has 213 miles of arterial streets and 700 miles of residential streets. Cost of surface restoration is approximately \$70,000/mile. However, the City currently constructs ramps as part of any paving, repaving, or street surfacing project.

Justification: Only 40 percent of those taking the 2016 City of Des Moines Resident Survey were satisfied or very satisfied with the condition of streets in their neighborhood, and rank improving the condition of major and neighborhood streets as the top two priorities for the Engineering and Public Works Departments. This project will help address these concerns and help promote a positive City image.

Explanation of Change in Expenditures: Beginning in FY15, \$1 million dollars has been moved to the Road Use Tax Fund/General Fund to help prevent the need to increase the overall tax rate. Staff has also lowered the revenue estimate from \$1,685,000/year to \$1.5 million. Any excess funds will be carried-over to the following year.

Operating Budget Effect: This project will reduce claims against the City related to defective and/or deteriorating right-of-way infrastructure. The project will also help reduce maintenance expenses in the Road Use Fund for crack sealing, and other preventative maintenance activities all of which are funded almost entirely by Road Use Tax Receipts.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---|-----------------|----------------------|----------------------|-------------------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| 2018 Expanded Resurf (Residential and Arterial) | Prelim Planning | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Construction | Construction | Construction | Closeout | — |
| Hickman Rd Resonstruction at MLK Pkwy and 30th Street | Prelim Planning | Design, Plans, Specs | Design, Plans, Specs | Award Bid; Construction | Construction | Construction | Closeout | -- | — |

**Street Improvements
Streetscape Improvements
2018-19/2023-24 Capital Improvements Program**

| | | | |
|---------------------------------|--|-----------------------------|-----------|
| Chart of Accounts | C038EG99 ST231 | Cost for Plan Period | 6,800,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Sustain. Comm., Comm. Characte PlanDSM 13-14, 25, 49-50. | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 1,2,3,4 | Start Date: | Jul 2007 |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|--------------------|--------------------|------------------|--------------------|------------------|------------------|------------------|------------------|------------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 288,539 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Private | 256,761 | 256,761 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 3,399,485 | 3,149,485 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 3,250,000 | — | — | 250,000 | — | — | 1,000,000 | 1,000,000 | 1,000,000 |
| Tax Increment Funds | 395,000 | — | — | 395,000 | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 4,000,000 | — | — | 200,000 | 2,000,000 | 1,800,000 | — | — | — |
| Total Revenue | 11,301,246 | 3,406,246 | 250,000 | 845,000 | 2,000,000 | 1,800,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Transfers In (Out): | | | | | | | | | |
| ST243 - Euclid Ave. Intersection | (100,000) | (100,000) | — | — | — | — | — | — | — |
| ST244 - Highland Park Phase 2 | 467,890 | 589,890 | (122,000) | — | — | — | — | — | — |
| ST221 - Ingersoll Streetscape | (116,500) | (116,500) | — | — | — | — | — | — | — |
| ST245 - Beaver Ave Streetscape | (1,535,000) | (1,535,000) | — | — | — | — | — | — | — |
| UR042 - Accent | 74,164 | 74,164 | — | — | — | — | — | — | — |
| ST263 - E Village Street Improvement | (200,000) | (200,000) | — | — | — | — | — | — | — |
| ST266 - 6th Avenue Streetscape | (600,000) | (600,000) | — | — | — | — | — | — | — |
| Total Transfers | (2,009,446) | (1,887,446) | (122,000) | — | — | — | — | — | — |
| Expenditures | 9,291,800 | 1,230,261 | 416,539 | 845,000 | 2,000,000 | 1,800,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| Ending Cash Balance | | 288,539 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,539,985 | (271,554) | 166,539 | (1,155,000) | — | 1,800,000 | — | — | n/a |

Description: This project provides for the City's share of the design and construction of Streetscape projects. Funds in-hand will be available for the preliminary design and/or full design of streetscape projects that have been approved by the City, provided that all conditions of the City Streetscape policy have been met, and the Council votes to move forward on the project. Consultants will be used for the design of these projects. Additional funding will be reviewed for the other streetscape projects once all the private share is secured. Although many of these projects involve a storm water component, no storm water funds have been reserved for any streetscape project. The restriping of E. 30th Street is included in this project. Also included is the design of the next phase(s) of the Ingersoll Streetscape project. The Ingersoll Streetscape project is anticipated to be constructed in four phases MLK-28th; 24th-28th (N); 24th-28th (S); and 28th-31st. Once the full scope and funding is determined, by fall of 2018, it will move to a separate project sheet.

Justification: These projects are the outcome of neighborhood planning efforts to improve the appearance of commercial areas in the City.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP. The 42nd Street and 6th Avenue Streetscape projects are shown on separate sheets in the CIP.

Operating Budget Effect: Self-Supported Municipal Improvement Districts (SSMID) will need to be created to provide funding for the operation and maintenance for each of the streetscape improvements. The funds generated by these SSMIDs most likely will not be sufficient to cover major repairs that may be needed in the future, though it is likely that those improvements will be funded from the CIP). Therefore, with an increase of specialty items, pavement areas, pavement markings, traffic control devices, and additional signage will increase the maintenance needs such as additional staffing, materials, and fleet equipment during the life of these improvements.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Project Development | TBD |

Street Improvements Traffic Studies and Improvements 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 TR031 | Cost for Plan Period | 1,250,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab, Planning/Studies | Committed 06-30-2017: | 1,922 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 135,191 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 95,000 | 95,000 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 1,242,261 | 1,042,261 | 200,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 235,000 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Other | 12,469 | 12,469 | — | — | — | — | — | — | — |
| State | 394,560 | 394,560 | — | — | — | — | — | — | — |
| Total Revenue | 3,244,290 | 1,544,290 | 200,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,789,290 | 1,409,099 | 335,191 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | | 135,191 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (135,191) | 135,191 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | n/a |

Description: This project includes traffic studies and/or traffic control improvements for intersections or corridors as identified by neighborhood association planning or other initiatives within the City. The studies and improvements will address safety and mobility for all modes of traffic throughout Des Moines. This project also includes the City's proposed new Neighborhood Traffic Calming Program. Included in this project are studies and/or improvements for the Easton Boulevard corridor, Restoration Grand, Thompson Avenue, North of Grand neighborhood streets, Beaver Avenue, various school sites, Woodland Heights neighborhood streets, and the East 25th Corridor.

Justification: This project provides funding for traffic studies and traffic control improvements that are in support of the Plan DSM Transportation Goals and Policies.

Explanation of Change in Expenditures: This project is on-going with projects being undertaken on an as needed basis and is funded at similar levels as in the past.

Operating Budget Effect: The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Pedestrian Studies | Ongoing |

Street Improvements Traffic Median Island Replacement 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 TR034 | Cost for Plan Period | 1,250,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | N/A | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|------------------|----------|-----------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 646,857 | 646,857 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,250,000 | — | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Total Revenue | 1,896,857 | 646,857 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Transfers In (Out): | | | | | | | | | |
| ST065 - PCC Pavement Replac | (150,000) | (150,000) | — | — | — | — | — | — | — |
| Total Transfers | (150,000) | (150,000) | — | — | — | — | — | — | — |
| Expenditures | 1,746,857 | 496,857 | — | — | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | — | — | (250,000) | — | — | — | — | n/a |

Description: This project provides for replacement of older traffic median islands that have deteriorated beyond what normal maintenance can repair.

Justification: Deteriorated medians are unsightly and pose a potential traffic hazard.

Explanation of Change in Expenditures: This project has not changed from last year's CIP.

Operating Budget Effect: Because the medians are being replaced, this project will have a negligible impact on the operating departments impacted by this project - all of which are funded mainly by Road Use Tax receipts.



| WORKPLAN | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 | FY 2021 | FY 2021 | FY 2021 | FY 2022 |
|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 | Oct-Dec 20 | Jan-Mar 21 | Apr-Jun 21 | Jul-Sep 21 |
| Traffic Median Island Replacement | Ongoing Construction /TBD |

Street Improvements Traffic Signals, Channelization, and School Crossings 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 TR091 | Cost for Plan Period | 3,250,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion, Repair/Rehab | Committed 06-30-2017: | 32,227 |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-------------------|-------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 969,921 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 5,319,917 | 5,094,917 | 225,000 | - | — | — | — | — | — |
| G.O. Bonds to be Issued | 1,650,000 | - | - | 150,000 | 300,000 | 300,000 | 300,000 | 300,000 | 300,000 |
| Polk County | 7,500 | 7,500 | - | - | — | — | — | — | — |
| Road Use Tax | 1,600,000 | 400,000 | 200,000 | - | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| Other | 73,080 | 73,080 | - | - | — | — | — | — | — |
| Federal | 1,000,690 | 807,614 | 193,076 | - | — | — | — | — | — |
| State | 5,692,186 | 4,503,466 | 438,720 | - | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| Total Revenue | 15,343,373 | 10,886,577 | 1,056,796 | 150,000 | 650,000 | 650,000 | 650,000 | 650,000 | 650,000 |
| Transfers In (Out): | | | | | | | | | |
| ST### - Hubbell and Broadwa | (50,000) | - | (50,000) | - | — | — | — | — | — |
| Total Transfers | (50,000) | - | (50,000) | - | — | — | — | — | — |
| Expenditures | 15,293,373 | 9,916,656 | 1,976,717 | 150,000 | 650,000 | 650,000 | 650,000 | 650,000 | 650,000 |
| Ending Cash Balance | | 969,921 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | (343,084) | (1,094,801) | 1,251,717 | (500,000) | — | — | — | — | n/a |

Description: This project includes traffic signalization improvements throughout the City including the construction or re-building of traffic signal infrastructure, new or upgraded associated traffic control signage, and the replacement of failed or out of date signal equipment and detection. Iowa DOT Traffic Safety or U-STEP funds are sometimes used to supplement City funding for these projects. Projects include new traffic signals at 63rd Street and Creston Avenue, new traffic signals at ML King Jr Parkway and Prospect Road, re-building traffic signals at Douglas Avenue and 59th Street, re-building traffic signals at Douglas Avenue and 62nd Street, and new traffic signals at Des Moines Street and East 6th Street. Annual improvements include flashing yellow arrow signal upgrades, vehicle and pedestrian detection replacement, and countdown pedestrian signal upgrades.

Justification: Improvements will provide safer and more efficient movement of pedestrian, bicyclist, and vehicular traffic.

Explanation of Change in Expenditures: This project is on-going with projects being undertaken on an as needed basis and is funded at similar levels as in the past.

Operating Budget Effect: The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment, during the life of the improvements.



| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|----------------------------|------------|------------|------------|--------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Douglas and 59th / 62nd | --- | --- | --- | Award Bid | Construction | Construction | Construction | Closeout | --- |
| Des Moines & E 6th Street | --- | --- | Award Bid | Construction | Construction | Construction | Closeout | --- | --- |
| MLK & Prospect Signals | --- | --- | Award Bid | Construction | Construction | Closeout | --- | --- | --- |
| 63 rd & Creston | --- | --- | Award Bid | Construction | Construction | Construction | Closeout | --- | --- |

Street Improvements

Traffic System Operation Improvements

2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-------------------------------|
| Chart of Accounts | C038EG99 TR097 | Cost for Plan Period | 7,200,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - New/Expansion, Repair/Rehab | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (years) |
| Ward(s): | 1,2,3,4 | Start Date: | Ongoing |
| Neighborhood(s): | City-wide | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|-------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|----------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 570,057 | 500,000 | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| Federal | 4,820,548 | 3,840,548 | 140,000 | 140,000 | 140,000 | 140,000 | 140,000 | 140,000 | 140,000 |
| Other | 32,687 | 32,687 | — | — | — | — | — | — | — |
| G.O. Bonds Issued | 3,237,771 | 2,837,771 | 400,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 7,000,000 | — | — | 500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 1,500,000 | 500,000 |
| Total Revenue | 15,091,006 | 6,711,006 | 540,000 | 640,000 | 1,640,000 | 1,640,000 | 1,640,000 | 1,640,000 | 640,000 |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 15,091,006 | 6,140,949 | 610,057 | 1,140,000 | 1,640,000 | 1,640,000 | 1,640,000 | 1,640,000 | 640,000 |
| Ending Cash Balance | 570,057 | 570,057 | 500,000 | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 4,504,000 | (710,057) | 74,057 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | n/a |

Description: This project provides for installing and upgrading the interconnection between the City's 425+ traffic signals, new technologies in traffic control systems, and maintaining up-to-date traffic signal timing and coordination plans. Iowa DOT Traffic Safety funds and Iowa Clean Air Attainment Program funds are often used to supplement City funding for these projects. Included in this project is a phased program to update all of the City's traffic signal timing and coordination plans, add battery back-up units to key intersections, and replacement of the City's Intelligent Transportation System (ITS) infrastructure (traffic signal controllers, traffic management software, observation camera system, etc.) with technologies to meet our current needs and provide flexibility for future

Justification: This project will provide improved traffic flow and monitoring capabilities along major corridors. The ITS infrastructure upgrades will replace existing antiquated traffic signal technologies that continue to be a challenge to maintain.

Explanation of Change in Expenditures: Funding levels are increased significantly due to the need to update the traffic signal timing plans and to upgrade the traffic signal controllers.

Operating Budget Effect: The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment, during the life of the improvements.



| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Traffic Signal Timing Plan | -- | -- | -- | Phase 1 | Phase 2 | Phase 1 | Phase 2 | Phase 2 | Phase 3 |
| ITS implementation | Study | Study | Study | Study | Study | Study | Phase 1 | Phase 1 | Phase 1 |

Street Improvements
Traffic Sign Inventory Program
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 TR098 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1,2,3,4 | Start Date: | Jan 2012 |
| Neighborhood(s): | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|---------------------------------|------------------|------------------|----------------|----------|------------|----------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 194,754 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 560,000 | 560,000 | — | — | — | — | — | — | — |
| G.O. Bonds to be Issued | — | — | — | — | — | — | — | — | — |
| Total Revenue | 560,000 | 560,000 | — | — | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST243 - Euclid Ave Intersection | (100,000) | (100,000) | — | — | — | — | — | — | — |
| Total Transfers | (100,000) | (100,000) | — | — | — | — | — | — | — |
| Expenditures | 460,000 | 265,246 | 194,754 | — | — | — | — | — | — |
| Ending Cash Balance | — | 194,754 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | — | (194,754) | 194,754 | — | — | — | — | — | n/a |

Description: This program consists of the development of an initial citywide traffic sign evaluation and inventory database, followed by implementation of a sign monitoring and replacement program. Sign data has been collected and an inventory prepared during the first 2 years of the program. This will be utilized by city crews in their day-to-day sign maintenance activities. Funding has been programmed for ongoing costs to replace signs which are identified as non-compliant. The Iowa DOT "sign replacement program" will also provide sign materials of up to \$5,000/year, which reduces the city's need for additional funding for this program.

Justification: The 2009 Federal Manual on Uniform Traffic Control Devices requires that all public agencies implement a traffic sign management program. This consists of development of a strategy to manage and maintain their traffic signing, including a replacement program for those signs that no longer meet visibility requirements, including retro-reflectivity levels. In order to meet these requirements, a traffic sign inventory is needed that will identify locations and conditions of all traffic signing within the City. Funding is also needed to replace deficient signs that are identified as non-compliant.

Explanation of Change in Expenditures: This project has not changed significantly from last year's CIP.

Operating Budget Effect: Increases are expected in material costs as signs are identified as "non-compliant" and need to be upgraded. An increase in staff time is also expected in order to manage and maintain the new system.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Sign replacement | TBD |

Street Improvements Transportation Master Plan 2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 TR101 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 1,2,3,4 | Start Date: | Jan 2012 |
| Neighborhood(s): | | End Date: | Ongoing |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|-----------------|-----------------|----------------|----------------|------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 103,225 | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 525,000 | 275,000 | 250,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 150,000 | — | — | 150,000 | — | — | — | — | — |
| Total Revenue | 675,000 | 275,000 | 250,000 | 150,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| ST265 - Corridor Studies | (26,000) | (26,000) | — | — | — | — | — | — | — |
| Total Transfers | (26,000) | (26,000) | — | — | — | — | — | — | — |
| Expenditures | 649,000 | 145,775 | 353,225 | 150,000 | — | — | — | — | — |
| Ending Cash Balance | / | 103,225 | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 150,000 | (78,225) | 78,225 | 150,000 | — | — | — | — | n/a |

Description: This project will result in a city-wide multi-modal transportation master plan that addresses the needs of pedestrian, bicycle, transit, and automobile traffic. The development of the plan will include working with City staff, public stakeholders, and the public to identify transportation system needs throughout Des Moines and prioritize projects and policies for the City to implement. The plan will also include strategies for funding the needed improvements. The project scope would include data collection, public involvement, establishment of performance measures, existing system analysis, future alternatives and strategies, and an implementation plan for all modes of traffic.

Justification: The master plan will aid the City in working towards several of the goals outlined in the Plan DSM Transportation Goals and Policies, and will specifically accomplish Goal 1: Policy T1.

Explanation of Change in Expenditures: This project has increased in cost due to expanded scope.

Operating Budget Effect: The project by itself is not expected to have a significant impact on the operating departments responsible for maintaining the identified improvements. The cumulative impact of the addition of new traffic control devices, pavement area, and signage will increase maintenance needs such as additional staffing, materials, or fleet equipment, during the life of the improvements.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|-------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Master Plan | Study | -- |

Street Improvements
University Avenue - 42nd Street to 63rd Street
2018-19/2023-24 Capital Improvements Program

| | | | | |
|---------------------------------|---|--|-----------------------------|----|
| Chart of Accounts | C038EG99 ST275 | Cost for Plan Period | 1,100,000 | |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — | |
| General Category: | Infrastructure - New/Expansion | Committed 06-30-2017: | 4 | |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) | 20 |
| Ward(s): | 2 | Start Date: | Jul 2017 | |
| Neighborhood(s): | Sherdian Gardens | End Date: | Jun 2019 | |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|--------------------------------------|------------------|-------------|----------|----------------|------------------|----------|----------|----------|------------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | 50,000 | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds to be Issued | 300,000 | — | — | 300,000 | — | — | — | — | — |
| Road Use Tax | 750,000 | — | — | — | 750,000 | — | — | — | — |
| Federal | 500,000 | — | — | 200,000 | 300,000 | — | — | — | — |
| Total Revenue | 1,550,000 | — | — | 500,000 | 1,050,000 | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 1,550,000 | — | — | 450,000 | 1,100,000 | — | — | — | — |
| Ending Cash Balance | / / / / | — | — | 50,000 | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,550,000 | — | — | 450,000 | 1,100,000 | — | — | — | n/a |

Description: This project includes a traffic study for a 4 lane to 3 lane conversion from 42nd Street to 63rd Street. The project includes the removal of the pedestrian bridge and installation of a HAWK signal at Winsor Elementary School. This project also includes a traffic signal replacement at Merle Hay and University Avenue. The City of Des Moines has received federal funding for a rehabilitation project

Justification: Only 40 percent of those taking the 2016 City of Des Moines resident survey were satisfied or very satisfied with the conditions of streets in their neighborhood, and rank improving the condition of major streets and neighborhood streets as the top two priorities for the engineering departments. This project will address the deteriorating pedestrian bridge and traffic signals near Windsor Elementary and replace it with a safe crossing and new signals. The 4 lane to 3 lane conversion will provide more efficient movement for pedestrian, bicyclist, and vehicular traffic along the corridor.

Explanation of Change in Expenditures: This is a new project in this year's CIP.

Operating Budget Effect: This project will reduce the costs associated with pavement maintenance and maintenance needs such as staffing, materials, and fleet equipment to address aging traffic signal infrastructure.

| WORKPLAN | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 | FY 2020 | FY 2020 | FY 2020 | FY 2021 |
|--|------------|------------|------------|--------------------|--------------|--------------|--------------|--------------|------------|
| | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 | Oct-Dec 19 | Jan-Mar 20 | Apr-Jun 20 | Jul-Sep 20 |
| University Avenue - 42nd Street to 63rd Street | Design | Design | Design | Design / Award Bid | Construction | Construction | Construction | Construction | -- |

Street Improvements
Vandalia Road Improvements
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|---|--|-----------------------------|
| Chart of Accounts | C038EG99 ST268 | Cost for Plan Period | — |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | — |
| Relationship to Strategic Plan: | Upgraded City Infra., Effective Trans | PlanDSM Pgs 24-31, 48-51 | Estimated Useful Life (yrs) |
| Ward(s): | 3 | Start Date: | Jul 2017 |
| Neighborhood(s): | Downtown | End Date: | Jun 2019 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|-------------------------------|------------------|-------------|----------------|------------------|------------|---------|---------|---------|---------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | — | — | — | — | — | — | — |
| Revenues: | | | | | | | | | |
| G.O. Bonds Issued | 500,000 | — | 500,000 | — | — | — | — | — | — |
| G.O. Bonds to be Issued | 750,000 | — | — | 750,000 | — | — | — | — | — |
| Storm Water Utility Fund | 1,900,000 | — | 400,000 | 1,500,000 | — | — | — | — | — |
| Total Revenue | 3,150,000 | — | 900,000 | 2,250,000 | — | — | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| Total Transfers | — | — | — | — | — | — | — | — | — |
| Expenditures | 3,150,000 | — | 900,000 | 2,250,000 | — | — | — | — | — |
| Ending Cash Balance | | — | — | — | — | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 1,900,000 | — | — | 1,900,000 | — | — | — | — | n/a |

Description: Improvements are planned along Vandalia Road between the new SE Connector and Highway 65 to address safety concerns. These improvements address issues with signage, lighting, and drainage. Signage improvements will be addressed over the next year. The segment from the SE Connector past the WRA entrance will be reconstructed with new lighting as part of a WRA sewer project. Drainage improvements include storm sewer in ditching along Vandalia Road and will be constructed over the next few years. Lighting improvements along the corridor will be coordinated with the proposed drainage improvements.

Justification: This project provides improvements along a corridor to address safety.

Explanation of Change in Expenditures: The project cost has increased due to change in scope and updated cost estimates.

Operating Budget Effect: This project is not expected to have a significant impact, but it will add storm water infrastructure which will need to be maintained.

| WORKPLAN | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 | FY 2019 | FY 2019 | FY 2019 | FY 2020 |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 | Oct-Dec 18 | Jan-Mar 19 | Apr-Jun 19 | Jul-Sep 19 |
| Phase 1 | Construction | Construction | Construction | Construction | Closeout | -- | -- | -- | -- |
| Drainage Imp from SE 36th Street to SE 43rd Street | Design | Design | Design | Award Bid | Construction | Construction | Construction | Closeout | -- |

Street Improvements
Walnut Street Streetscape
2018-19/2023-24 Capital Improvements Program

| | | | |
|---------------------------------|--|---|-----------------------------|
| Chart of Accounts | C038EG99 ST252 | Cost for Plan Period | 7,000,000 |
| Department Responsible: | Engineering | Cost Beyond Six-year Period | — |
| General Category: | Infrastructure - Repair & Rehab. | Committed 06-30-2017: | 3,198,137 |
| Relationship to Strategic Plan: | Aliive DT, Sustain. Comm., Comm. Character | PlanDSM 13-14, 25, 49-50. | Estimated Useful Life (yrs) |
| Ward(s): | 3 | Start Date: | Jan 2012 |
| Neighborhood(s): | Downtown | End Date: | Jun 2020 |

| | TOTAL | PRIOR YEARS | BUDGET | | PLAN YEARS | | | | |
|----------------------------------|--------------------|------------------|--------------------|----------------|------------------|------------------|----------|----------|----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| Beginning Balance | — | — | 1,759,609 | 250,000 | — | 1,000,000 | — | — | — |
| Revenues: | | | | | | | | | |
| Private | 5,700,000 | 2,700,000 | — | — | 3,000,000 | — | — | — | — |
| DMWW | 45,000 | — | 45,000 | — | — | — | — | — | — |
| Tax Increment Funds | — | — | — | — | — | — | — | — | — |
| Tax Increment Bonds Issued | 4,080,000 | 3,580,000 | 500,000 | — | — | — | — | — | — |
| Tax Increment Bonds to be Issued | 4,000,000 | — | — | — | 1,500,000 | 2,500,000 | — | — | — |
| Total Revenue | 13,825,000 | 6,280,000 | 545,000 | — | 4,500,000 | 2,500,000 | — | — | — |
| Transfers In (Out): | | | | | | | | | |
| BR052 - Locust Street Bridge | (1,000,000) | — | (1,000,000) | — | — | — | — | — | — |
| Total Transfers | (1,000,000) | — | (1,000,000) | — | — | — | — | — | — |
| Expenditures | 12,825,000 | 4,520,391 | 1,054,609 | 250,000 | 3,500,000 | 3,500,000 | — | — | — |
| Ending Cash Balance | 1,000,000 | 1,759,609 | 250,000 | — | 1,000,000 | — | — | — | — |
| Change in Expend. (Prev. Yr.) | 250,000 | (1,554,609) | 304,609 | (500,000) | — | 2,000,000 | — | — | n/a |

Description: DART's new transit hub on Cherry Street between 6th and 7th Streets opened in 2012. Since that time, the Walnut Street Transit Mall is no longer needed. This project completed the streetscape project between 5th and 7th Streets. The streetscape is on hold until the building construction is completed at 7th & Walnut. It is anticipated that the streetscape project will be completed in phases between 2nd Avenue and 10th Street as time and funding allows. Traffic signal replacement at 2nd Avenue and 3rd Street is planned for 2017. A stop condition will be provided at 4th Street and Walnut Street.

Justification: The current transit mall was constructed in 1985 and has outlived its usefulness. The renovation of Walnut Street will improve the existing roadway infrastructure.

Explanation of Change in Expenditures: This project has been updated to include construction funding for a portion of this project.

Operating Budget Effect: This project is anticipated to have a very slight impact on the operating budget.

| WORKPLAN | FY 2017 | FY 2017 | FY 2017 | FY 2017 | FY 2018 | FY 2018 | FY 2018 | FY 2018 | FY 2019 |
|------------------------------|------------|------------|------------|--------------|--------------|--------------|--------------|------------|------------|
| | Jul-Sep 16 | Oct-Dec 16 | Jan-Mar 17 | Apr-Jun 17 | Jul-Sep 17 | Oct-Dec 17 | Jan-Mar 18 | Apr-Jun 18 | Jul-Sep 18 |
| Walnut Streetscape - Phase 1 | Design | Design | Award Bid | Construction | Construction | Construction | Construction | Closeout | -- |
| Walnut Streetscape - Phase 2 | -- | -- | -- | -- | -- | -- | Design | Design | Design |

Street Improvements

2018-19/2023-24 Capital Improvements Program

Expenditures

| Ward | TOTAL | PRIOR YEARS | BUDGET | | PLAN | | | | |
|---------|--|-------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| | Active Transportation | 1,500,000 | - | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| | Arterial Pavement Rehabilitation | 24,050,000 | 7,096 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 | 4,000,000 |
| 1,2,3,4 | Asphaltic Paving Restoration Prog. | 30,700,097 | 21,184,479 | 1,290,618 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 | 1,375,000 |
| 1,2,3,4 | Concrete Curb Replacement Program | 13,274,999 | 10,900,742 | 274,257 | 350,000 | 350,000 | 350,000 | 350,000 | 350,000 |
| 1,2,3,4 | Concrete Paving Restoration Program | 19,182,009 | 11,728,518 | 1,003,491 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 | 1,075,000 |
| | Connect Downtown | 6,370,000 | 441,542 | 850,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Corridor Improvements | 3,526,000 | - | 526,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 |
| 2 | E. Douglas Widening - E 42nd - E 56th | 10,300,000 | - | 500,000 | 2,700,000 | 4,000,000 | 3,100,000 | - | - |
| 2 | E 42nd and Hubbell Ave Inters. Imp | 2,900,000 | 185,160 | 1,714,840 | - | - | - | - | - |
| 2 | Easton- E 34th St/4-Mile Crk Curb | 1,710,955 | 10,955 | - | 1,100,000 | 600,000 | - | - | - |
| 4 | E. Village Street Improvements | 1,675,000 | 748,949 | 326,051 | 300,000 | 300,000 | - | - | - |
| 3 | 42nd Street Streetscape | 2,928,716 | 862,951 | 2,065,765 | - | - | - | - | - |
| 1,2,3,4 | Fed Title-23 Land Sales | 1,300,802 | 1,300,802 | - | - | - | - | - | - |
| | Gray's Parkway | 1,000,000 | - | 250,000 | 750,000 | - | - | - | - |
| | Highland Park Streetscape | 2,400,000 | - | 72,000 | 850,000 | 1,478,000 | - | - | - |
| | Hubbell and Broadway Intersection Improv | 750,000 | - | 50,000 | 700,000 | - | - | - | - |
| 2 | Hubbell Ave - E 33rd to E 38th | 12,564,045 | 776,886 | 912,159 | 7,375,000 | - | - | - | - |
| 4 | Indianola Widen- E Army Post Rd-Hwy 69 | 8,250,000 | - | 250,000 | 750,000 | 3,250,000 | 2,500,000 | 1,500,000 | - |
| 1,2,3,4 | LED Street Lighting Upgrades | 1,350,000 | - | 450,000 | 150,000 | 150,000 | 150,000 | 150,000 | 150,000 |
| 3,4 | McKinley Ave Widen-Fleur Dr-E Indianola | 12,977,438 | 5,469,309 | 2,558,129 | 1,400,000 | 200,000 | 200,000 | 200,000 | 200,000 |
| 1 | Merle Hay/Hickman Intersection Imp | 700,000 | - | 500,000 | 200,000 | - | - | - | - |
| 1 | Merle Hay Road Widen- Boston Ave-Doug | 3,800,000 | - | - | 300,000 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Neighborhood Infra Rehab Prog | 23,009,195 | 13,921,611 | 1,312,584 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 | 1,300,000 |
| 3 | Park Ave Widening - SW 56th-SW 63rd St. | 4,205,518 | 1,579,283 | 2,626,235 | - | - | - | - | - |
| 1,2,3,4 | PCC Pavement Replacement Program | 2,647,235 | 1,282,979 | 189,256 | 225,000 | 225,000 | 225,000 | 225,000 | 225,000 |
| 1,2,3,4 | RR Crossing Surface/Signal Imp | 940,422 | 608,175 | 182,247 | 50,000 | - | 100,000 | - | - |
| 1,2,3,4 | Rehab/Preservation Major Roadways | 12,994,178 | 6,797,723 | 1,446,455 | 900,000 | 925,000 | 925,000 | 925,000 | 925,000 |
| 1,2,3,4 | Residential Paving Program | 14,110,819 | 11,849,984 | 310,835 | 420,000 | 320,000 | 320,000 | 320,000 | 320,000 |

Street Improvements - Continued

2018-19/2023-24 Capital Improvements Program

Expenditures

| | | | BUDGET | | PLAN | | | | | |
|--------------------------------------|---|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| 1,2,3,4 | Roadway Reconstruction | 17,836,287 | 5,297,968 | 1,288,319 | 2,750,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 | 1,700,000 |
| 1,2,3,4 | Sidewalks - ADA Compliance | 13,300,000 | 8,311,115 | 1,588,885 | 1,500,000 | 1,500,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| 1,2,3,4 | Sidewalk Replacement | 11,632,443 | 6,538,421 | 969,022 | 675,000 | 675,000 | 675,000 | 675,000 | 700,000 | 725,000 |
| 1,2,3,4 | Sidewalks - School and Priority Routes | 3,647,912 | 1,398,110 | 574,802 | 300,000 | 275,000 | 275,000 | 275,000 | 275,000 | 275,000 |
| | 6th Avenue Streetscape | 9,225,000 | 5,385 | 44,615 | 2,750,000 | 975,000 | 2,200,000 | 2,000,000 | 1,250,000 | - |
| 1,2,3,4 | Skywalk System | 18,352,756 | 13,225,783 | 1,826,973 | 2,050,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| 4 | SE Connector - S.E. 30th Street to US 65 | 28,080,956 | 1,623,592 | 4,107,364 | 1,500,000 | 2,000,000 | 2,350,000 | 4,500,000 | 4,500,000 | 7,500,000 |
| 4 | SE 7th Street Reconstruction and Trunk Sewer | 3,000,000 | - | - | 750,000 | 2,250,000 | - | - | - | - |
| 4 | S.E. 30th Widening - RR Viaduct to S.E. Connector | 6,600,000 | - | - | - | - | 200,000 | 2,000,000 | 2,200,000 | 2,200,000 |
| 1,2,3,4 | Special City-wide Street Improvements | 56,206,952 | 38,239,227 | 5,142,725 | 2,425,000 | 2,200,000 | 2,100,000 | 2,100,000 | 2,000,000 | 2,000,000 |
| 1,2,3,4 | Streetscape Improvements | 9,291,800 | 1,230,261 | 416,539 | 845,000 | 2,000,000 | 1,800,000 | 1,000,000 | 1,000,000 | 1,000,000 |
| 1,2,3,4 | Traffic Studies and Improvements | 3,244,290 | 1,409,099 | 335,191 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| 1,2,3,4 | Traffic Median Island Replacement | 1,746,857 | 496,857 | - | - | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 |
| 1,2,3,4 | Traffic Signals/Channelization/School Closures | 15,293,373 | 9,916,656 | 1,976,717 | 150,000 | 650,000 | 650,000 | 650,000 | 650,000 | 650,000 |
| 1,2,3,4 | Traffic System Operation Improvements | 15,091,006 | 6,140,949 | 610,057 | 1,140,000 | 1,640,000 | 1,640,000 | 1,640,000 | 1,640,000 | 640,000 |
| 1,2,3,4 | Traffic Sign Inventory Program | 460,000 | 265,246 | 194,754 | - | - | - | - | - | - |
| 0 | Transportation Master Plan | 649,000 | 145,775 | 353,225 | 150,000 | - | - | - | - | - |
| | University Avenue - 42nd Street to 63rd Street | 1,550,000 | - | - | 450,000 | 1,100,000 | - | - | - | - |
| | Vandalia Road Improvements | 3,150,000 | - | 900,000 | 2,250,000 | - | - | - | - | - |
| 3 | Walnut Street Streetscape | 12,825,000 | 4,520,391 | 1,054,609 | 250,000 | 3,500,000 | 3,500,000 | - | - | - |
| Total Proposed Expenditures = | | 452,301,060 | 188,421,979 | 38,816,081 | 39,885,000 | 48,535,000 | 39,738,000 | 35,760,000 | 30,935,000 | 30,210,000 |

Street Improvements

2018-19/2023-24 Capital Improvements Program

Change in Expenditures from Last Year's Document

| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | BUDGET | | PLAN | | | | |
|------|--|-------------|-------------|-----------|-------------|-----------|-----------|-------------|-------------|---------|
| | | | | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| TRUE | Active Transportation | 1,250,000 | - | - | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | - |
| TRUE | Arterial Pavement Rehabilitation | - | 7,096 | (7,096) | - | - | - | - | - | n/a |
| TRUE | Asphaltic Paving Restoration Prog. | 1,733,342 | 277,724 | 205,618 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | n/a |
| TRUE | Concrete Curb Replacement Program | - | 75,743 | (75,743) | - | - | - | - | - | n/a |
| TRUE | Concrete Paving Restoration Program | 200,575 | 272,084 | (71,509) | - | - | - | - | - | n/a |
| TRUE | Connect Downtown | (270,000) | 201,542 | (321,542) | (150,000) | - | - | - | - | - |
| TRUE | Corridor Improvements | 25,000 | (16,000) | 41,000 | - | - | - | - | - | n/a |
| TRUE | E. Douglas Widening - E 42nd - E 56th | (1,200,000) | - | - | 100,000 | 2,400,000 | - | (900,000) | (2,800,000) | n/a |
| TRUE | E 42nd and Hubbell Ave Inters. Imp | 150,000 | (1,364,840) | 514,840 | 1,000,000 | - | - | - | - | n/a |
| TRUE | Easton- E 34th St/4-Mile Crk Curb | 10,955 | (89,045) | (300,000) | (1,300,000) | 1,100,000 | 600,000 | - | - | n/a |
| TRUE | E. Village Street Improvements | - | 473,949 | (473,949) | (600,000) | 300,000 | 300,000 | - | - | n/a |
| TRUE | 42nd Street Streetscape | 398,716 | (567,049) | 965,765 | - | - | - | - | - | n/a |
| TRUE | Fed Title-23 Land Sales | (683,665) | (683,665) | - | - | - | - | - | - | n/a |
| TRUE | Gray's Parkway | 1,000,000 | - | - | 250,000 | 750,000 | - | - | - | n/a |
| TRUE | Highland Park Streetscape | 2,400,000 | - | 72,000 | - | 850,000 | 1,478,000 | - | - | - |
| TRUE | Hubbell and Broadway Intersection Improv | 750,000 | - | 50,000 | 700,000 | - | - | - | - | - |
| TRUE | Hubbell Ave - E 33rd to E 38th | 4,164,045 | 76,886 | (87,841) | 300,000 | 3,875,000 | - | - | - | n/a |
| TRUE | Indianola Widen- E Army Post Rd-Hwy 69 | - | - | - | - | - | - | - | - | n/a |
| TRUE | LED Street lighting Upgrades | (500,000) | (300,000) | 300,000 | - | - | - | (500,000) | - | n/a |
| TRUE | McKinley Ave Widen-Fleur Dr-E Indianola | 1,190,110 | (1,018,019) | 958,129 | 1,250,000 | - | - | - | - | n/a |
| TRUE | Merle Hay/Hickman Intersection Imp | (3,100,000) | - | - | 500,000 | 200,000 | (300,000) | (1,000,000) | (2,500,000) | n/a |
| TRUE | Merle Hay Road Widen- Boston Ave-Doug | - | - | - | - | - | - | - | - | n/a |
| TRUE | Neighborhood Infra Rehab Prog | (408,342) | (470,926) | 62,584 | - | - | - | - | - | n/a |
| TRUE | Park Ave Widening - SW 56th-SW 63rd St. | (812,250) | (238,485) | (373,765) | (200,000) | - | - | - | - | n/a |
| TRUE | PCC Pavement Replacement Program | (395,334) | (184,590) | 14,256 | (225,000) | - | - | - | - | n/a |
| TRUE | RR Crossing Surface/Signal Imp | - | (82,247) | 82,247 | - | - | - | - | - | n/a |
| TRUE | Rehab/Preservation Major Roadways | (352,674) | (549,129) | 946,455 | (725,000) | (25,000) | - | - | - | n/a |
| TRUE | Residential Paving Program | 30,000 | (210,835) | 210,835 | (70,000) | 100,000 | - | - | - | n/a |

Street Improvements - Continued

2018-19/2023-24 Capital Improvements Program

Change in Expenditures from Last Year's Document

| | | | BUDGET | | PLAN | | | | | |
|-----------------------|--|-------------------|---------------------|------------------|------------------|-------------------|------------------|-----------------|--------------------|----------|
| Ward | PROJECT TITLE | TOTAL | PRIOR YEARS | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
| TRUE | Roadway Reconstruction | 2,744,334 | 2,106,015 | (411,681) | 1,050,000 | - | - | - | - | n/a |
| TRUE | Sidewalks - ADA Compliance | 1,050,000 | (88,885) | 88,885 | - | 750,000 | 100,000 | 100,000 | 100,000 | n/a |
| TRUE | Sidewalk Replacement | (50,000) | (319,022) | 319,022 | - | - | - | (25,000) | (25,000) | n/a |
| TRUE | Sidewalks - School and Priority Routes | (340,000) | (364,802) | (198) | 25,000 | - | - | - | - | n/a |
| TRUE | 6th Avenue Streetscape | 2,525,000 | (194,615) | (1,455,385) | 1,000,000 | (525,000) | 450,000 | 2,000,000 | 1,250,000 | n/a |
| TRUE | Skywalk System | 667,338 | (209,635) | (773,027) | 1,650,000 | - | - | - | - | n/a |
| TRUE | SE Connector - S.E. 30th Street to US 65 | (3,829,035) | (1,536,399) | 1,857,364 | (1,000,000) | 500,000 | (650,000) | (1,500,000) | (1,500,000) | n/a |
| | SE 7th Street Reconstruction and Trunk Sewer | 3,000,000 | - | - | 750,000 | 2,250,000 | - | - | - | n/a |
| TRUE | S.E. 30th Widening - RR Viaduct to S.E. Center | - | - | - | - | - | - | - | - | n/a |
| TRUE | Special City-wide Street Improvements | 844 | (2,966,881) | 2,742,725 | 125,000 | - | - | 100,000 | - | n/a |
| TRUE | Streetscape Improvements | 539,985 | (271,554) | 166,539 | (1,155,000) | - | 1,800,000 | - | - | n/a |
| TRUE | Traffic Studies and Improvements | 1,000,000 | (135,191) | 135,191 | 200,000 | 200,000 | 200,000 | 200,000 | 200,000 | n/a |
| TRUE | Traffic Median Island Replacement | (250,000) | - | - | (250,000) | - | - | - | - | n/a |
| TRUE | Traffic Signals/Channelization/School Closures | (343,084) | (1,094,801) | 1,251,717 | (500,000) | - | - | - | - | n/a |
| TRUE | Traffic System Operation Improvements | 3,864,000 | (710,057) | 74,057 | 500,000 | 1,000,000 | 1,000,000 | 1,000,000 | 1,000,000 | n/a |
| TRUE | Traffic Sign Inventory Program | - | (194,754) | 194,754 | - | - | - | - | - | n/a |
| TRUE | Transportation Master Plan | 150,000 | (78,225) | 78,225 | 150,000 | - | - | - | - | n/a |
| TRUE | University Avenue - 42nd Street to 63rd Street | 1,550,000 | - | - | 450,000 | 1,100,000 | - | - | - | - |
| TRUE | Vandalia Road Improvements | 1,900,000 | - | - | 1,900,000 | - | - | - | - | n/a |
| TRUE | Walnut Street Streetscape | 250,000 | (1,554,609) | 304,609 | (500,000) | - | 2,000,000 | - | - | n/a |
| Total Change = | | 20,009,860 | (12,003,221) | 7,285,081 | 5,725,000 | 15,325,000 | 7,478,000 | (25,000) | (3,775,000) | - |

| Street Improvements | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| 2018-19/2023-24 Capital Improvements Program | | | | | | | |
| TIF BACKED G.O. BONDS TO BE ISSUED | | | | | | | |
| | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | Total |
| PROJECT | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | FY19-FY24 |
| | - | 2,500,000 | 2,500,000 | - | - | - | 5,000,000 |
| Metro Arterial Pavement Restoration | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 | 375,000 | 2,250,000 |
| Metro Asphaltic Paving Restoration Program | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 500,000 | 3,000,000 |
| Metro Connect Downtown | 250,000 | 750,000 | - | - | - | - | 1,000,000 |
| Metro Gray's Parkway | - | 600,000 | - | - | - | - | 600,000 |
| Metro E Village Street Improvements | 1,625,000 | 250,000 | 250,000 | 250,000 | 250,000 | 250,000 | 2,875,000 |
| Metro Skywalk System | 500,000 | 1,500,000 | - | - | - | - | 2,000,000 |
| Metro SE 7th Street Reconstruction and force main | 200,000 | 2,000,000 | 1,800,000 | - | - | - | 4,000,000 |
| Accent Streetscape Improvements | - | 1,500,000 | 2,500,000 | - | - | - | 4,000,000 |
| Metro Walnut Street Mall Renovation | | | | | | | |
| TIF Bonds to be Issued = | 3,450,000 | 9,975,000 | 7,925,000 | 1,125,000 | 1,125,000 | 1,125,000 | 24,725,000 |

| TIF BACKED G.O. BONDS TO BE ISSUED (CHANGE FROM ADOPTED) | | | | | | | | |
|---|---|------------------|------------------|------------------|----------------|----------------|------------------|---------------------|
| Ward | PROJECT | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | YEAR 6 | TOTAL CHANGE |
| | | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | FY19-FY23 |
| Central Place | Arterial Pavement Restoration | - | 2,500,000 | 2,500,000 | - | - | - | 5,000,000 |
| Metro | Asphaltic Paving Restoration Program | - | - | - | - | - | 375,000 | - |
| Metro | Connect Downtown | - | - | - | - | - | 500,000 | - |
| Metro | Gray's Parkway | 250,000 | 750,000 | - | - | - | - | 1,000,000 |
| Metro | E Village Street Improvements | (600,000) | 600,000 | - | - | - | - | - |
| Metro | Skywalk System | 1,225,000 | - | - | - | - | 250,000 | 1,225,000 |
| Metro | SE 7th Street Reconstruction and force main | 500,000 | 1,500,000 | - | - | - | - | 2,000,000 |
| Accent | Streetscape Improvements | (1,550,000) | - | 1,800,000 | - | - | - | 250,000 |
| Metro | Walnut Street Mall Renovation | (750,000) | (500,000) | 2,500,000 | - | - | - | 1,250,000 |
| | Total Change = | (925,000) | 4,850,000 | 6,800,000 | - | - | 1,125,000 | 10,725,000 |