

CITY OF DUBUQUE, IOWA

Fiscal Year 2020-2024 Capital Improvement Program (CIP)

TO: The Honorable Mayor and City Council Members

FROM: Michael C. Van Milligen, City Manager

Attached is the Fiscal Year 2020-2024 Capital Improvement Program (CIP). State law requires that a five-year CIP be adopted by the City Council after a public hearing. The required CIP public hearing will be held March 7, 2019, at the same time as the public hearing on the Fiscal Year 2020 Operating Budget.

The CIP, as the plan for the City's physical development effort, attempts to address a variety of needs that the City must meet if it is to maintain its physical facilities, meet its service commitments and provide for its future development. The CIP recommendation reflects the City's comprehensive plan and the goals and priorities established by the City Council and are shown in each of the State mandated budget program areas.

The Fiscal Year 2020 CIP budget recommendation of \$57,186,070 is a 31.21% increase from the Fiscal Year 2019 CIP budget of \$43,584,986.

For several years, the Mayor and City Council has been taking advantage of the historically low interest rates and investing in City infrastructure and economic development and redevelopment. At the 2015 City Council Goal Setting, the Mayor and City Council adopted debt reduction as a High Priority. This budget recommendation reflects that debt reduction priority.

While the City will issue \$44,941,848 in new debt in the recommended five-year CIP, mostly for fire truck and pumper replacements, fire station expansion, sanitary sewer improvements, additional downtown parking, and maintenance of Five Flags (if there is no referendum or the referendum does not pass), the City will access \$18,868,490 of previously issued state revolving fund loans as the related capital improvement projects progress, for a total of \$63,810,338 of debt in FY 2020-2024. The City will retire \$91,675,928 of existing debt, reducing the amount of City debt by \$27,865,590.

In this budget recommendation, the Mayor and City Council are currently reviewing for Fiscal Year 2020, the use of the statutory debt limit would be 51%, and by the end of the recommended 5-Year Capital Improvement Program (CIP) budget in Fiscal Year 2024, the City of Dubuque would be at 43% of the statutory debt limit. Projections out 10 years to Fiscal Year 2029 show the City of Dubuque at 28% of the statutory debt limit. This is an improvement on the debt reduction plan adopted in August 2015, that first began implementation in Fiscal Year 2016.

In this extremely low interest rate environment, the City had been increasing the use of debt to accomplish the projects that need to be done. To have any success, a community must have a sound infrastructure. The Mayor and City Council has recognized the infrastructure issues Dubuque faces and has been responsive. While there was some criticism of City use of debt to deal with those infrastructure challenges, that criticism fails to recognize that not financing the needed infrastructure maintenance and improvements is also a form of debt that is passed down to future

generations. This was a strategic decision by the City Council realizing that infrastructure investment just gets more expensive over time for these reasons: a) the older a piece of infrastructure gets and the more it is allowed to deteriorate increases costs; b) the longer the wait to invest in infrastructure the costs are increased by inflation; and c) If the investment in infrastructure is not made in this low interest rate environment this investment will eventually need to be made when interest rates are higher, thereby increasing costs. However, beginning in FY 2016 the City Council at their 2015 Goal Setting Session debt reduction was adopted as a High Priority. So the amount of outstanding debt will begin to decrease and going forward the City will be issuing less debt each year than is retired and many projects will become pay-as-you-go.

The debt principal outstanding projected as of June 30, 2019, is currently \$266,142,517. The breakdown of the debt principle outstanding as of June 30, 2019, is as follows:

Debt Obligation	6/30/2019 Principle Outstanding
General Obligation Essential Corporate Purpose	\$91,695,382
Tax Increment Notes and Bonds	\$19,711,055
Economic Development TIF Rebate Agreements	\$9,467,350
General Fund Leases	\$155,000
Other Revenue-Backed Loans	\$3,722,825
Total Indebtedness Subject to Statutory Debt Limit of \$221,512,756	\$124,751,612
Percent of Statutory Debt Limit Used as of June 30, 2019	56.32%
Revenue Bonds	\$120,590,905
Debt Subject to Annual Appropriation	\$20,800,000
Total City Indebtedness as of June 30, 2018	\$266,142,517

The City will issue \$44,941,848 in new debt in the recommended 5-year CIP, mostly for fire truck and pumper replacements, fire station expansion, sanitary sewer improvements, additional downtown parking, and maintenance of Five Flags (if there is no referendum or the referendum does not pass).

Project	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
East/West Corridor	\$ 450,000	\$ 150,000				\$ 600,000
Vehicle Replacement	\$ 372,420	\$ 426,522	\$ 187,201			\$ 986,143
Ladder and Pumper Replacement	\$ 291,667		\$ 1,557,550		\$ 405,200	\$ 2,254,417
Jackson Park Restrooms	\$ 250,000					\$ 250,000
Catfish & Granger Interceptor	\$ 243,000	\$ 1,251,000	\$ 1,940,000			\$ 3,434,000
Replace Snow Equipment	\$ 230,000					\$ 230,000
Asset Management Plan	\$ 164,000	\$ 237,000	\$ 121,000			\$ 522,000
Rehab Runway Lighting	\$ 156,400					\$ 156,400
Cedar and Terminal Mains and Lift	\$ 153,000	\$ 750,000	\$ 1,416,000	\$ 2,260,000		\$ 4,579,000
Final Clarifier	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000		\$ 520,000
Track Line Cleaning & Lining	\$ 100,000	\$ 187,790				\$ 287,790
GRC Replace Carpet	\$ 88,000				\$ 120,000	\$ 208,000
Replace HVAC Fire Headquarters	\$ 80,000	\$ 168,924	\$ 344,605			\$ 593,529
CCTV Inspection	\$ 75,000	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 900,000
Clock Tower Plaza Rehab	\$ 33,000	\$ 67,000				\$ 100,000
Central-White 2-Way Conversion Study	\$ 20,000					\$ 20,000
Chavenelle Road Rehab		\$ 2,700,000				\$ 2,700,000
Development of McFadden Farm		\$ 2,616,995				\$ 2,616,995
Sanitary Sewer Ext Existing Developments		\$ 600,000	\$ 1,200,000		\$ 231,786	\$ 2,031,786
E 12th and Elm Parking Lot		\$ 589,000				\$ 589,000
River Dock Expansion		\$ 462,500				\$ 462,500
ABC Building Demo		\$ 417,000				\$ 417,000
Federal Building Renovation		\$ 391,800				\$ 391,800
Auburn and Custer Sewer		\$ 316,400				\$ 316,400

Project	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Riverfront Leasehold Improvements		\$ 301,700				\$ 301,700
Stone Retaining Walls - Lowell St		\$ 290,400				\$ 290,400
Jackson Park Amenities		\$ 250,000				\$ 250,000
General Ledger Software		\$ 250,000	\$ 750,000			\$ 1,000,000
Central Avenue Corridor Initiative		\$ 240,000				\$ 240,000
Heeb Street		\$ 230,000				\$ 230,000
Entrance Sign Regrading and Lighting		\$ 216,138				\$ 216,138
Center Place Alley Sewer Rehab		\$ 110,000	\$ 300,000			\$ 410,000
Central Streetscape Implementation		\$ 100,500				\$ 100,500
Hempstead Sanitary Sewer		\$ 30,000	\$ 250,000			\$ 280,000
Street Light Installation		\$ 12,000			\$ 150,000	\$ 162,000
Five Flags Improvements					\$ 4,800,000	\$ 4,800,000
Fire Station Expansion Relocation				\$ 806,000	\$ 3,131,400	\$ 3,937,400
Locust St Ramp Rebuild					\$ 3,000,000	\$ 3,000,000
Southfork Interceptor Sewer				\$ 34,181	\$ 533,819	\$ 568,000
7th Street Extension to Pine					\$ 400,000	\$ 400,000
Cooper Place and Maiden Lane Sewer				\$ 30,000	\$ 300,000	\$ 330,000
Phosphorus Removal					\$ 300,000	\$ 300,000
Arena Roof A/C Replacement					\$ 225,000	\$ 225,000
Rehab Taxiway A				\$ 525,000		\$ 525,000
Twin Ridge Lagoon Abandonment			\$ 465,000			\$ 465,000
Perry & Bradley St Force Main Improv				\$ 260,000		\$ 260,000
High Strength Storage			\$ 522,155	\$ 961,795		\$ 1,483,950
Total New Debt	\$ 2,836,487	\$ 13,777,669	\$ 9,363,511	\$ 5,186,976	\$ 13,777,205	\$ 44,941,848

In addition, the City will access \$18,868,490 of previously issued state revolving fund loans as the related capital improvement projects progress. The draw down on these previously issued loans is as follows:

Project	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
Sanitary Kerper Boulevard SRF	\$ 1,390,000					\$ 1,390,000
Stormwater Upper Bee Branch & Sponsor SRF	\$ 247,668	\$ 247,664				\$ 495,332
Stormwater Flood Mitigation Project SRF	\$ 9,000,000	\$ 1,820,958				\$10,820,958
Water Roosevelt Water Tower SRF	\$ 2,982,200					\$ 2,982,200
Water CIWA Purchase & Improvements	\$ 1,090,000	\$ 1,060,000	\$ 1,030,000			\$ 3,180,000
Total Draw Downs	\$ 14,709,868	\$ 3,128,622	\$ 1,030,000	\$ —	\$ —	\$18,868,490

The City will retire \$91,675,928 of existing debt over the next five-years (FY20-FY24).

The following chart shows the net reduction of debt from Fiscal Year 2020 - Fiscal Year 2024:

Project	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
New Debt	\$ 2,836,487	\$ 13,777,669	\$ 9,363,511	\$ 5,186,976	\$ 13,777,205	\$ 44,941,848
Previously Issued SRF Draw Downs	\$ 14,709,868	\$ 3,128,622	\$ 1,030,000	\$ —	\$ —	\$ 18,868,490
Retired Debt	-\$17,618,998	-\$18,014,968	-\$17,320,037	-\$18,868,537	-\$19,853,388	-\$91,675,928
Net Debt Reduction	-\$72,643	-\$1,108,677	-\$6,926,526	-\$13,681,561	-\$6,076,183	-\$27,865,590

There was a 2.78% increase in assessed value effective January 1, 2018, which is the assessment the Fiscal Year 2020 statutory debt limit is based on. The statutory debt limit effective June 30, 2020 is \$227,661,474. **The City will be at 51.14% of statutory debt limit by June 30, 2020.** In Fiscal Year 2016 the City was at 86.13% of statutory debt limit, so **51.14% in Fiscal Year 2020 is a -34.99% decrease in use of the statutory debt limit.**

The ten year history of the City's use of the statutory debt limit is as follows:

FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19
54.38%	64.14%	69.69%	84.31%	83.87%	89.89%	86.13%	69.47%	63.42%	56.32%

The five year projection of the City's use of the statutory debt limit from Fiscal Year 2020–2024 including all planned debt issuances subject to the statutory limit and assuming a 2% growth in the City's assessed valuation beginning in Fiscal Year 2020 is as follows:

FY 20	FY 21	FY 22	FY 23	FY 24
51.14%	50.04%	46.56%	42.50%	42.77%

The following chart shows Dubuque's relative position pertaining to use of the statutory debt limit for Fiscal Year 2020 compared to the other cities in Iowa for Fiscal Year 2018 with a population over 50,000:

Fiscal Year 2018 Legal Debt Limit Comparison for Eleven Largest Iowa Cities

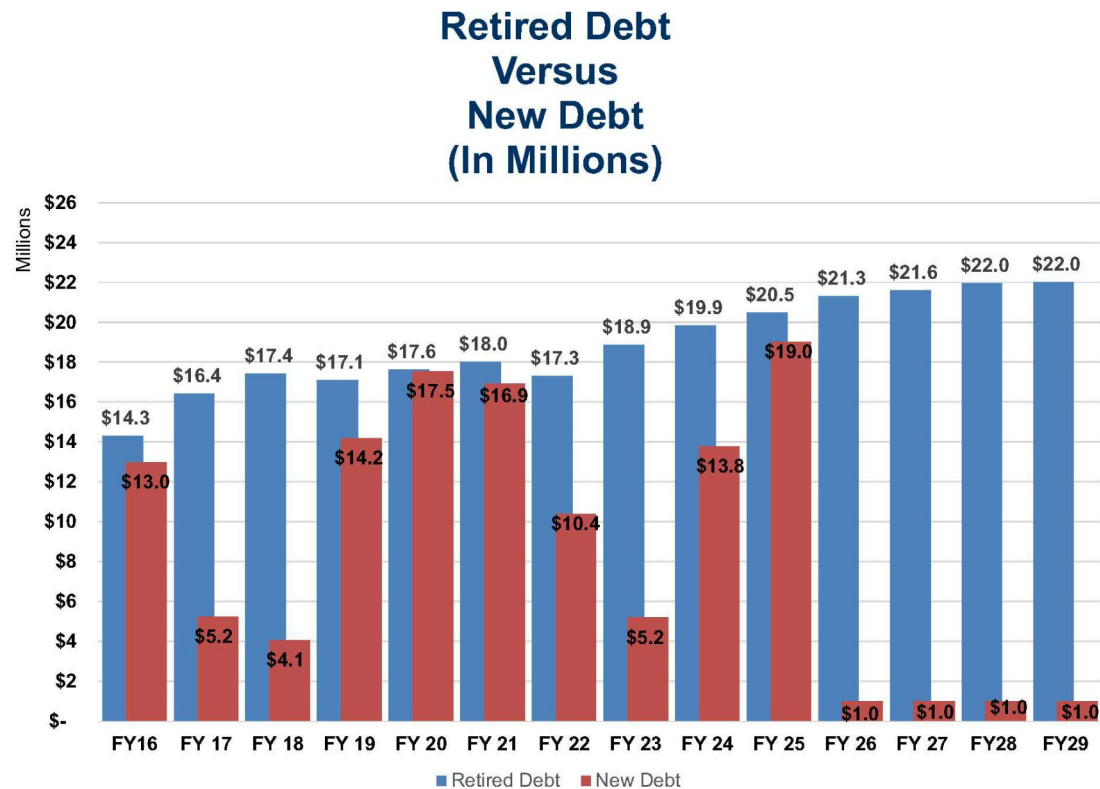
Rank	City	Legal Debt Limit (5%)	Statutory Debt Outstanding	Percentage of Legal Debt Limit Utilized
11	Des Moines	\$ 569,816,717	\$ 416,130,930	73.03%
10	Sioux City	\$ 213,569,727	\$ 144,100,000	67.47%
9	Davenport	\$ 330,626,114	\$ 211,165,000	63.87%
8	Waterloo	\$ 191,406,282	\$ 108,225,490	56.54%
7	Cedar Rapids	\$ 518,039,169	\$ 271,585,000	52.43%
6	Ankeny	\$ 245,580,138	\$ 126,830,000	51.65%
5	W. Des Moines	\$ 359,449,675	\$ 184,720,000	51.39%
4	Dubuque (FY20)	\$ 227,661,474	\$ 116,425,803	51.14%
	Dubuque (FY24)	\$ 246,428,101	\$ 105,406,783	42.77%
3	Ames	\$ 209,227,522	\$ 65,480,000	31.30%
2	Council Bluffs	\$ 241,950,558	\$ 68,725,096	28.40%
	Dubuque (FY29)	\$ 272,076,536	\$ 76,004,423	27.93%
1	Iowa City	\$ 274,723,837	\$ 66,945,000	24.37%

Retired Debt Versus New Debt

The total City indebtedness as of June 30, 2020, is projected to be \$266,876,000 (51.14% of statutory debt limit). The total City indebtedness as of June 30, 2016, was \$295,477,641 (86.13% of statutory debt limit). **The City is projected to have \$28,601,641 less in debt as of June 30, 2020.**

The combination of reduced debt and increased utility rates partially reflects the movement to a more "pay as you go" strategy. This could lead to larger tax and fee increases than with the use of debt.

The following chart shows the amount of retired debt as compared to new debt for the five-year Capital Improvement Program ending in Fiscal Year 2024 and then for 10 years ending in Fiscal Year 2029. The new debt includes new debt issuances as well as draw downs on existing state revolving fund loans:



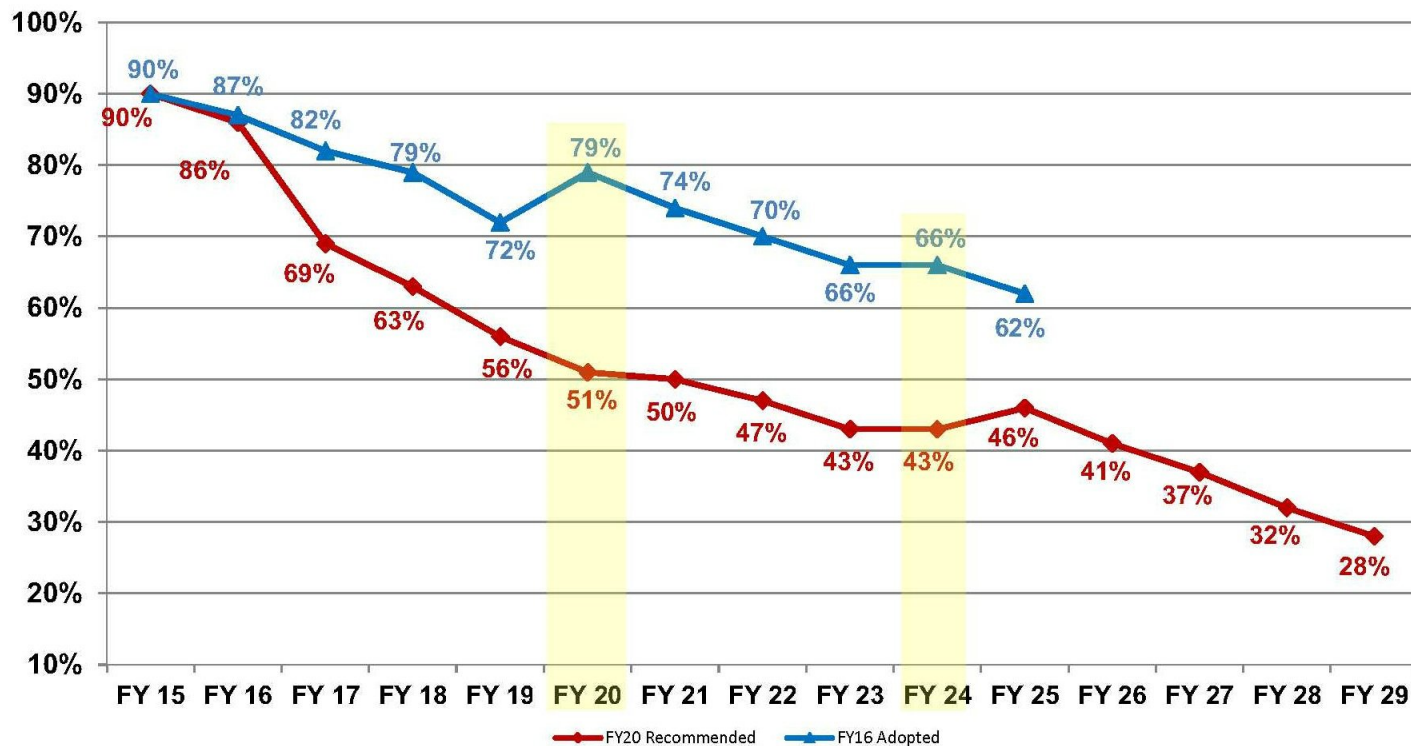
* Five-Year Average of New Debt FY16-FY20 \$10,800,907

**Five-Year Average of New Debt FY20-FY24 \$12,762,068

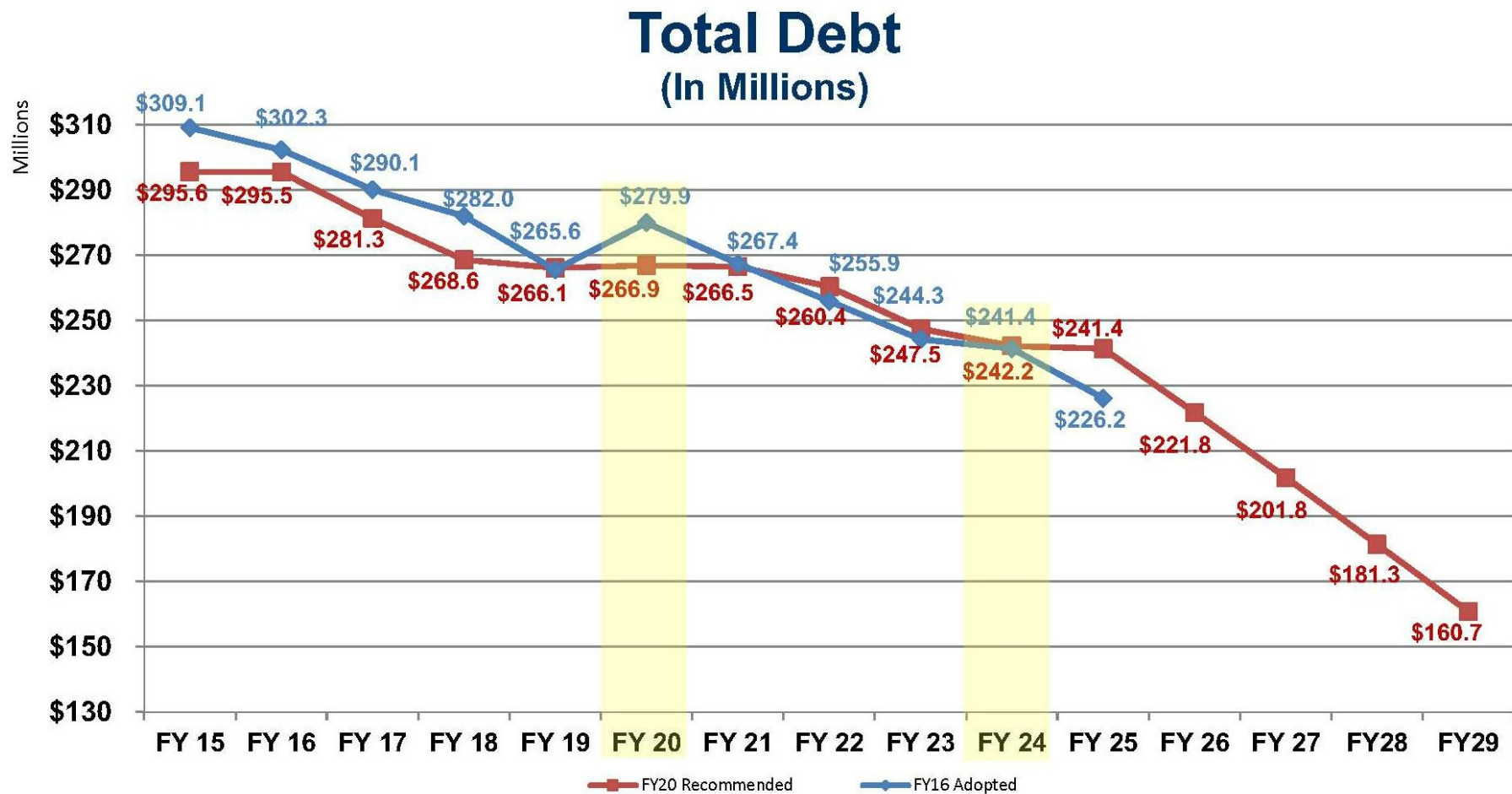
Statutory Debt and Total Debt

In August 2015, the Mayor and City Council adopted a debt reduction strategy which targeted retiring more debt each year than was issued by the City. This recommendation achieves that target throughout the 5-year CIP. I am pleased to report the recommendation will substantially beat overall debt reduction targets over the next five-and ten-year periods. **You can see that the Mayor and City Council have significantly impacted the City's use of the statutory debt limit established by the State of Iowa.** In Fiscal Year 2015, the City of Dubuque used 90% of the statutory debt limit. In this budget recommendation, the Mayor and City Council are currently reviewing for Fiscal Year 2020, the use of the statutory debt limit would be 51%, and by the end of the recommended 5-Year Capital Improvement Program (CIP) budget in Fiscal Year 2024, the City of Dubuque would be at 43% of the statutory debt limit. Projections out 10 years to Fiscal Year 2029 show the City of Dubuque at 28% of the statutory debt limit. This is an improvement on the debt reduction plan adopted in August 2015, that first began implementation in Fiscal Year 2016.

Statutory Debt Limit Used (as of June 30th)



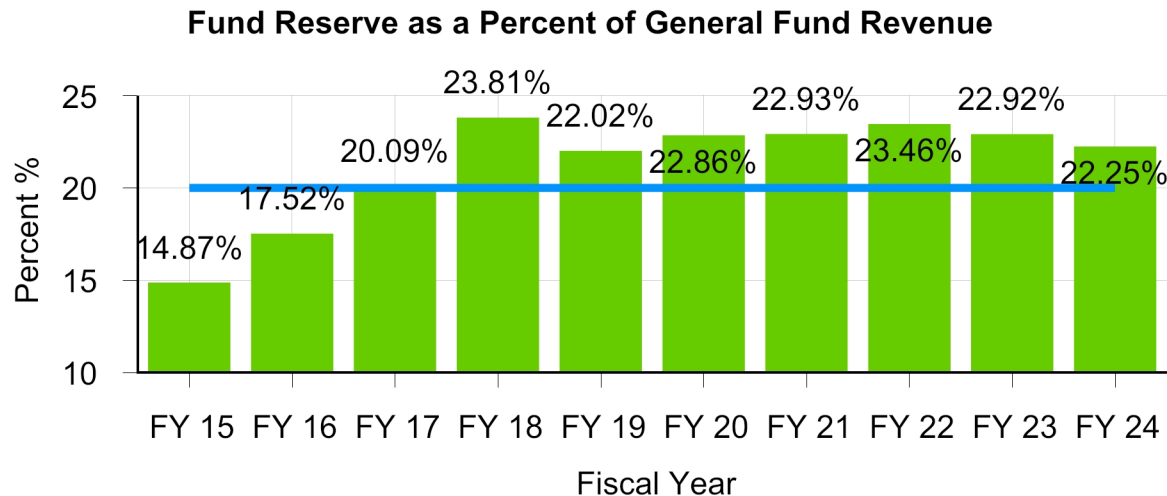
By the end of the recommended 5-Year Capital Improvement Program (CIP) budget the total amount of debt for the City of Dubuque would be \$242.2 million (43% of the statutory debt limit) and the projection is to be at \$161 million (28% of statutory debt limit) within 10 years.



General Fund Reserves

The City maintains a general fund reserve, or working balance, to allow for unforeseen expenses that may occur. Moody's Investor Service recommends a 20% General Fund Operating Reserve for "AA" rated cities. In May 2015, Moody's Investors Service downgraded Dubuque's general obligation bond rating from Aa2 to Aa3, but removed the negative future outlook. This followed two bond rating upgrades in 2003 and 2010, and one bond rating downgrade in 2014. In announcing the bond rating downgrade, Moody's noted the City's general fund balance/reserve declined.

Fiscal Year	Fund Reserve (As percent of General Fund revenues)	Reason for change from previous Fiscal Year
FY 2015	14.87%	Unchanged
FY 2016	17.52%	Increase due to capital projects not expended before the end of the FY and increase in general fund revenue
FY 2017	20.09%	Increase due to capital projects not expended before the end of the FY and additional contributions to general fund reserve
FY 2018	23.81%	Increase due to capital projects not expended before the end of the FY and additional contributions to general fund reserve
FY 2019	22.02%	Decrease due to planned capital expenditures
FY 2020	22.86%	Increase due to additional contribution



The City of Dubuque has historically adopted a general fund reserve policy as part of the Fiscal and Budget Policy Guidelines which is adopted each year as part of the budget process. During Fiscal Year 2013, the City adopted a formal Fund Reserve Policy which states the City may continue to add to the General Fund minimum balance of 10% when additional funds are available until 20% of Net General Fund Operating Cost is reached.

After all planned expenditures plus an additional \$1,700,000 added to the fund balance in FY 2019, the City of Dubuque will have a general fund reserve of 19.76 percent of general fund expenses as computed by the methodology adopted in the City's general fund reserve policy or 22.02 percent of general fund revenues as computed by the methodology used by Moody's Investors Service. The general fund reserve cash balance is projected to be \$11,384,325 on June 30, 2019.

The intent is to increase the General Fund working balance or operating reserve by \$1,000,000 in Fiscal Year 2020. In subsequent years, the City will add to the operating reserve until 20% is maintained consistently. **In Fiscal Year 2017, the City had projected reaching this consistent and sustainable 20% reserve level in Fiscal Year 2022. This 20% level was actually reached in Fiscal Year 2017, five years ahead of schedule.**

The reserve will increase by \$2,800,000 (20.3%) from Fiscal Year 2019 - Fiscal Year 2024.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
Contribution	\$1,050,000	\$1,700,000	\$1,000,000	\$100,000	\$100,000	\$100,000	\$100,000
City's Spendable General Fund Cash Reserve Fund Balance	\$16,460,491	\$15,485,326	\$16,185,326	\$16,285,326	\$16,385,326	\$16,485,326	\$16,585,326
% of Projected Revenue (Moody's)	23.81%	22.02%	22.86%	22.93%	23.46%	22.92%	22.25%

In October 2016, Moody's Investors Service upgraded the rating on \$18 million in City of Dubuque bonds issued to support the Bee Branch Watershed Flood Mitigation Project from A3 to A2.

State Revolving Fund Sponsorship Projects and Green Project Loans

The City uses State Revolving Fund (SRF) loans for water and sanitary sewer projects whenever possible because of the **very low annual interest rate of 1.75% with an annual servicing fee of 0.25%**.

In 2009, legislation was passed in Iowa that allows water utilities that issue debt through the Clean Water State Revolving Fund Program to sponsor and help finance other water quality improvement (CWSRF) projects within or outside its service limits. This new funding mechanism, called Water Resource Restoration Sponsored Projects, will provide cities, counties, local watershed organizations, watershed management authorities, county conservation boards, and soil and water conservation districts a funding source to construct improvements throughout a watershed that keep sediment, nutrients, chemicals and other pollutants out of streams and lakes.

Repayment of a standard Clean Water SRF (CWSRF) loan includes the repayment of the original loan amount, the principal, and the cost to finance the loan, interest, and fees. On a CWSRF loan with a sponsored project, the financing costs are reduced by the amount of the cost of the sponsored project improvements. Figure 1 shows a comparison between a standard CWSRF loan and a CWSRF loan with a sponsorship project. As shown, the total cost to the utility (the total of loan repayments) remains unchanged as the cost of funding for the sponsorship project is offset by a reduction in loan financing costs. In essence, two water quality projects are completed for the price of one.

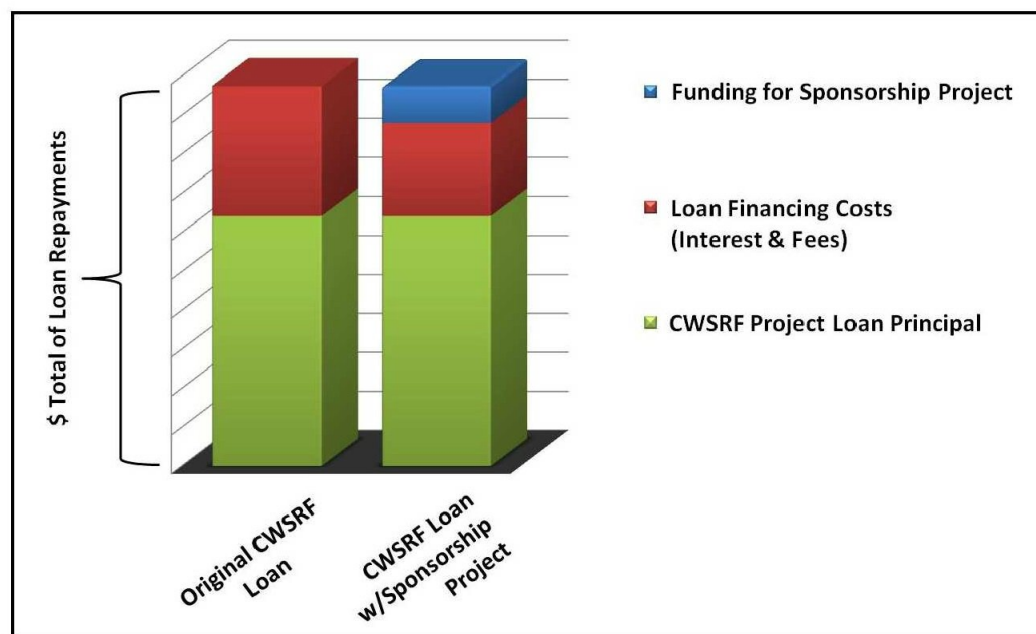


Figure 1. Loan repayment comparison between a standard CWSRF loan and a CWSRF loan with a sponsorship project.

After three years of the State of Iowa being unsuccessful in completing one of these modified loans, the City of Dubuque had the first successful application for the state when, in April 2013, the City was awarded \$9.4 million of the interest paid on the Water and Resource Recovery Center to be used to reconstruct over 70 Green Alleys in the Bee Branch Watershed. The principal for the Water & Resource Recovery Center Upgrade was increased from \$64,885,000 to \$75,145,579 and the interest rate plus annual servicing fee was decreased from 3.25% to 2.00% to add the Green Alley sponsorship project. This reduction allowed for increased proceeds **and resulted in a true interest cost of 1.96% and gross borrowing savings of \$11.4 million.**

The Federal Fiscal Years 2010, 2011, and 2012 State Revolving Fund capitalization grants included requirements for certain percentages of the funds to be allocated for green projects. Each green infrastructure project receives a portion of loan forgiveness not to exceed 30%. In June 2015, the City of Dubuque Upper Bee Branch Creek Restoration Project (Upper Bee Branch Project) qualified for a Green Project Loan from the CWSRF Program in the amount of \$29,541,000. The loan includes a principal forgiveness provision. The amount of the loan to be forgiven is 20% of the total loan disbursements made under the loan agreement. **The amount of the loan to be forgiven when the project is completed is estimated to be \$5,908,200. The actual true interest cost for total funds received was not the 2.00% borrowing rate (1.75% interest and 0.25% administrative fee), but just 0.07% after reflecting the receipt of interest free funds (forgiven portion).**

Then, in August 2017, the City was awarded \$1.4 million in funding for improvements with the Catfish Creek Watershed through the State of Iowa Water Resource Restoration Sponsored Project program as part of the City State Revolving Fund loan for the Upper Bee Branch Creek Restoration Project. The funding for the \$1.4 million in improvements will come from the interest payments on the City's Upper Bee Branch SRF loan. The Upper Bee Branch Creek SRF loan principal was increased to \$30,941,000 and **the interest rate plus the annual servicing fee was reduced from 2.00% to 1.43%. On a gross basis, the borrowing costs for the new loan were \$1.38 million less than the original loan.**

The five-year CIP adopted through the current year (Fiscal Year 2019) budget process covered Fiscal Year 2019 through 2023 and is \$167,000,015. The recommended five-year CIP for the upcoming budget process (Fiscal Year 2020) will cover Fiscal Year 2020 through 2024 and would be \$192,780,230 if adopted as recommended. This is a \$25,780,215 (15.44%) increase.

FY 2019-2023 Capital Improvement Program (CIP) compared to the FY 2020-2024 Capital Improvement Program is as follows:

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total
FY19 CIP	\$43,584,986	\$48,027,072	\$23,976,270	\$24,923,765	\$26,487,922	—	\$167,000,015
FY20 CIP	—	\$57,186,070	\$39,483,922	\$32,577,776	\$25,890,261	\$37,642,201	\$192,780,230
\$ Difference	—	+\$9,158,998	+\$15,507,652	+\$7,654,011	-\$597,661	—	\$25,780,215
% Change	—	+19.07%	+64.68%	+30.71%	-2.26%	—	15.44%

Further information about the changes to capital improvement projects can be found on pages xv-xxi.

Fiscal Year 2020 will be the thirteenth fiscal year that the Stormwater Fund is recommended to be fully funded by stormwater user fees. The General Fund will continue to provide funding for the stormwater fee subsidies that provide a 50% subsidy for the stormwater fee charged to property tax exempt properties, low-to-moderate income residents, and a 75% subsidy for the stormwater fee charged to residential farms. The FY 2020 Stormwater User Fee is proposed to increase from \$7.76 per SFU to \$8.29 per SFU, a 6.83% increase, consistent with Ordinance 16-14 passed on March 5, 2014.

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Adopted Per Ordinance 21-12	\$8.50	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00
Adopted Per Ordinance 16-14	\$6.38	\$6.81	\$7.27	\$7.76	\$8.29	\$8.85	\$9.00
% Decrease From Ordinance 21-12	-24.94%	-24.33%	-19.22%	-13.78%	-7.89%	-1.69%	0%

* The recommended rates for FY16 through FY20 reflect the rates previously established by Ordinance 16-14 following the State's approval of \$98.5 million in State Flood Mitigation state sales tax increment funds for the Bee Branch Watershed Flood Mitigation Project. Ordinance 21-12 was the ordinance adopted prior to the City receiving the Flood Mitigation grant.

The Stormwater Utility was formed on July 1, 2003, to update the City's aging infrastructure and implement the City of Dubuque Stormwater Management Plan, which consists of the Bee Branch Watershed Flood Mitigation Project. It is a multi-phased, fiscally responsible investment. It reflects a holistic approach to mitigate flooding as it will also improve water quality, stimulate investment, and enhance the quality of life. Having

secured the necessary federal and state funding approvals, permits, and funding, Dubuque has pushed forward with planning, execution, and completion of three phases and the initiation of three more.

The phases of the Bee Branch Watershed Flood Mitigation Project are as follows:

Phase	Description	Status
1	Carter Road Detention Basin	Complete
2	West 32 nd Street Detention Basin	Complete
3	Historic Millwork District	Complete
4	Lower Bee Branch Creek Restoration	Under Design/Under Construction
5	Flood Mitigation Gate Replacement	Under Design
6	Impervious Surface Reduction	Under Design/Under Construction
7	Upper Bee Branch Creek Restoration/Railroad Culverts	Under Design/Under Construction
8	22 nd Street Storm Sewer Improvements	Under Design
9	Flood Mitigation Maintenance Facility	Under Design/Site Clearing
10	North End Storm Sewer Improvements	Initiate Design in 2021
11	Water Plant Flood Protection	Initiate Design in 2022
12	17 th Street Storm Sewer Improvements	Under Design/Under Construction

In FY 2017, additional projects were added through the budget amendment process as the City learned late in the process of the award of a \$31.5 million HUD Resiliency grant for the Bee Branch Watershed.

Individually, the 12 phases of the project may provide some benefit. But flash flooding can be expected to occur until all of the improvements are implemented. But it is also true that with the completion of each subsequent phase, the threat of flash flood damage is lessened and the resulting damage will be mitigated.

Because of the public support for the Bee Branch Watershed Flood Mitigation Project, the stated commitment of the City of Dubuque City Council to implement the various phases of the project, and because the City has already started implementing some of the improvements, private investment in the Bee Branch Watershed has already eclipsed \$139 million since 2008 with an additional \$215 million expected to follow in the next ten years for a combined total of \$354 million in private investment. This non-public investment by private developers includes an estimated \$258 million for the rehabilitation of Caradco, Novelty Ironworks, Betty Building, Voices Building, Power Plant, Foundry, Farley Loetscher, Kirby Building and Wilmac Building all located in the Historic Millwork District; \$15.1 million of non-public investment in the Washington Neighborhood related to Community Housing Initiatives Acquisition & Redevelopment, St. Mary's Campus, Corner Grill, Rusk Building, Conlin Building, Welu Building, Richards Building, High Building, Streinz Building, Widmeier Building and Engine House; and \$2.3 million in non-public investment in the Downtown Neighborhood related to the Babler Building, 324-326 West Locust Street, 346-348 West Locust Street and 407-409 Loras Boulevard.

The CIP budget reflects the **Dubuque Five-Year (2020-2024) City Council Goals** and **2018-2020 Policy Agenda**, established by the City Council August, 2018.

Dubuque Five-Year City Council Goals

Robust Local Economy: Diverse Businesses and Jobs with Economic Prosperity
Vibrant Community: Healthy and Safe
Livable Neighborhoods and Housing: Great Place to Live
Financially Responsible, High Performance City Organization: Sustainable, Equitable and Effective Service Delivery
Sustainable Environment: Preserving and Enhancing Natural Resources
Partnership for a Better Dubuque: Building our Community that is Viable, Livable and Equitable
Diverse Arts, Culture, Parks and Recreation Experiences and Activities
Connected Community: Equitable Transportation, Technology, Infrastructure and Mobility

Policy Agenda 2018 - 2020

Top Priority (in alphabetical order)

- Affordable Childcare Study and Funding
- Five Flags Center: Direction and Funding
- Inclusive Dubuque Support
- Major Streets Improvement: Plan, Direction, and Funding
- Poverty Reduction: Action Plan
- River Cruise Docking Facilities: Direction
- Winter Farmers Market: Location and Funding Support

High Priority

- Bee Branch Floodwall Gates Funding
- Central Avenue Corridor: Economic Revitalization
- Crime Prevention Program: Maintenance
- Debt-Reduction Plan: Continuation
- Mental/Brain Health Strategy and Action Plan
- New Financial Software: Funding
- Pet-Friendly Community: Policy Direction and Actions
- Street Maintenance Program: Funding Level

Attachment 3 provides a summary of these projects organized by City Council's five-year goals and Fiscal Year 2020 priorities reflect how these goals are addressed.

Finally, **Attachment 4** provides detail on the source of funds and highlights important points about the 5-year CIP Program.

CIP FORMAT

The format for the Fiscal Year 2020-2024 CIP is substantially the same as previous fiscal years. First, an index referencing the 2020-2024 Capital Improvement Budget follows the budget message. The index identifies each capital improvement first by city department and then by all applicable State programs as a subcategory under each department. The index serves as a quick reference for each CIP, and the far right hand column shows the page number of each project. Secondly, a separate project page is provided to show the detail for each individual project. These projects pages are also arranged first by city department and then by State program as a subcategory within each department.

As in previous CIP budget documents, each detailed project page identifies the city department, the state program, project title, account code (consisting of program number, department number, fund and capital project number), and total project cost. The project page then shows any funds expended for the project in Fiscal Year 2018 and the amended budget in Fiscal Year 2019. In Section A of the project form entitled "Expenditure Items", project costs are shown by major expenditure item (i.e., Design and Engineering, Land and Right-of-Way Purchase, Construction and Other Expense). In Section B, entitled "Project Financing", the project funding is presented by major revenue source (i.e., General Fund, Sales Tax Fund, Water Depreciation Fund, Sanitary Sewer Construction Fund, and Road Use Tax Fund). In Section C, entitled "Impact – Operations," the dollar impact on operations in terms of greater or lesser operating costs and/or greater or lesser revenue is provided when available. Lastly, there is a narrative section, which provides a description of the project, a justification for the project and, where appropriate, how it relates to other projects or plans. A small map may also be provided to further identify the location of the project.

Each detailed project page identifies the budget for each fiscal year in the next five years. There is a sixth column labeled "2025". This column is included to show that the project does not end in the next five years and that additional budget will be needed to fully complete the project. The "2025" column will show the total remaining estimate for the project, unless the project is annual. This column could also be known as "Beyond Fiscal Year 2024." If a project is annual the "2025" column will only show one years worth of budget.

New this fiscal year is a section in the detailed project pages called "First Year Submitted". This information represents the year the capital improvement project was first submitted for consideration. This is not the first year that the capital project was recommended for funding, but instead represents the first year a staff member identified a need for the project and created a CIP to present to the City Manager.

CONCLUSION

The Capital Improvement Program represents the City of Dubuque's commitment to a maintenance and physical development plan for the next five years. The first year of the five-year CIP goes into the budget for next year and deserves the most attention. As you know, the CIP is updated each year so that City Council will have an opportunity in the next year to change Fiscal Year 2021 through Fiscal Year 2024 projects, as well as to add projects for Fiscal Year 2025.

A ranking system was established in Fiscal Year 2019 to more readily identify capital projects that directly meet City Council Goals and Priorities and address City needs. This ranking process also included several collaborative meetings with staff to determine which projects should be recommended for funding with the limited resources available. There are many capital projects that have been added to meet City Council Goals and Priorities and address City needs (\$21,986,600). Those new projects that appear in the five-year CIP are as follows:

Department	New Project	Total CIP
Airport	Terminal Automated Vehicle Wash Facility	\$ 557,750
Airport	Terminal Entrance Sign Regrading & Additional Lighting	\$ 216,138
Airport	Aviation Fueling Facilities NFPA Update	\$ 54,050
Building	Downtown URD Non-Profit Accessibility Assistance Program	\$ 500,000
Building	City Hall Boiler	\$ 67,260
Building	City Hall Annex Windows	\$ 48,548
Building	Carriage House Roof Replacement	\$ 22,475
City Manager's Office	Non-Profit Weatherization Improvements Assistance	\$ 500,000
Economic Development	Downtown Rehabilitation Grant Program	\$ 448,356
Economic Development	Historic Millwork District Master Plan Update	\$ 50,000
Engineering	ABC Supply Building Deconstruction	\$ 417,000
Fire	Fire HQ HVAC Replacement	\$ 593,529
Five Flags	Five Flags Building Improvements	\$ 6,000,000
Finance	Finance Remodel	\$ 100,000
Information Services	Network Switch Replacements	\$ 236,450
Parking	East 12th & Elm Parking Lot Construction (Lot 1 Millwork Parking District)	\$ 589,000
Public Works	Wayfinding Signs Replacement Project	\$ 50,000
Public Works	Municipal Services Center Air Quality Detection System Replacement Project	\$ 32,000
Public Works	High Pressure Sewer Jet Cleaner	\$ 496,083
Public Works	Hard Surface Deep Cleaning Self-Propelled Unit	\$ 166,100

Department	New Project	Total CIP
Public Works	Ice Harbor Concrete Abutment Repair Project	\$ 190,000
Public Works	Ice Harbor Gate Fender Replacement Project	\$ 145,000
Sanitary Sewer	Sanitary Sewer CCTV Inspection, Cleaning, and Assessment	\$ 900,000
Stormwater	SW Arterial – US HWY 20 Interchange Storm Sewer Improvements	\$ 325,000
Stormwater	Landfill Access Frontage Road Storm Sewer	\$ 222,000
Street	Pavement Preservation Program	\$ 95,000
Street	JFK Road Resurfacing – John Wesley Dr. to Derby Grange Rd.	\$ 150,000
Street	Pennsylvania Avenue & Radford Road Roundabout	\$ 1,100,000
Street	Cedar Cross Road Restoration	\$ 3,300,000
Traffic	INET Fiber Replacement Build-Out	\$ 540,876
Traffic	Emergency Preemption Expansion and Upgrades	\$ 51,260
Traffic	Asbury Road Signalization Reconstruction	\$ 120,000
Traffic	Fiber Reel Trailer and Fiber Tools	\$ 15,000
Water	SCADA and Communications Infrastructure Improvement Project	\$ 830,000
Water	Water Line Extensions to New Developments	\$ 957,500
WRRRC	Final Clarifier Rehabilitation	\$ 539,325
WRRRC	Catfish Lift Station Spare Pump	\$ 55,000
WRRRC	Camera System Upgrade	\$ 45,900
WRRRC	Nitrogen Reduction	\$ 1,260,000
	TOTAL	\$ 21,986,600

The Capital Improvement requests that were previously funded in the five-year CIP that are not included in this five-year CIP total \$9,372,173. To put these back into the five-year CIP, other projects will need to be removed, property taxes would need to be raised and/or more debt would need to be issued. Of those removed, \$5,572,300 are identified as deferred maintenance items, delineated with an asterisks below. The removed CIPs are as follows:

Department	Existing Project Not Funded	Total CIP
Park	Develop Dog Park	\$ 105,000
Parks	Electric Locks - Restrooms	\$ 30,000
Parks	Forestry Building - Replace Roof	\$ 38,500 *
Parks	Resurface Tennis Courts	\$ 80,000 *
Parks	Install and/or Replace Park Name Signs	\$ 67,100
Parks	Park Drinking Fountains	\$ 55,000 *
Parks	Irrigation to Planters and Flower Beds	\$ 80,000
Parks	Highway 20 Replace Roses	\$ 403,000
Parks	Flora - Replace Tennis Court Lights	\$ 102,000 *
Parks	Miller Riverview Park - Quick Connects for Pedestals	\$ 40,000
Parks	Marshall Park - Replace Play Unit	\$ 150,000 *
Parks	Madison Park - Renovate Pavilion	\$ 44,000 *
Parks	Hilltop Park - Replace Play Unit	\$ 97,500 *
Civic Center	Metal Detectors and Wands	\$ 65,048
Recreation	New Operating System	\$ 60,000
Stormwater	Century Drive Storm Sewer Reconstruction	\$ 155,000 *
Stormwater	Seippel Rd Culvert Replacement (Street Program)	\$ 56,000 *
Stormwater	Bennett Street Storm Sewer (Street Program)	\$ 62,500 *
Stormwater	Sylvan Drive Storm Sewer (Street Program)	\$ 62,800 *
Stormwater	Bies Drive Storm Sewer (Street Program)	\$ 64,000 *
Stormwater	Bee Branch Green Alleys	\$ 1,500,000
Streets	Decorative Concrete Maintenance	\$ 35,000 *
Streets	Bies Drive Reconstruction	\$ 955,000 *
Streets	Bennett Street Reconstruction	\$ 880,000 *
Streets	Sylvan Drive Reconstruction	\$ 885,000 *
Streets	Seippel Rd Reconstruction	\$ 1,399,725
Streets	Century Drive Reconstruction	\$ 1,850,000 *
Planning	Kerper Boulevard Revitalization	\$ 50,000
Total \$		9,372,173
<i>Total Deferred Maintenance \$</i>		<i>5,572,300</i>

As is the case every year, there were new projects requested that were not able to be included in whole or in part in this five year CIP (\$17,016,384). Of those \$9,302,850 are identified as deferred maintenance, delineated with an asterisks below. CIP requests that were not funded include:

Department	New Project Not Funded	Total CIP
Fire	Fire Station 5 Driveway Replacement	\$15,500 *
Fire	Replace Flooring and Paint at Station 4	\$14,000 *
Parks	Industrial Center Native Plantings	\$20,000
Parks	Veteran's Park Disc Golf	\$25,000
Parks	Town Clock Lighting	\$10,000
Parks	Pebble Cove Park Development	\$20,000
Parks	Westbrook Park Development Phase II	\$20,000
Parks	North Fork Trail Park Development	\$20,000
Parks	Washington Community Gateway	\$15,000
Parks	Eagle Point Park - Restroom Renovation	\$40,000 *
Parks	Eagle Point Park - Clear Trees from Bluff	\$20,000 *
Parks	Eagle Point Park - Indian Room Restoration	\$12,000 *
Parks	Madison Park - Flag Pole	\$25,000
Parks	Replace Flag Poles in Major Parks	\$50,000 *
Parks	Ecological Restoration	\$20,000
Parks	Replace Trash Cans	\$40,000 *
Parks	Parks Fleet Automated Vehicle Location	\$38,000
Parks	Replace Interpretive Signs	\$16,000 *
Parks	Parks - Paint Light Poles	\$15,000 *
Parks	Maintenance HQ - Wash Bay	\$20,000
Parks	Paint Railings	\$20,000 *
Parks	Miller Riverview Park - Pave Roads & Campsites	\$100,000
Parks	Eagle Point Park - Accessible Walkway to Log Cabin Pavilion	\$356,000 *
Parks	Usha Park Development	\$115,000 *
Parks	Greenhouse - Remove Trees on Hillside	\$25,000 *
Parks	Eagle Point Park - Light Trolley Line Trail	\$92,000
Parks	Eagle Point Park - Develop Wading Pool Replacement Plans	\$40,000

Department	New Project Not Funded	Total CIP
Parks	Roosevelt Park Redevelopment	\$35,000
Parks	Welcome Sign North	\$60,000
Parks	Welcome Sign East	\$60,000
Parks	Maintenance HQ - Storage Area	\$85,000
Parks	Valentine Park Pavilion Installation	\$5,000
Parks	Eagle Point Park - Building & Structure Assessment	\$50,000
Parks	Ham House Exterior & Landscape Improvements	\$136,305
Civic Center	Wireless Internet	\$116,000
Civic Center	LED Lighting Retrofits	\$130,700 *
Civic Center	Floor Scrubber Replacement	\$10,200 *
Civic Center	Table Relacement	\$50,000 *
Civic Center	Portable Chairs Replacement	\$71,400 *
Civic Center	Replace Water Fountain	\$14,000 *
Civic Center	POS System	\$100,000
Civic Center	Popcorn Popper	\$11,000 *
Civic Center	Concession - Gate A and C Remodel	\$10,200
Civic Center	Bijou Room and Hall - Tile Replacement	\$10,200 *
Civic Center	Arena - Locker/Shower Facilities	\$15,150
Civic Center	Arena - Replace Stage Dimmer Lights	\$40,000 *
Civic Center	Arena - Reseal Ballroom Floor	\$25,000 *
Civic Center	Arena - Dressing Rooms Remodel	\$31,500
Civic Center	Arena - Paint Exterior Steel Siding	\$97,000 *
Civic Center	Arena - Concert Lighting	\$168,000 *
Civic Center	Arena - Pipe, Drape, and Barricades	\$33,500 *
Civic Center	Arena & Theater - Followspot Replacements	\$84,000 *
Civic Center	Arena & Theater - Lighting Consoles	\$38,500 *
Civic Center	Theater - Replace Sound System	\$150,000 *
Civic Center	Theater - Window Wood Repairs	\$40,000 *
Civic Center	Theater - Counter Weight & Grid System Upgrade	\$91,000
Civic Center	Theater - Orchestra Pit Lift	\$247,000
Civic Center	Theater - Stage Floor Refurbished	\$61,200 *

Department	New Project Not Funded	Total CIP
Civic Center	Theater - Renovate Dressing Rooms Remodel	\$51,950
Civic Center	Theater - Chairs and Carpet	\$240,000 *
Civic Center	Promenade - Carpet & Tile Replacement	\$93,000 *
Recreation	POD Dock Maintenance	\$50,000 *
Recreation	Quality of Life Needs Assessment	\$100,000
Recreation	Bunker Hill Golf Course - Range Project	\$320,000
Recreation	Bunker Hill Administrative Offices 2nd Floor Remodel	\$27,200
Recreation	Bunker Hill Golf Course - Material Storage Renovation	\$15,000
Recreation	Port of Dubuque Welcome Sign	\$30,000
Recreation	Veterans Memorial Park Access Drive and Parking	\$70,000
Conference Center	Management & Operations Assessment	\$30,000
Conference Center	Furniture Upholstery	\$28,050 *
Conference Center	Trash Compactor Rehab	\$29,000 *
Conference Center	Paint Bridge	\$35,000 *
Conference Center	Replace Clouds	\$79,000 *
Conference Center	Replace/Rehab Room Doors	\$57,600 *
Library	Library Landscaping	\$56,584
Library	Removal of Underground Oil Tank	\$33,609
Airport	Demolition of North Farm House Facility	\$40,000
Airport	Replace DJC Hangar Floor Coating	\$41,000 *
Airport	Paint Hangar Exteriors	\$20,000 *
Public Works	MSC Security System Replacement	\$14,000
Public Works	Snow Melting System Design	\$180,000
Stormwater	14th Street Storm Sewer Reconstruction (Street Program)	\$25,000 *
Street	Rockdale Road Reconstruction - Maquoketa Dr to South Pointe Development	\$1,145,000 *
Street	Roosevelt Street Improvements	\$5,172,000 *
Street	Chavenelle to SW Arterial Trail	\$1,248,000
Street	N. Grandview Avenue Pavement Rehabilitation - Loras Blvd. to Dexter Street	\$365,000 *
Street	Seippel Road Trail	\$800,000
Street	Catfish Creek Trail - Planning & Design	\$225,000

Department	New Project Not Funded	Total CIP
Street	Phase 1 - Catfish Creek Biking and Hiking Trail	\$1,020,000
Street	Granger Creek/Tech Park Trail	\$350,000
Street	Green Alleys - Non Bee Branch	\$840,000
Street	Historic Brick Street Maintenance	\$150,000 *
Street	Hillcrest Road Sidewalks	\$142,500
Street	Bluff Street Parking Expansion	\$175,000
Engineering - Miscellaneous	Railroad Quiet Zone Study	\$38,500
Engineering - Miscellaneous	Speed Shields	\$230,000
Building Services	Integrated Access Control and Security System	\$62,326
Planning	Historic District Entry Signs	\$11,710
Information Services	Telephone Switch Upgrade	\$40,000
Information Services	Third Street Data Center	\$35,000
	Secure Vendor Access Management	\$20,000
Total		\$17,016,384
<i>Total Deferred Maintenance</i>		<i>\$9,302,850</i>

The CIP budget is the product of the hard work of a large number of people. It begins with department and division managers and their staff who prepared, ranked and updated the CIP requests. It extends to Boards and Commissions who review staff's recommendations and make modifications and establish priorities.

I wish to express my thanks to all who were involved in preparing the Fiscal Year 2020-2024 version of the City's Capital Improvement Program. Special thanks go to Budget Director Jennifer Larson, Senior Budget Analyst Rachel Kilburg, Office Manager Juanita Hilkin, Secretary Stephanie Valentine and Communications Assistant Natalie Riniker. I am proud of the work completed by City staff and the end-result. I hope after you have had an opportunity to review this document that you feel it is responsive to your priorities.

ATTACHMENTS – PROVIDE OVERVIEW OF THE FISCAL YEAR 2020-2024 CAPITAL IMPROVEMENT PROGRAM

Attachment 1

FISCAL YEARS 2020-2024 CIP SOURCE OF FUNDS

To finance the CIP projects, a variety of funding sources are used. The following table shows the source of funds for each year of the 5 year CIP.

SOURCE OF FUNDS IN CAPITAL BUDGET	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PERCENT
Current Revenue							
Rental Dwelling Rehab Loan Repayments	30,000	30,000	30,000	30,000	30,000	150,000	0.08%
Homeownership Loan Repayments	—	2,000	3,000	6,000	10,200	21,200	0.01%
Historic Preservation Loan Repayments	9,270	9,270	9,270	9,270	9,270	46,350	0.02%
Washington Neighborhood Loan Repayments	20,000	20,000	20,000	20,000	20,000	100,000	0.05%
Downtown Loan Pool Revolving Fund-Repayments	184,000	—	—	—	—	184,000	0.10%
Insurance and Other Reimbursements	45,000	25,000	25,000	25,000	25,000	145,000	0.08%
County Reimbursement	6,612	119,583	—	—	—	126,195	0.07%
Golf Revenue	20,000	—	20,000	—	—	40,000	0.02%
Subtotal Current Revenue	314,882	205,853	107,270	90,270	94,470	812,745	0.42%
Cable TV	3,070	3,070	—	—	3,070	9,210	0.00%
Internal Service Funds-City Garage	5,950	8,680	2,200	12,550	5,000	34,380	0.02%
Landfill Fund	11,590	2,550	36,600	13,700	7,000	71,440	0.04%
Transit Fund	16,478	4,580	—	2,375	14,103	37,536	0.02%
Parking Enterprise Fund	436,332	239,570	84,901	4,675	17,747	783,225	0.41%
Solid Waste Collection	495,778	685,126	608,628	621,084	632,148	3,042,764	1.58%
Sanitary Sewer Utility	344,601	421,057	597,616	778,724	2,493,607	4,635,605	2.40%
Stormwater Utility Fees	2,273,529	2,059,486	806,310	703,218	460,352	6,302,895	3.27%
Water Utility Fund	2,921,403	1,804,924	1,127,870	1,513,962	1,367,564	8,735,723	4.53%
Current Revenue-Utility/Enterprise	6,508,731	5,229,043	3,264,125	3,650,288	5,000,591	23,652,778	12.27%
Fund Balance	1,017,123	—	—	—	—	1,017,123	0.53%
Airport Customer Facility Charge	72,750	485,000	—	—	—	557,750	0.29%
Sales Tax 20%	913,101	530,554	487,848	439,515	199,065	2,570,083	1.33%
Sales Tax 30%	2,823,323	2,449,361	2,459,168	2,110,472	2,953,924	12,796,248	6.64%
SRF Bonds-Sewer Fund Abated	865,000	3,897,190	6,524,155	3,855,976	1,545,605	16,687,926	8.66%
SRF Bonds-Stormwater Abated	9,000,000	1,820,958	—	—	—	10,820,958	5.61%
GO Bonds-Sales Tax 20%	1,130,487	1,351,984	2,839,356	1,331,000	3,536,600	10,189,427	5.29%
GO Bonds - DICW	—	5,316,995	—	—	0	5,316,995	2.76%

SOURCE OF FUNDS IN CAPITAL BUDGET	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PERCENT
GO Bonds-GDTIF	841,000	3,211,500	—	—	8,695,000	12,747,500	6.61%
Total Construction	16,662,784	19,063,542	12,310,527	7,736,963	16,930,194	72,704,010	37.71%
Community Development Funds	543,130	581,766	594,132	532,400	522,600	2,774,028	1.44%
FAA Total	6,411,537	360,180	4,275,000	4,725,000	2,297,945	18,069,662	9.37%
Federal HUD Resiliency Grant	10,846,055	6,482,142	—	—	—	17,328,197	8.99%
Federal Lead Paint Hazard Mitigation Grant	542,500	785,000	785,000	—	—	2,112,500	1.10%
Federal Transit Administration	1,939,672	—	—	—	—	1,939,672	1.01%
Federal Assistant	175,000	—	175,000	—	—	350,000	0.18%
Federal--STP Funds	4,000,000	872,200	4,100,000	1,100,000	3,199,725	13,271,925	6.88%
Total Federal	24,457,894	9,081,288	9,929,132	6,357,400	6,020,270	55,845,984	28.97%
Iowa Finance Authority	141,283	141,283	141,283	141,283	141,283	706,415	0.37%
Road Use Tax	431,346	131,751	—	770,000	823,051	2,156,148	1.12%
State Flood Mitigation Grant	3,523,143	—	—	—	220,000	3,743,143	1.94%
State Transit	327,579	30,936	—	—	18,189	376,704	0.20%
Other State Funding- IDOT & Trails Grants	422,000	—	477,000	—	244,000	1,143,000	0.59%
Total State	4,845,351	303,970	618,283	911,283	1,446,523	8,125,410	4.21%
DRA-Gaming Receipts	250,429	249,027	301,821	449,900	404,578	1,655,755	0.86%
DRA-Distribution of Surplus	1,102,470	1,759,138	2,154,548	2,917,620	2,666,387	10,600,163	5.50%
Total DRA	1,352,899	2,008,165	2,456,369	3,367,520	3,070,965	12,255,918	6.36%
Greater Downtown TIF Payments	1,059,000	894,876	1,940,775	1,611,732	2,460,000	7,966,383	4.13%
English Ridge Housing TIF Payments	328,467	172,836	200,006	229,133	250,414	1,180,856	0.61%
Rustic Point Housing TIF Payments	4,813	5,054	16,495	25,238	47,194	98,794	0.01%
South Pointe Housing TIF	23,765	96,910	191,229	266,317	377,230	955,451	0.01%
Dubuque Industrial West TIF Payments	—	—	—	410,465	—	410,465	0.21%
North Cascade Housing TIF Payments	1,109,784	1,058,685	502,865	559,252	619,626	3,850,212	2.00%
Total TIF Funds	2,525,829	2,228,361	2,851,370	3,102,137	3,754,464	14,462,161	7.50%
Private Participation	77,700	547,700	497,700	70,200	70,200	1,263,500	0.66%
Total Private	77,700	547,700	497,700	70,200	70,200	1,263,500	0.66%
Homeownership Sale Proceeds	100,000	156,000	203,000	264,200	360,000	1,083,200	0.56%
Ind. Parks Land Sales- Dubuque Industrial Center West	310,000	310,000	310,000	310,000	310,000	1,550,000	0.80%
Total Land Sales	410,000	466,000	513,000	574,200	670,000	2,633,200	1.37%
Special Assessments	30,000	350,000	30,000	30,000	584,524	1,024,524	0.53%
Total Spec. Assessment	30,000	350,000	30,000	30,000	584,524	1,024,524	0.53%
GRAND TOTAL	57,186,070	39,483,922	32,577,776	25,890,261	37,642,201	192,780,230	100.0%

FISCAL YEAR 2020 - 2024 CIP BUDGET GROUPED BY STATE PROGRAMS

The Fiscal Year 2020-2024 Capital Improvement Program totals \$192,780,230. The following table summarizes expenditures for each State program by year.

FISCAL YEAR 2020-2024 CIP CAPITAL IMPROVEMENT PROGRAM

<u>PROGRAM</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>5 YEAR TOTAL</u>	<u>PERCENT OF TOTAL</u>
Public Safety	545,000	762,934	2,146,165	1,219,261	3,955,006	8,628,366	4.5%
Public Works	16,170,249	10,768,996	13,452,227	10,125,936	10,961,729	61,479,137	31.9%
Culture & Recreation	1,084,531	940,618	704,782	1,529,000	7,926,112	12,185,043	6.3%
Community & Econ. Devl.	5,851,891	6,925,099	3,614,480	3,046,158	3,660,217	23,097,845	12.0%
General Government	1,857,997	1,788,163	2,265,444	2,052,997	1,101,461	9,066,062	4.7%
Business Type	31,676,402	18,298,112	10,394,678	7,916,909	10,037,676	78,323,777	40.6%
TOTAL	57,186,070	39,483,922	32,577,776	25,890,261	37,642,201	192,780,230	100.0%

The State Mandated Budget Program Areas and the City Departments/Activities that fall under each of these areas are as follows:

Public Safety – Includes Police, Emergency Communication Center, Fire, Disaster Services, Health Services: Animal Control, Public Works: Flood Control, Building Services: Inspection

Public Works – Includes Airport, Public Works, Engineering

Health and Social Services – Human Rights, Health Services, Purchase of Services

Culture and Recreation – Parks, Civic Center, Conference Center, Recreation, Library, City Manager: Cultural Affairs

Community and Economic Development - Economic Development, Housing and Community Development, Planning Services, Purchase of Services, City Manager: Neighborhood Development

General Government – Building Services: City Hall/Annex Maintenance/Grand River Center Maintenance, City Council, City Manager, City Clerk, Finance, Cable TV, Legal, Information Services

Business Type – Water, Water Pollution Control, Parking Division, Transit, Public Works: Landfill, Engineering: Sewer, Stormwater, Finance: Meter Reads/Service

FISCAL YEAR 2020-2024 CIP BUDGET HIGHLIGHTS BY CITY COUNCIL GOALS & PRIORITIES**2024 CITY COUNCIL GOALS & CORRESPONDING PRIORITIES:****ROBUST LOCAL ECONOMY: DIVERSE BUSINESSES & JOBS WITH ECONOMIC PROSPERITY**

Priority: Affordable Childcare Study and Funding

Priority classification: Top Priority

CIP projects supporting this Priority: This priority is supported through the FY19 Operating Budget in the Economic Development Department.

Priority: River Cruise Docking Facilities: Direction

Priority classification: Top Priority

CIP projects supporting this Priority: Riverfront Dock Expansion (p. 228)

Priority: Central Ave Corridor Revitalization: Economic Revitalization

Priority classification: High Priority

CIP projects supporting this Priority: 2-Way Conversion, Central & White (p 205), Central Ave Corridor Initiative (p 272), Central Ave Streetscape Master Plan Implementation (p 273), and Downtown Rehabilitation Loan Program (p 268). This priority is also supported through the FY19 and Proposed FY20 Operating Budget in Economic Development and Engineering Departments.

VIBRANT COMMUNITY: HEALTHY & SAFE

Priority: Crime Prevention Program

Priority classification: High Priority

CIP projects supporting this Priority: All Parks - Cameras/Code Blue Phones (p 32), All Parks - Replace Security Lights (p 30), Streetlight Replacement & New Installation (p 235), Street Camera Installation (p 242), and various Housing C.H.A.N.G.E. Capital Improvement Projects (p 289-305). This priority is also supported through the FY19 and Proposed FY20 in Police, Leisure Services, Engineering, and Housing Departments.

LIVABLE NEIGHBORHOODS & HOUSING: GREAT PLACE TO LIVE

Priority: Poverty Reduction Plan

Priority classification: Top Priority

CIP projects supporting this Priority: This priority is supported through the FY20 proposed Operating Budget in the Planning Department.

FINANCIALLY RESPONSIBLE, HIGH-PERFORMANCE CITY ORGANIZATION: SUSTAINABLE, EQUITABLE, AND EFFECTIVE SERVICE DELIVERY

Priority: New Financial Software: Funding

Priority classification: High Priority

CIP projects supporting this Priority: General Ledger Software (p 311).

SUSTAINABLE ENVIRONMENT: PRESERVING & ENHANCING NATURAL RESOURCES

Priority: Bee Branch Floodwall Gates Funding

Priority classification: High Priority

CIP projects supporting this Priority: Bee Branch Flood Control Maintenance Facility (p 183). This priority is also supported through the FY19 and Proposed FY20 Operating Budget in the Engineering and Public Works Departments.

PARTNERSHIP FOR A BETTER DUBUQUE: BUILDING OUR COMMUNITY THAT IS VIABLE, LIVABLE & EQUITABLE

Priority: Inclusive Dubuque: Continue Support and Participation

Priority classification: Top Priority

CIP projects supporting this Priority: Accessibility Building Modifications (p 39), ADA Curb Ramp Construction (p 217), Downtown URD Non-Profit ADA Assistance (p 259), Downtown ADA Assistance (p 260), ADA Compliance Consultant (p 264). This priority is also supported through the FY19 and Proposed FY20 Operating Budget in the Human Rights, Leisure Services, and Housing & Community Development Departments.

Priority: Pet-Friendly Community: Policy Direction and Actions

Priority classification: High Priority

CIP projects supporting this Priority: This priority was previously funded and is supported through the FY19 Operating Budget in Leisure Services.

DIVERSE ARTS, CULTURE, PARKS AND RECREATION EXPERIENCES & ACTIVITIES

Priority: Five Flags Center: Direction and Funding

Priority classification: Top Priority

CIP projects supporting this Priority: Elevator Upgrades (p 37), Exterior Brick Wall Replacement (p 38), Accessibility Building Modifications (p 39), Arena Stage Deck Replacement (p 46), and Arena Concert Sound Equipment (p 44). Five Flags Building Improvements (p 47) to repair the existing facility if the City council chooses not to do a referendum or the referendum is held and fails. This priority is also supported through the FY19 and proposed FY20 Operating Budget in Engineering Department.

CONNECTED COMMUNITY: EQUITABLE TRANSPORTATION, TECHNOLOGY, INFRASTRUCTURE & MOBILITY

Priority: Major Streets Improvement: Plan, Direction, and Funding

Priority classification: Top Priority

CIP projects supporting this Priority: East - West Corridor Capacity Improvements (p 197), Chavenelle Rd Reconstruction (p 199), Southwest Arterial Project (p 202), 2-Way Conversion Central & White (p 205), North Cascade Road Reconstruction (p 209), JFK Road Resurfacing (p 211), Pennsylvania & Radford Roundabout (p 212), Cedar Cross Rd Reconstruction (p 213), Seippel Road Reconstruction (p 214). This priority is also supported through the FY19 and Proposed FY20 Operating Budget in the Engineering Department.

Priority: Street Maintenance Program: Funding Level

Priority classification: High Priority

CIP projects supporting this Priority: Asphalt Milling Program (p 117), Street Construction General Repairs (p 195), and Pavement Preservation Program (p 207). This priority is also supported through the FY19 and FY20 Proposed Operating Budgets in Engineering and Public Works Departments.

MANAGEMENT AGENDA

The City Council also identified projects that were previously on the priority list but whose implementation has already begun and therefore these projects are now a part of the Dubuque 2018 - 2020 Management Agenda. These represent short-term projects for the City Manager and City of Dubuque staff and have previously been budgeted in Fiscal Year 2019 or prior.

2018-2020 Management Agenda items are identified under their corresponding City Council Goal:

Vibrant Community

- 1) Crescent Community Health Center Development (Top Priority)

This priority is being addressed through the FY19 and proposed FY20 Health Department Operating budget.

- 2) Community Security/Surveillance System Expansion (High Priority)

This priority is addressed through proposed FY20 CIPs All Parks - Cameras/Code Blue Phones (p 32) and Street Camera Installation (p 242).

Livable Neighborhoods

- 3) CHANGE Program: Implementation (Top Priority)

This priority is being addressed through the FY19 and proposed FY20 Housing & Community Development Department Operating budget and proposed FY 20 CIPs Homeownership Assistance (p 289), Lead Based Paint Hazard Control (p 291), True North Neighborhood Reinvestment Partnership (p 293), Washington Neighborhood Home Purchase Program (p 295), Homeowner Rehabilitation Program (p 296), Purchase/Rehab/Resale (p 298), Lead Based Paint Hazard Control Grant Match (p 299), First-Time Home Buyer Program (p 301), Rental Dwelling Rehabilitation Programs (p 302), Bee Branch Healthy Homes Resiliency Grant (p 304), and Washington Neighborhood Housing Initiative (p 305).

- 4) Dubuque's True North Housing Initiative (Top Priority)

This priority is being addressed through the FY19 and proposed FY20 Housing & Community Development Department Operating budget and proposed FY20 CIPs Bee Branch Healthy Homes Resiliency Grant (p 305) and True North Neighborhood Reinvestment Partnership (p 293).

- 5) Residential Housing Upgrade/Bee Branch HUD Flood Protection (High Priority)

This priority is being addressed through the FY19 and proposed FY20 Housing & Community Development Department Operating budget and proposed FY20 CIPs Bee Branch Health Homes Resiliency Grant (p 305), Bee Branch Creek RR Culverts (p 179), 22nd Street Storm Sewer Improvements (p 181), 17th Street Storm Sewer Improvements (p 182), and Bee Branch Flood Control Maintenance Facility (p 183).

Financially Responsible, High Performance City Organization

6) Resident Satisfaction Survey (High Priority)

This priority is being addressed through the FY19 and proposed FY20 City Manager's Office Department Operating budget.

7) City Performance Measurements/Open Data Catalog/Data-Driven Governance (High Priority)

This priority is being addressed through the FY19 and proposed FY20 Information Services Department and City Manager's Office Operating budgets.

Sustainable Environment

8) Water & Resource Recovery Center: Nutrient Trading (High Priority)

This priority is being addressed through the FY19 and proposed FY20 Water & Resource Recovery Center Department Operating budget and proposed FY20 CIP Side-Stream Phosphorous Removal (p 102).

Partnership For A Better Dubuque

9) Campaign for Grade Level Reading (High Priority)

This priority is being addressed through the FY19 and proposed FY20 Leisure Services and Americorps Operating Budgets.

Diverse Arts, Culture, Parks & Recreation Experiences & Activities

10) Multicultural Family Center Expansion (Top Priority)

This priority is being addressed through the FY19 and proposed FY20 Leisure Services Department Operating budget.

11) Veterans Pond Development and Direction (Top Priority)

This priority is being addressed through the FY19 and proposed FY20 Leisure Services Department Operating budget.

12) Comiskey Park Renovation (High Priority)

This priority is being addressed through the FY19 and proposed FY20 Leisure Services Department Operating budget

Connected Community

13) Transit Vehicles Replacement (Top Priority)

This priority is being addressed through the proposed FY20 CIP Transit Vehicle Replacement (p 277).

MANAGEMENT IN PROGRESS AND MAJOR PROJECTS:

The following are projects that were identified as the 2018 - 2020 Management in Progress and Major Projects by the City Council and are included in the 2020 CIP budget according to one of the Council's goals.

2018 - 2020 Management in Progress

Management in Progress are items that were previously a City Council Goal and are now in the implementation phase. These items are included in the existing FY 2019 and proposed FY 2020 Operating budgets unless noted for additional funding. The items are identified under their corresponding City Council Goal:

Robust Local Economy

- Riverfront Lease Gavilon Sites (2): Negotiate Lease Extension
- Workforce Market-rate Housing: Rent to Homeownership - in proposed FY20 CIPs (p 289-305)
- Brownfield Area-Wide Agreement & Clean-Up
- Economic Impact of Historic Preservation Survey & Report: FY20 Funding
- Phased Historic Architecture Survey: FY20 Funding
- Marketing Dubuque Jet Center Services: Funding
- America's River III Fundraising: Announcement
- Air Service Expansion - in proposed FY20 CIPs Update Airport Layout Plan and GIS (p 105), Rehabilitate Taxiway A (p 109), Corporate Hangar Facilities Repair/Replacement (p 115)
- Opportunity Dubuque Job Training Program: Support Expansion & Diversification of Clients - in FY20 CIPs Workforce Development (p 266)
- Flexsteel Project: Facility Completion & Dubuque Initiatives Possession of Former Site
- Dubuque Brewing & Malting Site Development: SHPO Review
- Opportunity Zone Administrative Rules: US Treasury
- Build a Better Block Event

Vibrant Community

- Radio System Upgrade to P25
- Dispatcher Training
- Communication National Quality Assurance
- CAD Connection to City Camera Network
- "Smart 9-1-1" Building Profiles
- EMS Equipment Replacement Schedule
- Water & Resource Recovery Center: Certification of Environmental Laboratory
- Quick Response Pumper
- Fire Pumper - in FY20 CIP Ladder Truck & Pumper Replacement (p 1)
- 2018 Community Health Needs Assessment/Health Improvement Plan
- Fire Accreditation
- HUD Voluntary Compliance Report
- Police Officer Recruitment & Retention
- 21st Century Policing
- Healthcare Coverage for Residents from the Pacific Islands

Livable Neighborhoods & Housing

- Barrington Lakes Reservoir Abandonment
- Code Enforcement Accela Program
- Low Income Housing Tax-Credits Program/Projects
- Abandoned/Vacant Buildings/Structures Report - in FY20 CIPs Downtown URD Non-Profit ADA Assistance (p 259) and Non-Profit Weatherization Assistance (p 310)

- Downtown Commercial Buildings Evaluation & Assessment Report: Identification

Financially Responsible, High Performance City Organization

- Plans for City Expo 2019
- Direct Time Entry & Employee Access Center
- Grant Management Software: Implementation
- Water Source Initial Plan & Distribution Hydraulic Model Master Plan: in proposed FY20 CIP (p 88)
- Mobile Asset Management Software
- I-Net Connection for Remote Sites
- InVision Facility Management Software Design & Implementation
- Liquor License Process Review
- Mobile/Roaming Vendors/Concession Agreements & Permit Process Review
- Indirect Rate for Grants: Creation
- Accounts Payable Workflow
- Health Benefits Consulting & Actuarial Services: Contract
- Workers Compensation Claims Management: Contract

Sustainable Environment

- Emerald Ash Borer Program Implementation: Direction & Funding: in proposed FY20 CIP Street Tree Program (p 33)
- Community Climate Action & Resiliency Plan: Update: in proposed FY20 CIP Municipal Green House Gas Inventory (p 309)
- Sanitary Sewer System Condition Assessment: in proposed FY20 CIP Sewer Utility Master Plan (p 147)
- Lead & Copper Rule Compliance Water Sampling & Testing
- STAR Recertification
- Solid Waste Study

Partnership for a Better Dubuque

- Four Mounds Foundation/HEART Program
- My Brother's Keeper
- City Channel Dubuque Programming: Distribution Options
- All-American City Application
- GIS Story Maps
- Language Translation Strategy
- City Focus Magazine
- Bee Branch "Beekeepers" Initiative

Connected Community

- Bus Routes: Update
- Highway 20 Landscaping: in FY20 CIP Highway 20 - Irrigation (p 36)
- Comprehensive Pavement Preservation Plan: in FY20 CIP Pavement Preservation Program (p 207)

- New Aviation Facility: in FY20 CIP Relocate D-Marc to New Terminal/Deconstruct Old Terminal (p 107)
- Airport Security Program: in FY20 CIP Perimeter Fence Improvements (p 114)
- Downtown Parking Signage Ordinance

2018 - 2020 Major Projects

Robust Local Economy

- Airport Terminal Landscaping

Vibrant Community

- Fire Headquarters & Stations ADA Compliance Upgrades
- Fire Station HVAC & Lighting Improvement Projects: in proposed FY20 CIP (p 2)
- Communications Center Remodel
- Police Shooting Range Development (with Dubuque County Sheriff)

Livable Neighborhoods and Housing

- Lowell Street Retaining Wall Repair

Financially Responsible, High Performance City Organization

- Purina Drive Salt Storage Building Project

Sustainable Environment

- Bee Branch Project (Garfield to Comiskey and Under Railroad): in proposed FY20 CIP (p 179)
- Municipal Separate Storm Sewer (MS4) Permit Compliance Program/Projects
- Energy Efficient Street Lights: in FY20 CIP LED Re-Lamp Schedule (p 243)
- Water Tank Inspection and Maintenance: Schedule: in proposed FY20 CIP (p 89)
- Washington Street 30" Force Main Phase 2
- 17th Street/W. Locust Street HUD Resiliency Storm Sewer: in proposed FY20 CIP (p 182)
- 22nd Street/Kaufman Avenue HUD Resiliency Storm Sewer Improvement Project: in proposed FY20 CIP (p 181)
- W. 3rd Street Reservoir Generator
- Well Abandonment Project (Vernon & Barrington Lakes Systems)
- Water Meter Replacement for Vernon & Barrington Lakes
- WRRRC Outfall Manhole Reconstruction
- Riverbank Stabilization Project (US Corps of Engineers)
- Kerper Boulevard Sanitary Sewer
- Roosevelt Street Water Tower
- Cedar Crest, Wildwood, Barrington Lakes Fire Hydrants
- Tamarack Water Main Extension: in proposed FY20 CIP (p 91)

Partnership for a Better Dubuque

- City Light Pole Banners
- Bus Wrap Advertising

Diverse Arts, Culture, Parks and Recreation Experiences and Activities

- Grand River Center: Upgrade Projects: in proposed FY20 CIPs (p 53-66)
- Creekwood Park: Open
- English Ridge Subdivision Park Development
- Eagle Point Park Ecological Restoration Project

Connected Community

- Roundabouts [4]: in FY20 CIPs Pennsylvania & Radford Roundabout (212) and East-West Corridor Capacity Improvements (p 197)
- Four-Laning Southwest Arterial: Completion: in FY20 CIP Southwest Arterial Project (p. 202)
- North Cascade Road Reconstruction & Water Main Extension: in FY20 CIPs North Cascade Road Reconstruction (p 209) and North Cascade Road Water Main Extension (p 80)
- Washington Street Improvements (7th - 9th Street)
- Menards Frontage Road
- Chavenelle Road Rehabilitation: in FY20 CIP (p 199)
- Chavenelle Road Hike/Bike Trail
- Airport Signage - Highway 61: in FY20 CIP Terminal Entrance Sign and Regrading (p 110)
- Surface Parking Lots Paving
- Highway 52 Repaving

Source of Funds and Important Details

The Fiscal Year 2020-2024 CIP presents a financial plan that reflects a \$271,326 general property tax levy supported annual debt service for the FY 2010 purchase of a replacement pumper truck (\$1,035,000) and the FY 2016 the franchise fee litigation settlement judgment bond (\$2,800,000). No other borrowings included in the Fiscal Year 2020-2024 CIP utilize a debt service levy. It is anticipated that other borrowing from non-utility funds can and will be minimized by using other sources of funds such as future DRA annual distributions of operating surplus and sales tax revenue.

The following important details are about the source of funds:

UTILITIES**Stormwater**

The Stormwater Utility was formed on July 1, 2003, to update the City's aging infrastructure and implement the City of Dubuque Stormwater Management Plan, which included improvements in the both the Catfish Creek and Bee Branch watersheds, including the Bee Branch Watershed Flood Mitigation Project. The Bee Branch Watershed Flood Mitigation Project is a multi-phased, fiscally responsible investment that reflects a holistic approach to mitigate flooding as it will also improve water quality, stimulate investment, and enhance the quality of life. Having secured the necessary federal and state funding approvals, permits, and funding, Dubuque has pushed forward with planning, engineering design, execution, and completion of three phases and the initiation of six more.

In January 2016, the State was awarded \$95.7 million in HUD National Disaster Resiliency Competition grant funds (HUD NDR Grant). Per the award, the City of Dubuque is to receive \$8.4 million for a comprehensive "Bee Branch Healthy Homes Resiliency Program" to help residents address residual impacts from the flooding experienced within the Bee Branch Watershed. The City is also to receive \$23.1 million for design and construction of storm water infrastructure improvements associated with the Bee Branch Watershed Flood Mitigation Project. The HUD NDR Grant infrastructure improvements are as follows:

- Upper Bee Branch Creek Restoration Railroad Culvert Improvements involving the installation of culverts from the Lower Bee Branch Creek, through Canadian Pacific Railway property, to the Upper Bee Branch north of Garfield Avenue;
- 22nd Street/Kaufmann Ave Storm Sewer Improvements involving the installation of a large diameter storm sewer from 22nd & Elm up Kaufmann Avenue towards the Kaufmann & Kane intersection as funding allows. The work includes inlets and local sewer connections to the storm sewer and the complete reconstruction of the street and other underground utilities along street right-of-way corridor.
- 17th Street/W. Locust Street Storm Sewer Improvements involving the installation of a 96-inch diameter pipe from the Lower Bee Branch Creek through the Canadian Pacific Railway tracks to 17th Street then to the west along 17th Street and finally west along W. Locust Street

towards Rosedale Avenue as funding allows. The work includes inlets and local sewer connections to the storm sewer and the complete reconstruction of the street and other underground utilities along street right-of-way corridor.

In October of 2016, the City Council adopted Resolution 362-16. It rescinded Resolution 176-15 which outlined the construction schedule of various phases of the Bee Branch Watershed Flood Mitigation Project. Resolution 362-16 also authorized the execution of the contract with the Iowa Economic Development Authority in order for the City to utilize the \$23,309,600 HUD NDR Grant funds for the administration, design, and construction of Bee Branch Watershed Flood Mitigation Project improvements.

Per the contract, the City must contribute the previously budgeted \$21,600,000 for the infrastructure improvements as local, direct leverage. The City also must provide \$38,219,000 in supporting leverage, monies that the City previously budgeted for and has been utilizing to construct the Lower Bee Branch Creek Restoration Project, the Upper Bee Branch Creek Restoration Project, and the SRF Green Alleys constructed over the past couple of years. Finally, in order to receive and utilize the funding, the City must construct all of the improvements by the end of Fiscal Year 2021.

In order to ensure that the improvements related to the grant are completed by the end of Fiscal Year 2021, adjustments were necessary to the funding schedule previously established by Resolution 176-15 for other phases of the Bee Branch Watershed Flood Mitigation Project (Flood Mitigation Project). The table below compares the funding schedule for the various phases of the Flood Mitigation Project established through the adoption of Resolution 176-15 to an updated, adjusted schedule that will ensure adherence to the terms of the Contract.

The following chart shows a Comparison of the funding schedule for the various phases of the Flood Mitigation Project established through the adoption of Resolution 176-15 to an updated, adjusted schedule that will ensure adherence to the terms of the HUD National Disaster Resilience Competition Grant Contract:

Improvements	Schedule Established by Res. 176-15	Adjusted Construction Schedule Milestones	Status
Flood Mitigation Gate Replacement	2015	2022*	Under Design
Lower Bee Branch Creek Restoration	2015	2016-2017	Complete
Upper Bee Branch Creek Restoration	2015-2016	2015-2017	Complete
Bee Branch Creek Railroad Culverts	2019	2019-2021	Ready to Bid
North End Storm Sewers	2017	2028-2030	
22nd Street Storm Sewer	2017	2017-2021	Under Construction
Flood Mitigation Maintenance Facility	2015-2017	2024-2027	Under Design
17th Street Storm Sewer	2019-2021	2018-2021	Under Construction
Water Plant Flood Protection	2022-2023	2029-2030	
Pervious Pavement Systems (Green Alleys)	2023-2040	2015-2040	80 of 240 Complete

***Due to the possibility of additional grant funding from the Corp of Engineers and the U.S. Economic Development Administration, the Flood Gates have been delayed from FY 2017**

The adopted Fiscal Year 2020-2024 Capital Improvement Program Budget includes \$4,847,483 for the 22nd Street Storm Sewer Improvements Project (Phase 8 of the Bee Branch Watershed Flood Mitigation Project) to improve the storm sewer system from Elm Street west across Central Avenue and up Kaufmann Avenue towards Kane Street. Exact limits to be determined by available funding. The HUD National Disaster Resiliency grant provides funding for this effort.

The adopted Fiscal Year 2020-2024 Capital Improvement Program Budget includes \$3,270,455 for the 17th Street Storm Sewer Improvements Project (Phase 12 of the Bee Branch Watershed Flood Mitigation Project) to construct a large diameter storm sewer along 17th Street from the Bee Branch Creek to West Locust Street. The HUD National Disaster Resiliency grant provides funding for this effort.

The adopted Fiscal Year 2020-2024 Capital Improvement Program Budget includes \$22,446,573 for the culverts under the Canadian Pacific Railway property as part of the Bee Branch Creek Restoration Project (Phase 7 of the Bee Branch Watershed Flood Mitigation Project). The HUD National Disaster Resiliency grant provides funding for this effort.

The adopted Fiscal Year 2020-2024 Capital Improvement Program Budget includes \$220,000 for the Flood Control Maintenance Facility as part of the Bee Branch Creek Restoration Project (Phase 9 of the Bee Branch Watershed Flood Mitigation Project).

Direct City leverage totals \$21,600,000; these funds have already been committed to the Bee Branch Watershed Flood Mitigation Project and were reflected in the adopted Fiscal Year 2017-2021 Capital Improvement Program Budget.

Fiscal Year 2020 will be the thirteenth fiscal year that the Stormwater Fund is recommended to be fully funded by stormwater user fees. The General Fund will continue to provide funding for the stormwater fee subsidies that provide a 50% subsidy for the stormwater fee charged to property tax exempt properties, low-to-moderate income residents, and a 75% subsidy for the stormwater fee charged to residential farms. The FY 2020 Stormwater User Fee is proposed to increase from \$7.76 per SFU to \$8.29 per SFU, a 6.83% increase, consistent with Ordinance 16-14 passed on March 5, 2014.

	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Adopted Per Ordinance 21-12	\$8.50	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00
Adopted Per Ordinance 16-14	\$6.38	\$6.81	\$7.27	\$7.76	\$8.29	\$8.85	\$9.00
% Decrease From Ordinance 21-12	-24.94%	-24.33%	-19.22%	-13.78%	-7.89%	-1.69%	0%

* The recommended rates for FY16 through FY20 reflect the rates previously established by Ordinance 16-14 following the State's approval of \$98.5 million in State Flood Mitigation state sales tax increment funds for the Bee Branch Watershed Flood Mitigation Project. Ordinance 21-12 was the ordinance adopted prior to the City receiving the Flood Mitigation grant.

Water

Water revenue represents a portion of the monthly water bill that goes for maintenance, repair, replacement and improvement of the Eagle Point Water Plant and water distribution system on a pay-as-you-go basis for all projects except the major extensions. The annual payment to the depreciation fund in Fiscal Year 2019 is \$935,000. The Fiscal Year 2020-2024 CIP anticipates \$2,921,403 in Fiscal Year 2020, \$1,804,924 in Fiscal Year 2021, \$1,127,870 in Fiscal Year 2022, \$1,513,962 in Fiscal Year 2023, and \$1,367,564 in Fiscal Year 2024.

No borrowings are anticipated the five-year CIP. New debt service will be paid from parking fees and offset by reduced payments to Depreciation (Construction Fund).

Prior to FY 2013, the General fund has been subsidizing a portion of the utility funds use of administrative services such as Engineering administration, Engineering Project Management, Finance accounting services, Economic Development, Planning Services, Workforce Development, City Clerk services, Legal services, City Manager's Office including Budget, Geographic Information Systems, Sustainability, Neighborhood Development, Arts and Cultural Affairs and Personnel. Prior to FY 2013, the Engineering department estimated the amount of time spent on projects and allocated that time to an Internal Service Fund which is then allocated to the various capital improvement projects that the personnel work on. The remaining time not allocated to the Internal Service Fund was considered administrative and has been charged to the General Fund. In addition, administrative departments such as the City Manager's Office, Legal, Planning, Economic Development, City Clerk's Office and Workforce Development recharged expenses based upon each enterprise fund's percent of the City-wide operating budget, excluding debt service. The accounting activity of the Finance Department has not been recharged to the other funds with exception of payroll and loan processing, parking tickets and landfill billing.

Beginning in FY 2013, additional overhead recharges to the utility funds is being phased in over several years. Engineering administrative and project management expenses that are not recharged to capital projects will be split evenly between the Water, Sewer, Stormwater and General Funds. Finance accounting expenses and all other administrative departments such as Economic Development, Planning, Workforce Development, City Clerk, Legal Services and City Manager's Office will be split evenly between Water, Sewer, Stormwater, Refuse Collection and General Funds, with overhead costs being shared by the Landfill and Parking. This will be fully implemented over time.

Beginning in Fiscal Year 2018, Neighborhood Development, Economic Development and Workforce Development expenses will not be recharged to utility funds. In addition, the Landfill will not be recharged GIS and Planning expenses.

The Water Fund's share of the City's administrative overhead is 18.75%. In FY 2020, the Water Fund will only support 6.13% of administrative overhead.

The water fees in FY 2020 are recommended to increase 5.0%; 5.0% for operating needs and 0% for capital needs.

Sewer

Sewer revenue represents a portion of the monthly sewer bill that goes for the maintenance, repair, replacement and improvement of the Water & Resource Recovery Center Plant; lift stations, and sewer lines on a pay-as-you-go basis. The annual payment to the depreciation fund in Fiscal Year 2019 was \$845,000. The Fiscal Year 2020-2024 CIP anticipates \$344,601 in Fiscal Year 2020, \$421,057 in Fiscal Year 2021, \$597,616 in Fiscal Year 2022, \$778,724 in Fiscal Year 2023 and \$2,493,607 in Fiscal Year 2024.

Sanitary Sewer State Revolving Fund Loans will be used to finance sewer projects in FY 2020-2024 as follows: \$865,000 FY 2020; \$3,897,190 FY 2021; \$6,524,155 FY 2022; \$3,855,976 FY 2023; and \$1,545,605 FY 2024. The debt service related to the total \$16,687,926 State Revolving Fund Loans over the 5-years will be paid from sewer fees and offset by reduced payments to Depreciation (Construction Fund). The State Revolving Fund Loans support such projects as cedar and terminal lift station improvements and high strength waste receiving tank.

The sewer fees in FY 2020 are recommended to increase 4.5%; 4.5% for operating needs and 0% for capital needs.

Prior to FY 2013, the General fund has been subsidizing a portion of the utility funds use of administrative services such as Engineering administration, Engineering Project Management, Finance accounting services, Economic Development, Planning Services, Workforce Development, City Clerk services, Legal services, City Manager's Office including Budget, Geographic Information Systems, Sustainability, Neighborhood Development, Arts and Cultural Affairs and Personnel. Prior to FY 2013, the Engineering department estimated the amount of time spent on projects and allocated that time to an Internal Service Fund which is then allocated to the various capital improvement projects that the personnel work on. The remaining time not allocated to the Internal Service Fund was considered administrative and has been charged to the General Fund. In addition, administrative departments such as the City Manager's Office, Legal, Planning, Economic Development, City Clerk's Office and Workforce Development recharged expenses based upon each enterprise fund's percent of the City-wide operating budget, excluding debt service. The accounting activity of the Finance Department has not been recharged to the other funds with exception of payroll and loan processing, parking tickets and landfill billing.

Beginning in FY 2013, additional overhead recharges to the utility funds is being phased in over several years. Engineering administrative and project management expenses that are not recharged to capital projects will be split evenly between the Water, Sewer, Stormwater and General Funds. Finance accounting expenses and all other administrative departments such as Economic Development, Planning, Workforce Development, City Clerk, Legal Services and City Manager's Office will be split evenly between Water, Sewer, Stormwater, Refuse Collection and General Funds, with overhead costs being shared by the Landfill and Parking. This will be fully implemented over time.

Beginning in Fiscal Year 2018, Neighborhood Development, Economic Development and Workforce Development expenses will not be recharged to utility funds. In addition, the Landfill will not be recharged GIS and Planning expenses.

The Sanitary Sewer Fund's share of the City's administrative overhead is 18.75%. In FY 2020, the Sanitary Sewer Fund will support 18.75% of the administrative overhead.

Parking

Parking revenue represents three primary sources: (a) the balance of prior year depreciation funds set aside for the maintenance and repair of parking ramps; (b) future payments to the depreciation fund for repair and maintenance of the parking system (there are no budgeted payments to the depreciation fund in future years due to using existing cash balance); and (c) interest income.

A \$3 million Greater Downtown TIF borrowing is anticipated in FY 2024 for additional downtown parking. New debt service will be paid from the Greater Downtown TIF fund.

The Greater Downtown TIF will support parking related debt in the downtown as follows: \$280,000 in FY 2020; \$280,000 in FY 2021; \$280,000 in FY 2022; \$280,000 in FY 2023; and \$280,000 in FY 2024.

Prior to FY 2013, the General fund has been subsidizing a portion of the utility funds use of administrative services such as Engineering administration, Engineering Project Management, Finance accounting services, Economic Development, Planning Services, Workforce Development, City Clerk services, Legal services, City Manager's Office including Budget, Geographic Information Systems, Sustainability, Neighborhood Development, Arts and Cultural Affairs and Personnel. Prior to FY 2013, the Engineering department estimated the amount of time spent on projects and allocated that time to an Internal Service Fund which is then allocated to the various capital improvement projects that the personnel work on. The remaining time not allocated to the Internal Service Fund was considered administrative and has been charged to the General Fund. In addition, administrative departments such as the City Manager's Office, Legal, Planning, Economic Development, City Clerk's Office and Workforce Development recharged expenses based upon each enterprise fund's percent of the City-wide operating budget, excluding debt service. The accounting activity of the Finance Department has not been recharged to the other funds with exception of payroll and loan processing, parking tickets and landfill billing.

Beginning in FY 2013, additional overhead recharges to the utility funds is being phased in over several years. Engineering administrative and project management expenses that are not recharged to capital projects will be split evenly between the Water, Sewer, Stormwater and General Funds. Finance accounting expenses and all other administrative departments such as Economic Development, Planning, Workforce Development, City Clerk, Legal Services and City Manager's Office will be split evenly between Water, Sewer, Stormwater, Refuse Collection and General Funds, with overhead costs being shared by the Landfill and Parking. This will be fully implemented over time.

Beginning in Fiscal Year 2018, Neighborhood Development, Economic Development and Workforce Development expenses will not be recharged to utility funds. In addition, the Landfill will not be recharged GIS and Planning expenses.

The Parking Fund's share of the City's administrative overhead is 6.93%. In FY 2020, the Parking Fund will support 2.45% of the administrative overhead.

Solid Waste Collection Activities

Solid waste collection activities revenue represents a portion of the monthly refuse bill that goes for the purchase of solid waste collection vehicles. The annual payment to the depreciation fund in Fiscal Year 2019 was \$460,000 and will be \$495,778 in FY 2020, \$685,126 in FY 2021; \$608,628 in FY 2022; \$621,084 in FY 2023; and \$632,148 in FY 2024.

Prior to FY 2013, the General fund has been subsidizing a portion of the utility funds use of administrative services such as Engineering administration, Engineering Project Management, Finance accounting services, Economic Development, Planning Services, Workforce Development, City Clerk services, Legal services, City Manager's Office including Budget, Geographic Information Systems, Sustainability, Neighborhood Development, Arts and Cultural Affairs and Personnel. Prior to FY 2013, the Engineering department estimated the amount of time spent on projects and allocated that time to an Internal Service Fund which is then allocated to the various capital improvement projects that the personnel work on. The remaining time not allocated to the Internal Service Fund was considered administrative and has been charged to the General Fund. In addition, administrative departments such as the City Manager's Office, Legal, Planning, Economic Development, City Clerk's Office and Workforce Development recharged expenses based upon each enterprise fund's percent of the City-wide operating budget, excluding debt service. The accounting activity of the Finance Department has not been recharged to the other funds with exception of payroll and loan processing, parking tickets and landfill billing.

Beginning in FY 2013, additional overhead recharges to the utility funds is being phased in over several years. Engineering administrative and project management expenses that are not recharged to capital projects will be split evenly between the Water, Sewer, Stormwater and General Funds. Finance accounting expenses and all other administrative departments such as Economic Development, Planning, Workforce Development, City Clerk, Legal Services and City Manager's Office will be split evenly between Water, Sewer, Stormwater, Refuse Collection and General Funds, with overhead costs being shared by the Landfill and Parking. This will be fully implemented over time.

Beginning in Fiscal Year 2018, Neighborhood Development, Economic Development and Workforce Development expenses will not be recharged to utility funds. In addition, the Landfill will not be recharged GIS and Planning expenses.

The Solid Waste Fund's share of the City's administrative overhead is 18.75%. In FY 2020, the Solid Waste Fund will support 17.24% of the administrative overhead.

The solid waste collection fees in FY 2020 are recommended to increase 1.63%.

GENERAL FUND

The current revenue amount of \$812,745 (0.42% of CIP Total) during the five-year period represents \$40,000 in golf funds for improvements to the Bunker Hill Golf Course, \$46,350 in Historic Preservation Loan repayments, \$150,000 in Rental Dwelling Rehab Repayments, \$184,000 in Greater Downtown Loan Pool Repayments, \$100,000 in Washington Neighborhood Loan Repayments, \$145,000 in insurance and other reimbursements, \$126,195 in Dubuque County reimbursement, and \$21,200 in repayments to the Homeownership Loan Program.

LOCAL OPTION SALES TAX (LOST)

The local option Sales and Services Tax approved by the voters on February 2, 1988, provided that 20 percent of the proceeds would be used for: (a) the upkeep of City-owned property such as sidewalks, steps, storm sewers, walks, curbs, traffic signals and signs, bridges, and buildings and facilities; (b) transit equipment such as buses; (c) riverfront and wetland developments; and (d) economic development projects. This portion of the Sales and Services Tax shows up on the CIP Source of Funds Summary as “Sales Tax (20%)” totals \$2,570,083 and represents 1.33% of the total CIP.

The local option Sales and Services Tax approved by the voters on February 2, 1988, provided that 30 percent of the proceeds would be used to: (a) reduce street special assessments by at least 75 percent; and (b) maintain and repair streets. This portion of the Sales and Services Tax shows up on the CIP Source of Funds Summary as “Sales Tax/Street Projects (30 percent)” and totals \$12,796,248, or 6.64% of the total CIP.

GAMING

DRA payments represent 4% in FY 2020 of the projected gaming taxes, rent, and admissions from the race track, slots and riverboat operations (\$1,655,755 or 0.86% of the total CIP) over the five-year period. When practical in future years, additional revenues will be moved to capital from operating. To the extent that there is any revenue shortfall in future years, capital projects will be eliminated or deferred. DRA distribution revenue projections (\$10,600,163 or 5.50% of the total CIP) are discounted consistent with the adopted budget guidelines by 5% in FY 2022, 10% in FY 2023 and 15% in FY 2024.

As reported in prior years, with the reduction in the Dubuque Racing Association's market impacts the City's lease payment from the DRA. The City's estimated lease payments through FY 2024 have been reduced \$27.8 million based on projections from the DRA. These adjustments to the City budget were made through current years and prior year's budgeting processes.

In Calendar Year 2018, gross gaming revenues at the Q Casino is up 4% and the Diamond Jo is up 1%. Overall, the Dubuque gaming market is up 2.2% for Calendar Year 2018. Q Casino's increase is due to the hotel renovation, new restaurant (Farmhouse), and new gaming product and entertainment mix. The DRA has projected a 1% increase in gross gaming revenue for Calendar Year 2019.

The State of Illinois passed a Video Gaming Act on July 13, 2009 that legalized the use of Video Gaming Terminals in liquor licensed establishments including bars, restaurants, truck stops and certain fraternal and veterans' organizations. In the part of Illinois that affects the Dubuque market, the first year of operation of video gaming terminals generated \$1 million in revenue monthly. The use of video gaming terminals has now grown to \$9.4 million monthly for the five counties closest to Dubuque and in a direct line with Rockford, IL, which has limited revenue to the gaming market in Dubuque. The Q Casino and Diamond Jo Casino average monthly revenue is \$10.8 million. The number VGT machines have increase by 84% since 2013. The five counties in Illinois had 1037 machines in 2013 and currently have 1906 machines. Currently, Q Casino has 833 Slot Machines and Diamond Jo has 916 for a total of 1,749 or 9% less. This is a similar impact of building approximately two more casinos halfway between Dubuque and Rockford.

FEDERAL FUNDING

Community Development Block Grant (CDBG)

The Fiscal year 2020-2024 CIP anticipates that Community Development Block Grant (CDBG) funds will be \$543,130 in FY 2020; \$581,766 in 2021; \$594,132 in FY 2022; \$532,400 in FY 2023; and \$522,600 in FY 2024 (1.44% of the total CIP). CDBG is budgeted at the same funding level as FY 2019.

Federal Aviation Administration (FAA)

The FAA funding of \$18,069,662 (9.37% of the total CIP) provides 90 percent match on most airfield related improvements. The Fiscal Year 2020-2024 budget includes replacement of snow removal equipment; north apron reconstruction; rehabilitate runway lighting, update airport layout plan and GIS; and rehabilitate taxiway A.

Federal Transit Administration (FTA)

The FTA funding of \$1,939,672 (1.01% of the total CIP) provides for the federal share of the nine heavy duty buses replaced by the FTA bus and facilities grant.

Federal STP Funds (6.88% of Total CIP)

Federal funds are anticipated for the North Cascade Road (\$872,200); and the East-West Corridor Study Improvements (\$8,100,000); Pennsylvania Roundabout (\$1,100,000); Seippel Road Reconstruction (\$1,119,725); and Cedar Cross Road Reconstruction (\$2,080,000).

Federal Lead Paint Hazard Mitigation Grant (1.10% of Total CIP)

Federal funds for the Lead Paint Hazard Mitigation program awarded in FY 2019 with funding budgeted as follows: \$542,500 in FY 2020; \$785,000 in FY 2021; and \$785,000 in FY 2022.

Federal HUD Resiliency Grant (8.99% of Total CIP)

The U.S. Department of Housing and Urban Development (HUD) has awarded the City of Dubuque \$31.5 million to assist Bee Branch Watershed homeowners in repairing and “flood-proofing” their homes and for stormwater infrastructure improvements. A total of \$8.4 million was provided for the rehabilitation of up to 320 housing units, including owner-occupied homes, single-unit rentals, and small, multi-family residential units, all within the targeted Bee Branch Watershed areas and \$23.1 million for the installation of culverts through the railroad property lying between the upper and lower sections of the Bee Branch Creek, storm sewer improvements on 17th Street & West Locust Street, and storm sewer improvements on 22nd Street & Kaufmann Avenue.

STATE FUNDING

Road Use Tax

Road Use Tax Funds (RUTF) of \$2,156,148 (1.12% of the total CIP) over five years represents the balance of annual payments not required for support of the operating budget and funds that had been reserved to finance high priority transportation projects. The Iowa Department of Transportation (IDOT) provides annual projections on the amount of RUTF the City of Dubuque will receive over the next five years based on a per capita amount. The State Road Use Tax Fund consist of revenues from fuel tax, vehicle registration fees, use tax, driver's license fees and other

miscellaneous sources and is distributed to cities on a per capita basis. It should be noted that in FY 2010, the Iowa Department of Revenue increased Road Use Tax Funds (RUT) as a result of higher vehicle registration fees passed into law in 2008. The gas tax was increased ten cents beginning in February 2015. The city is estimated to receive \$35,368,613 for FY 2020-2024.

Sales Tax Increment Revenue

The City secured a \$98.5 million grant through the State of Iowa Flood Mitigation program funded by 70% of the sales tax increment revenue received from the State of Iowa's 5% portion of sales tax received from sales in the City of Dubuque. This revenue will fund the debt service payable on Sales Tax increment Revenue bonds and Iowa Finance Authority State Revolving Fund Loans issued for the Flood Mitigation project known as the Bee Branch Watershed Project. In the five year capital program, \$3,743,143 of sales tax increment revenue will fund pay-as-you-go projects related to the Bee Branch Watershed project.

Other State Grants (0.59% of Total CIP)

State funding includes Iowa Department of Transportation Funding for street projects and trails and Historic Preservation Surveys and Regulations of \$1,143,000 are anticipated over the five-year program.

State transit funding includes \$376,704 over the five-year program for JFK Circle Bus Transfer Phase 2 and bus stop improvements.

Iowa Finance Authority funding of \$706,415 is anticipated over the five-year program for the Housing Department's Housing Trust Fund to provide permanently affordable housing or assistance to nonprofit organizations providing the same.

TAX INCREMENT FINANCING (TIF)

Dubuque Industrial Center West TIF District

In FY 2006 and 2007, Tax Increment Financing (TIF) funds were committed towards abatement of the 20 year G.O. Bond issue for a Dubuque Industrial Center West (DICW) expansion and Chavenelle Road extension project, thereby delaying payback to the general fund for prior year development costs. In FY 2007, the TIF assessed values increased, allowing for additional increment for projects and cost recovery to continue. In FY 2017, the TIF assessed values increased again from a commercial 12% state equalization order.

The FY 2020-2024 CIP includes \$310,000 each fiscal year to provide funding for the new campaign by the Greater Dubuque Development Corporation to improve the economy in Dubuque. Fiscal Year 2021 includes \$2,700,000 for Chavenelle Road Reconstruction and \$2,616,995 for Development of McFadden Farm. Fiscal Year 2024 includes \$280,000 for Seippel Road Extension, \$50,000 for McFadden Signs, and \$80,465 for Dubuque Industrial South Signs.

Annexation Initiatives

As annexation and development continues, the City has taken the following initiatives to provide services to annexed areas:

Additional Police Officers (Operating Budget)

With the Police Department's crime strategy, Territory Accountability Design, in full implementation, the department projected the need to increase Dubuque's current six patrol territories to seven as new areas of the city are developed. To add a seventh territory, five additional police officers were needed.

Partly in response to this need, the Police Department developed a Sworn Officer Plan which proposed the addition of 15 sworn police officers over a five-year period, with the first five (four Police Officers and one Police Corporal acting as a Section 8 Investigator) approved in December 2007, four more were approved in FY 2009, three more were approved in FY 2010, two more were approved in FY 2011 and one more was approved in FY 2012. The plan's staff increases created sufficient staffing to establish an additional patrol territory. In FY 2019, an additional sworn police officer was added, an existing position was promoted to Captain and one Corporal position was eliminated in order to create a Specialty Unit Commander. The Fiscal Year 2020 budget recommendation includes the expansion of the Dubuque Police Department School Resource Officer Program. Three SRO's would be added over consecutive years: FY2020, FY2021, and FY2022 budget. Under this proposal, the DCSD would gradually pay 50% of the salary of the existing SRO Corporal, and the DARE Officer. DCSD would also begin paying 50% of the initial Iowa Law Enforcement Academy training costs and initial equipment for the proposed new SRO positions, including a squad car, and ongoing training costs for SRO's.

Fire Station and Additional Firefighters

An additional west end fire station is currently projected to be designed in FY 2023, but may be delayed. This station would be approximately 10,000 square feet and house two response apparatus, plus storage for other reserve units. The City of Dubuque currently has an annexation study and not an annexation plan. However, addition of this fire station and associated ambulance and firefighting response capability and capacity positions the City will develop an annexation plan and begin the process of annexation in the near future. The City Development Board, that approves annexation expects services to be provided within 3 years of annexation. For a new station, operating costs include insurance, utilities, equipment, maintenance, furniture, and the cost of twelve new employees. Beginning in FY2020, one (1) new employee would be added, one (1) additional new employee would start in FY 2021 as well. In FY2022, four (4) more employees would be added. In FY2023, two (2) employees would be added, and the remaining four would start in FY 2024 (for a total of 12 positions). The current minimum staffing per shift is 22, with 28 personnel assigned to cover leave. During the build up of positions before a fire station is constructed, the additional personnel will reduce the need for overtime as each shift will have more positions available to cover vacations and other leave. This advantage will diminish once the new engine and ambulance are placed in service in FY2024.

Additional Snow Plow Drivers and Snow Plow Route (Operating Budget)

Dubuque's expansion also increased the number of streets and roads that must be maintained by the City's Public Works Department. In order to maintain the current level of street maintenance, street cleaning, and snow and ice control to all areas of the city, the Public Works Department was approved for the addition of a snow plow driver in FY 2009 and another is expected to be requested in a future year. Two drivers are needed to staff a route 24 hours a day in a snow event. The Public Works Department plans to create another snowplow route with these two employees as annexation and development dictates. In the warm months, this position will be assigned to the Leisure Services Department to maintain City parks and landscaping in the Washington Neighborhood, Port of Dubuque, Iowa Street and the Locust Street connector. In Fiscal Year 2009, the Public Works Department also began using Refuse, Recycling and Yard Waste Collection employees at the end of their collection routes and on overtime to assist in snow removal duties. The City has also developed a plan to use personnel and equipment from other City departments to go from 22 pieces of snow removal equipment to 32 pieces of snow removal equipment in a snow storm that exceeds 5 inches. With the recommendation to

eliminate full-time positions in the Engineering Department and create one part-time position, there will be less opportunity to supplement the snow plowing effort.

Water and Sanitary Sewer Service

The City is in the process of extending sanitary sewers and water service into new development areas or recently annexed areas as part of pre-annexation agreements. Requests have been received for sanitary sewer and water service on North Cascade Road near Highway 20 and for water service further North on John F. Kennedy Road.

In 2003, a new water main was activated from Highway 20 north on the east side of the Northwest Arterial to John F. Kennedy Road then west to a new 1.25 million gallon water tower located at the Dubuque Soccer Complex. By constructing this tower and with this water main extension in the fourth pressure zone of the City's water distribution system, it allowed growth to take place for residential, commercial and industry to the west of the community.

To date, both sanitary sewer and water service have been extended through the Dubuque Industrial Center West, along Seippel Road to the north edge of the Callahan subdivision. Additional funds are available to extend water and sewer service to the 643 acres annexed and to other areas under consideration for annexation. The City has spent in excess of \$2 million to replace much of the North Fork Catfish Creek Sanitary Sewer Line. The City extended the Granger Creek Interceptor sewer and the public water main from the Technology Park South along highway 151/61 to the north side of the Dubuque Regional Airport. The Granger Creek sanitary sewer and water main extension provided immediate sanitary sewer and water services to the Dubuque Regional Airport and portions of the annexation areas that are adjacent to the highway 151/61 corridor.

Greater Downtown TIF District

This district was formally the Downtown and Ice Harbor TIF districts but now have been combined to the Greater Downtown TIF district. Many projects, which are City Council priorities, are able to move forward due to the availability of Greater Downtown TIF revenue due to continued growth to further sustain a rejuvenated downtown and port of Dubuque. The following are projects included in the FY 2020-2024 CIP:

Jackson Park Construct Restrooms (page 21) – This project provides funding for the construction of rest rooms in Jackson park (\$250,000).

Jackson Park Amenities (page 22) – This project provides funding for the improvement of amenities in Jackson park (\$310,000).

Town Clock Rehab (page 29) - This project (\$100,000) provides for concrete work throughout the plaza area.

Civic Center Arena Roof Air Conditioner Replacement (page 41) - This project (\$225,000) provides for replacing the arena air conditioning units Roof Top Units 1, 2 and 3. The air conditioning units were installed in 2005 and have a life span of fifteen years. The units are working, however costs of repairs are rising every year.

Five Flags Building Improvements (page 47) - This project (\$6,000,000) provides for improvements to the building (arena, theater, lobby areas, exterior) and its equipment should a bond referendum for another scenario not pass or it is determined by City Council that Scenario 1 of status quo is the direction. This would be used on the current facility at its current footprint in its current state. The building is in need of

wood window repairs, painting of the steel exterior, resealing the ballroom floor, remodeling/upgrading concession stands, carpet and tile replacement, locker shower upgrades, stage dimmer light replacement, dressing room upgrades, orchestra pit electronic lift, placement, refurbishing the stage floor, restoration of theater seats, painting walls and ceilings, satellite ticket booth , theater counter weight and grid system, lighting upgrades and retrofits and other building needs. Equipment replacement needs include the sound system, floor scrubber, tables and portable chairs, water fountains, popcorn popper, concert lighting, pipe and drape, follow spots, lighting consoles, masking equipment, scoreboard and other equipment replacements. .

Grand River Center Replace Carpet (page 54) - This project (\$487,872) provides for the replacement of carpeting at the Grand River Center.

Grand River Center Market Study and Facility Assessment (page 62) - This project (\$65,000) provides for a facility assessment and market study in preparation of the Grand River Center's first twenty years.

East - West Corridor Capacity Improvements (page 197) - This project (\$650,000) provides for capacity improvements along alternate east-west corridors to provide connectivity between the western growth areas and the downtown urban core. The section of University Avenue, from Pennsylvania Avenue to Loras Boulevard, referred to as the "Overlap Section" was recommended for converting the three intersections along University Avenue to roundabouts. With funds programmed in FY 2018 - 2019, the next steps in the design development process are to complete the preliminary engineering and environmental (NEPA) study phase for intersection capacity improvements along University Avenue at Loras Boulevard, Asbury Road, and at Pennsylvania Avenue. Once the preliminary engineering and environmental (NEPA) study are completed, corridor impacts will be identified, and property acquisition could begin in approximately FY2020 / 2021 and would take approximately 2 years to complete. Once property acquisition is completed within the Overlap Section, construction to convert the three intersections along University Avenue to roundabouts could begin in FY2022 and would take approximately 2-3 years to complete.

2-Way Conversion Central and White (page 205) - This project (\$200,000) provides for hiring a consultant to complete a One-Way to Two-Way Traffic Conversion Study along the Central Avenue Corridor from 4th Street to 21st Street, and on White Street from 5th Street to 21st Street. The proposed Study would evaluate the 15 signalized intersections within the Central and White corridors; identify Complete Street corridor improvements or modifications to support traffic demands; and to consider transit needs, bike and pedestrian needs, and sustainability.

7th Street Extension to Pine Street (page 206) - This project (\$420,000) provides for an opportunity to evaluate alternatives and the feasibility of developing a roadway through the Alliant site which would connect 7th Street to Pine Street at 9th / Kerper Blvd. The potential extension of 7th Street to Pine Street would allow commercial traffic to use the US 61-151 on / off ramps at 9th Street to access Pine Street to 7th. This would provide commercial vehicles that currently use 7th, 9th, Central, Washington and Jackson Streets through the Historic Millwork District to get to the industrial businesses on 7th / Commercial Street, a more efficient, safer, and direct route..

Federal Building Renovation (page 241) - This project (\$1,680,518) provides funding in FY 2020 for \$22,000 to conduct an American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) Level 1 Energy Audit, \$6,000 for the replacement of the public information kiosk in the lobby, \$28,500 for making ADA accessibility upgrades to the 3rd floor public restrooms, and \$42,000 is budgeted to paint the interior post office space per the terms of the lease agreement. In FY 2021, \$220,000 is budgeted for structural repairs to the

loading dock and leaking building foundation and \$165,000 for replacement of the first floor lobby lights with replica period fixtures, main stairwell painting and lighting, and refinishing of the historic woodwork in the main lobby. In FY 2022, \$250,000 is budgeted for an ASHRAE Level 2 & 3 Energy Assessment which will build off of the results from the Level 1 energy audit. The Level 2 Assessment provides detailed survey of building systems and operations, breakdown of energy source and end use, identification of Energy Efficiency Measures (EEMs) for each energy system, range of savings & costs for the EEMs, spotlight on operational discrepancies and outline of priorities for needed upgrades. The ASHRAE Level 3 Energy Assessment allows for complex HVAC system upgrade alternative analysis, return on investment and construction cost estimating. Additional funding in FY22 is being budgeted to address known long term building operations and maintenance requirements which include \$54,500 for tuck pointing and waterproofing of the building window wells, and \$13,000 to tuck point the front steps and replace rusting hand rails and \$4,500 is budgeted for improvements to the public way finding signs for the building.

In FY 2022, \$250,000 is budgeted for an ASHRAE Level 2 & 3 Energy Assessment which will build off of the results from the Level 1 energy audit. The Level 2 Assessment provides detailed survey of building systems and operations, breakdown of energy source and end use, identification of Energy Efficiency Measures (EEMs) for each energy system, range of savings & costs for the EEMs, spotlight on operational discrepancies and outline of priorities for needed upgrades. The ASHRAE Level 3 Energy Assessment allows for complex HVAC system upgrade alternative analysis, return on investment and construction cost estimating. Additional construction funding in FY23 is being budgeted to address known long term building operations and maintenance requirements.

Riverfront Dock Expansion (page 228) - This project (\$875,000) is to expand the existing riverfront docking facility to accommodate large excursion boats in the Port of Dubuque. The City's proposed infrastructure plan is to construct a new pier wall landing platform near the bottom of Riverwalk Stair No. 2. A portion of Stair No. 2 will be reconstructed to connect to the new landing platform. The new landing platform will be connected to the Riverwalk by an ADA compliant ramped walkway. The excursion boats will moor against new pipe pile clusters and will access land from floating platform docks which will connect to the pier wall landing platform via ADA compliant gangway. The expanded docking facility will accommodate excursion boats 400 feet in length or greater. It is forecasted that excursion boat traffic on the Mississippi River will increase and a new docking facility will create an opportunity for significant tourism growth in Dubuque. Increased tourism will create employment in retail, dining, ground transportation, and excursions to local attractions, while other tourism-related sectors will benefit as a result.

Riverfront Leasehold Improvements (page 231) - This project (\$79,200) provides funding in FY21 to support the rail spur improvements along Kerper Blvd. and Commercial St and the deconstruction of the former Dodd's Terminal building foundation in the South Port. Clearing this site of the existing outdated and obsolete structure will help to prepare it for redevelopment. FY 22 would allow the city to evaluate redevelopment options for the industrial sight on 7th street along Dove Harbor, as well as a site along Kerper Blvd at the Peosta Channel.

ABC Supply Building Deconstruction (page 232) - This project (\$417,000) provides funding for hazardous material remediation and structure deconstruction of a former City owned leased property along Highway 151 near the South Port. The Funding in FY21 would support the deconstruction of the former ABC Supply building who's lease expired in December 2018. Clearing this site of the existing outdated and obsolete structure will help to prepare it for redevelopment.

Greater Downtown Street Lights (page 235) - This project (\$162,000) provides funding for the addition of approximately 130 mid-block street lights within the Downtown Urban Renewal District and CDBG areas. These additional street lights would be installed on new Alliant

poles. Also, the City would provide LED lights to be installed on either commercial building or residential if property owner agrees to install and pay for the electrical costs.

Downtown Urban Renewal Area Non-Profit Accessibility Assistance Program (page 259) - This project (\$500,000) provides assistance with accessibility improvements to existing public buildings either owned or operated by non-profits. The Non-Profit Accessibility Assistance Program is a competitive matching grant program that will fund up to \$50,000 in any one year for eligible projects and agencies. Eligible non-profits must be classified by the U.S. Internal Revenue Service under Section 501(c)(3) of the I.R.S. code and must have a minimum two-year operating history after the date of receipt of its 501(c)(3) classification. Eligible improvements include interior and exterior accessibility alterations and must comply with the most recent Department of Justice ADA Standards and Guidelines and locally adopted building codes. Additional criteria and an application will be developed.

Downtown ADA Assistance Program (page 260) - This project (\$155,000) provides assistance to residents and businesses to ensure facilities in the Downtown Urban Renewal Area are fully accessible and inclusive to all persons regardless of abilities. This includes parking lots, retail and wholesale stores, restaurants, cafés, taverns, gas stations, public buildings, lodging, schools, parks, and entertainment venues. The program is designed to assist businesses with the cost of becoming ADA compliant. Qualified applicants can receive up to 50% of the cost of the project from the City of Dubuque, at a maximum amount of \$5,000 per property.

Greater Downtown Urban Renewal District Incentive & Rehabilitation Program (page 265) - This program (\$2,040,000) would encourage investment in areas like Central Avenue, the Bluff / West Locust neighborhood, and other areas of downtown that offer housing many would believe to be inferior to the new units created in the Millwork District and Lower Main area. As the areas that have received more investment become choice housing for those working in downtown, it is important to incentive development and investment in the other areas as to minimize the disparity between the neighborhoods. This program would fill a gap in the City's current housing programs, and has been requested by developers, financial consultants, and lenders.

Washington Neighborhood Facade Program (page 268) - This program (\$552,447) provides low interest loans for rehabilitation and adaptive reuse for buildings and grants for planning/design costs and facade improvements in the Downtown Washington Neighborhood.

Downtown Rehab Grant Program (page 272) – This program (\$448,356) provides grant funding for the rehabilitation of commercial or multi-family property in the Greater Downtown Urban Renewal District. The Facade Grant Program provides 1:1 matching grants not to exceed \$10,000 in grant funds per project for front or rear facade renovations designed to eliminate inappropriate additions or alterations and restore the facade to its historic appearance or to rehabilitate the facade to include new windows, paint, signage, awnings, etc. to improve overall appearance. Landscaping or screening with fencing or retaining walls may also be allowed, especially as it may improve property adjacent to the right-of-way. The Planning and Design Grant Program provides 1:1 matching grants not to exceed \$10,000 in grant funds per project to offset the actual pre-development costs incurred prior to a Rehabilitation project. Reimbursement would be allowed for architectural and engineering fees, feasibility studies, environmental assessments or other related soft costs, but not owner/developer fees, incurred in the development of the project. The Financial Consultant Grant Program provides 1:1 matching grants not to exceed \$15,000 in grant funds per project to offset the actual cost of hiring a financial consultant used to analyze the feasibility of the projects that generally apply for historic tax credits. Additionally, there are several other property owners and developers that have expressed an interest in utilizing the program to fund projects. The Downtown Rehabilitation Facade Grant program receives the most inquiries and interest out of all

programs provided by the Economic Development Department. This program has helped promote great successes in the redevelopment of the downtown. In order to meet the demand for this program, and maintain the historic appeal of downtown, additional funds have been requested for this program.

Central Avenue Corridor Initiative (page 272) - This project (\$320,000) provides for targeted community engagement opportunities with residents, businesses, non-profits and city staff in the Central Ave Corridor and Washington Neighborhood to set the stage for community design processes. This phase will utilize the work and findings from past engagement and planning projects and further develop future plans.

Central Avenue Streetscape Master Plan Implementation (page 273) - This project (\$240,000) provides for the implementation of priority actions in the Central Avenue Streetscape Master Plan. The funds allocated would be used to support infrastructure and streetscaping priority improvements justified in the master plan. The Central Avenue corridor is part of the Washington Neighborhood Revitalization Plan and includes the area between Central Avenue between 11th and 22nd streets. Included in this strategy is the redevelopment and reinvestment in residential and commercial areas in the neighborhood. Some public infrastructure improvements have already been initiated and the Central Avenue corridor is beginning to see private investment in building improvements and business location.

Historic Millwork Master Plan Update (page 274) - This project (\$50,000) provides funding for the update of the Historic Millwork District Master Plan that was adopted by the City Council on February 16, 2009. The adopted Historic Millwork District Master Plan offered a vision for community reconnected with surrounding neighborhoods, re-energized with housing, retail, offices, galleries, entertainment, and employment, and re-imagined as a laboratory for sustainable practices and technologies. The Plan includes green streets, new development blocks, improved connections between the Millwork District, the Port of Dubuque and Downtown, reprogrammed streets, a signature public open space, coordinated parking strategy, and a mix of uses. The update of the Historic Millwork District Master Plan will address the transportation and parking needs and uses within the Millwork District. This is a requirement of the Dupaco development agreement.

East 12th and Elm Street Parking Lot Construction (page 283) - This project (\$589,000) provides for the construction of a 73 stall parking lot at East 12th and Elm Street (Lot 1 Millwork Parking District). The parking lot design includes a code blue emergency phone, landscaping, environmental remediation and construction of the parking lot. The cost per parking stall would be approximately \$8,070 per stall for this proposed site.

Locust/Iowa Street Parking Ramp Repairs and Additional Parking Possibilities (page 284) - This project (\$20,000,000) provides for a FY 2024 replacement study which will include sizing, design, and site selection of a new facility to be built when needed. The Locust Street Parking Ramp is reaching the end of its useful life.

Washington Neighborhood Home Purchase Program (page 295) - This project (\$250,000) supports and encourages homeownership in the Washington Neighborhood. The program operates under the oversight of the Housing Trust Fund Committee and is capitalized by annual grants received from the Iowa Finance Authority (IFA). IFA requires a match for the program and the City provides IFA Trust Match of \$50,000 from the Greater Downtown TIF (GDTIF). The primary purpose is to complement housing assistance provided through the CDBG program by providing loans to low-to-mod income homeowners and buyers in the Washington Neighborhood and for households earning less than 30% MI are eligible to purchase any property within the City limits.

Washington Neighborhood Housing Initiative (page 305) - This project (\$150,000) funds a housing initiative for the Washington Neighborhood. This program is a partnership between Community Housing Initiatives, Inc. (CHI) and the City of Dubuque intended to increase the rate of home ownership and achieve a greater diversity of mixed household incomes. Forty (40) single family homes will be acquired and rehabilitated and resold over a four year period. Impact will be maximized by clustering acquisitions of homes.

Downtown Urban Renewal Area Non-Profit Weatherization Improvements Assistance (page 310) - This project (\$500,000) provides funding for matching grants to assist non-profits in the Greater Downtown TIF area to make energy efficiency improvements to their buildings, including weatherization measures, HVAC system upgrades, and other work to decrease their utility bills. This reduction in annual operating costs will allow non-profits to invest more funds in achieving their organization's mission. Energy efficiency improvements not only result in financial savings to the organization but will also help to meet the 50% by 2030 Community Climate Action & Resiliency Plan goals approved by City Council in 2013. The program builds on the success of the Energy Efficiency Revolving Loan Fund (EELF) that is currently available to private businesses, which was created using funds the City received from the 2009 American Recovery & Reinvestment Act, and the Grants to Green program, a Community Foundation of Greater Dubuque program which invested over \$1.2 million in energy efficiency projects for non-profits. Ongoing community conversations have demonstrated a continued need to fill the gap between available utility rebates and the amount non-profits are able to pay for energy efficiency improvements. Similar to the existing EELF, non-profits may be able use funds for renewable energy installation, if all reasonable efficiency improvements have been made, in order to further reduce their utility costs and reduce their negative environmental impact. Additional criteria and an application will be developed.

North Cascade Housing TIF District

In FY 2014 the City created the first housing TIF district in the Timber Hyrst subdivision off of North Cascade Road. This is a ten year TIF which requires at least 37.9% (38.1% prior to FY 2019) of the income generated to be used for Low and Moderate Income residents anywhere in the City of Dubuque. The percentage to Low and Moderate Income residents can be higher than the required 37.9%. The LMI Housing TIF revenue can be used for City initiatives other than the Homeownership Grants in Targeted Neighborhoods & Purchase/Rehab/Resale and can be used outside the Greater Downtown TIF Area.

22nd Street/Kaufmann Avenue Stormwater (page 181) - This project (\$50,000) provides lead service line replacement assistance to homeowners along 22nd Street from Elm Street to the west across Central Avenue and up Kaufmann Avenue towards Kane street.

North Cascade Road Reconstruction (page 209) - This project (\$625,000) provides for reconstruction of North Cascade Road between the bridge over Catfish Creek to the future intersection of North Cascade Road and the Southwest Arterial. The project will be developed into 2 phases; Phase 1 (2019) - from Catfish Creek bridge to Edval Lane; and Phase 2 (2021) - from Edval Lane to Southwest Arterial. The current 24-foot roadway will be widened to accommodate a 35-foot urban "complete street" section with 5-foot paved shoulders / bike lanes on each side. The existing curves on North Cascade Road are substandard and will be realigned to improve safety and allow for better sight distance. The project will require the purchase of right-of-way property to accommodate the new roadway width and larger curves. Watermain will be extended along the North Cascade Road corridor to serve the Timber Hyrst subdivision and future development along the Southwest Arterial Corridor.

Assistance for Homeownership (page 289) - This project (\$1,395,003) provides for acquisition activities where the City may purchase abandoned, derelict buildings and houses; or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities or other housing to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwellings are resold to responsible owners and City dollars are returned to the revolving fund.

True North Neighborhood Reinvestment Partnership (page 293) - This project (\$1,500,000) provides funding to achieve the goal of promoting a broader income mix of downtown homeowners. This Program also provides for acquisition activities where True North Development Corporation may purchase abandoned, derelict buildings and houses to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved and dwellings are resold to responsible owners. Certain properties are targeted to be voluntarily acquired, for reason of poor maintenance and the inability or refusal of the owner to make improvements. These are then rehabilitated and resold to qualifying owner-occupied households. This is a ten year TIF which state law requires a minimum of 38.1% of the income generated to be used for Low and Moderate Income residents anywhere in the City of Dubuque. The percentage benefiting Low and Moderate Income residents can be higher than the required 38.1%. In FY 2019 the percentage is 51.1%. It is anticipated that True North Development Corporation will acquire, renovate and sell for long-term home ownership 50 residential properties over the next 5-7 years with an estimated \$30,000 construction subsidy per property. The City would ensure True North Development Corporation that they would not experience a loss upon sale of the property and through the Assistance for Home Ownership CIP the City would provide \$25,000 in down payment assistance to qualified buyers of the rehabilitated property from Assistance for Homeownership (page 289). True North Development Corporation would be seeking private financing and state and federal grants to eliminate the need in the future to generate project losses.

English Ridge Housing TIF District

In FY 2015 the City created a housing TIF district in the English Ridge subdivision off of Stone Valley Drive. This is a ten year TIF which requires at least 37.9% (38.1% prior to FY 2019) of the income generated to be used for Low and Moderate Income residents anywhere in the City of Dubuque. The percentage to Low and Moderate Income residents can be higher than the required 37.9%. The LMI Housing TIF revenue can be used for City initiatives other than the Homeownership Grants in Targeted Neighborhoods & Purchase/Rehab/Resale and can be used outside the Greater Downtown TIF Area.

Assistance for Homeownership (page 289) - This project (\$999,895) provides for acquisition activities where the City may purchase abandoned, derelict buildings and houses; or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities or other housing to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwellings are resold to responsible owners and City dollars are returned to the revolving fund.

South Pointe Housing TIF District

In FY 2017 the City created a housing TIF district in the South Pointe subdivision off of Highway 151 South. This is a ten year TIF which requires at least 37.9% (38.1% prior to FY 2019) of the income generated to be used for Low and Moderate Income residents anywhere in the City of Dubuque. The percentage to Low and Moderate Income residents can be higher than the required 37.9%. The LMI Housing TIF revenue can be

used for City initiatives other than the Homeownership Grants in Targeted Neighborhoods & Purchase/Rehab/Resale and can be used outside the Greater Downtown TIF Area.

Assistance for Homeownership (page 289) - This project (\$942,361) provides for acquisition activities where the City may purchase abandoned, derelict buildings and houses; or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities or other housing to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwellings are resold to responsible owners and City dollars are returned to the revolving fund.

Rustic Point Housing TIF District

In FY 2017 the City created a housing TIF district in the Rustic Point subdivision off of Derby Grange Road. This is a ten year TIF which requires at least 37.9% (38.1% prior to FY 2019) of the income generated to be used for Low and Moderate Income residents anywhere in the City of Dubuque. The percentage to Low and Moderate Income residents can be higher than the required 37.9%. The LMI Housing TIF revenue can be used for City initiatives other than the Homeownership Grants in Targeted Neighborhoods & Purchase/Rehab/Resale and can be used outside the Greater Downtown TIF Area.

Assistance for Homeownership (page 289) - This project (\$98,793) provides for acquisition activities where the City may purchase abandoned, derelict buildings and houses; or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities or other housing to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwellings are resold to responsible owners and City dollars are returned to the revolving fund.

MISCELLANEOUS SOURCES

Private Participation (0.66% of Total CIP)

Private contributions represents the non-City share of the cost of several projects including private participation, fund raising, loans, grants and future resource allocation of City funds. Private participation funds included in the five year CIP include; contribution from the Diamond Jo Casino for the Port of Dubuque Parking Ramp for maintenance as required by the development agreement (\$351,000); County contribution for Fire Hazmat Truck Replacement (\$119,583) and multi-function copier at the Dubuque Law Enforcement Center (\$6,612); Viking Cruises contribution for the Riverfront Dock Expansion (\$875,000); and Lead Based Paint Hazard Control education and training fees (\$37,500).

Special Assessments (0.53% of Total CIP)

Special Assessments represent that portion of street and sanitary sewer improvement projects anticipated to be assessed to benefiting property owners. The \$324,524 amount breaks down: (a) \$154,524 for sanitary sewer special assessments, (b) \$150,000 for sidewalk lien special assessments, and (c) \$720,000 for street reconstruction assessments.

Cable TV (0.00% of Total CIP)

It is anticipated that Cable TV funds will be used in the five-year CIP of \$9,210 for computer replacements.

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PAGE
FIRE DEPARTMENT									
Public Safety									
	Ladder Truck & Pumper Replacement	Dubuque County, G.O. Debt, DRA Distribution	\$ 350,000	\$ 408,000	\$ 1,557,550	\$ —	\$ 405,200	\$ 2,720,750	1
	HVAC Replacement - Fire Headquarters	G.O. Debt (Sales Tax Fund 20%)	\$ 80,000	\$ 168,924	\$ 344,605	\$ —	\$ —	\$ 593,529	2
	Mechanical & Electrical Systems Implementation	Sales Tax Fund (20%)	\$ —	\$ 26,010	\$ 26,010	\$ 26,010	\$ 26,010	\$ 104,040	3
	Fire Station Expansion/Relocation	Sales Tax Fund (20%)	\$ —	\$ —	\$ 40,000	\$ 806,000	\$ 3,131,400	\$ 3,977,400	4
	Ambulance Replacement	DRA Distribution	\$ —	\$ —	\$ —	\$ 257,251	\$ 262,396	\$ 519,647	6
LEISURE SERVICES									
PARK DIVISION									
Culture and Recreation									
	Park Development								
	Eagle Valley Park	CDBG Grant	\$ 30,530	\$ 87,700	\$ —	\$ —	\$ —	\$ 118,230	7
	Avon Park								
	Replace Play Unit	DRA Distribution	\$ —	\$ —	\$ 97,500	\$ —	\$ —	\$ 97,500	8
	Eagle Point Park								
	Replace Roof on Bridge Complex	DRA Distribution, Sales Tax Fund (20%)	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ 120,000	9
	Repair Retaining Wall	DRA Distribution	\$ —	\$ 75,000	\$ —	\$ —	\$ —	\$ 75,000	10
	Concrete Improvements	DRA Distribution	\$ —	\$ 60,000	\$ —	\$ 30,000	\$ 30,000	\$ 120,000	11
	Stone Work	DRA Distribution	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 150,000	12
	Renovate Log Cabin Pavilion	DRA Distribution	\$ —	\$ —	\$ 71,000	\$ 40,000	\$ —	\$ 111,000	13
	Street Light Replacement	DRA Distribution	\$ —	\$ —	\$ 40,000	\$ 40,000	\$ —	\$ 80,000	14
	Riverfront Pavilion Restoration	DRA Distribution	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 5,000	15
	Replace Water Lines	DRA Distribution	\$ —	\$ —	\$ —	\$ 110,000	\$ 100,000	\$ 210,000	16
	Replace Roof on Terrace Room	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 24,000	\$ 24,000	17
	Flora Park								
	Pave Wilbright, Pool, Tennis Court, and Slattery Center Parking Lots	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	18
	Gay Park								
	Replace Play Unit	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 90,000	\$ —	\$ 90,000	19

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PAGE
LEISURE SERVICES									
PARK DIVISION									
Culture and Recreation									
	Ham House								
	Replace Roof	DRA Distribution	\$ —	\$ —	\$ —	\$ 75,000	\$ —	\$ 75,000	20
	Jackson Park								
	Construct Rest Rooms	GDTIF G.O. Debt	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ 250,000	21
	Amenities Improvement	GDTIF G.O. Debt	\$ —	\$ 250,000	\$ 60,000	\$ —	\$ —	\$ 310,000	22
	Jefferson Park								
	Retaining Wall Replacement	DRA Distribution	\$ —	\$ —	\$ —	\$ 332,000	\$ —	\$ 332,000	23
	Madison Park								
	Replace Play Unit	DRA Distribution	\$ —	\$ —	\$ —	\$ 82,500	\$ —	\$ 82,500	24
	Murphy Park								
	Replace Play Unit	DRA Distribution	\$ 62,125	\$ 94,375	\$ —	\$ —	\$ —	\$ 156,500	25
	Replace Water Lines	DRA Distribution	\$ —	\$ —	\$ 10,000	\$ 100,000	\$ 50,000	\$ 160,000	26
	Replace Roof on Rest Room Building by the Tennis Courts	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 15,000	\$ 15,000	27
	Storybook Zoo								
	Playground Replacement	DRA Distribution	\$ —	\$ —	\$ —	\$ 124,000	\$ —	\$ 124,000	28
	Town Clock Plaza	GDTIF G.O. Debt							
	Plaza Rehabilitation	General Obligation Debt	\$ 33,000	\$ 67,000	\$ —	\$ —	\$ —	\$ 100,000	29
	General Park Maintenance								
	All Parks - Replace Security Lights	DRA Distribution	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 85,000	30
	All Parks - Renovate Water Systems	Sales Tax Fund (20%)	\$ —	\$ 7,000	\$ —	\$ 20,000	\$ 25,000	\$ 52,000	31
	All Parks - Cameras/Code Blue Phones	DRA Distribution	\$ 17,239	\$ 15,811	\$ 16,167	\$ 17,000	\$ 17,000	\$ 83,217	32
	Street Tree Program	Sales Tax Fund (20%)	\$ 5,000	\$ 4,600	\$ 30,115	\$ 33,500	\$ 30,112	\$ 103,327	33
	Retaining Walls	DRA Distribution	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 15,000	34
	Re-landscape Locust Street Connector	DRA Distribution	\$ —	\$ 30,000	\$ —	\$ —	\$ —	\$ 30,000	35
	Highway 20 - Irrigation	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ 25,000	36

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CIVIC CENTER DIVISION									
Culture and Recreation									
Operations									
	Elevator Upgrades	DRA Distribution	\$ 12,000	\$ —	\$ —	\$ —	\$ 180,000	\$ 192,000	37
	Exterior Brick Wall Replacement	DRA Distribution	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ 50,000	38
	Accessibility Building Modifications	DRA Distribution	\$ —	\$ —	\$ 25,000	\$ —	\$ 200,000	\$ 225,000	39
Concessions									
	Digital Menu Boards and Directional Signage	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ 25,000	40
Arena									
	Arena Air Conditioner Replacement	GDTIF G.O. Debt	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ 225,000	41
	Arena Concert Audio Reinforcement	DRA Distribution	\$ —	\$ —	\$ —	\$ 200,000	\$ —	\$ 200,000	42
	Arena Air Wall Replacement	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ 255,000	43
	Arena Concert Sound Equipment	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ 255,000	44
	Arena Roof	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 395,000	\$ 395,000	45
	Arena Stage Deck Replacement	DRA Distribution	\$ —	\$ —	\$ 255,000	\$ —	\$ —	\$ 255,000	46
	Five Flags Building Improvements	GDTIF G.O. Debt, GDTIF	\$ —	\$ —	\$ —	\$ —	\$ 6,000,000	\$ 6,000,000	47
RECREATION DIVISION									
Culture and Recreation									
Swimming Pools									
	Flora and Sutton Pools Annual Maintenance	DRA Distribution	\$ 25,000	\$ 70,000	\$ —	\$ 135,000	\$ —	\$ 230,000	48
	Flora Pool Replace Playground Surface	DRA Distribution	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ 60,000	49
Bunker Hill Golf Course									
	Bunker Hill Golf Course - Construct Cart Paths	Golf Fees	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ 20,000	50
	Bunker Hill Golf Course - Tee Improvements	Golf Fees	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ 20,000	51
	Bunker Hill Golf Course - Replace Irrigation System	DRA Distribution	\$ 200,000	\$ 54,132	\$ —	\$ —	\$ —	\$ 254,132	52

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PAGE
CONFERENCE CENTER									
General Government									
	Paint Exterior Metal	Sales Tax Fund (20%), DRA Distribution	\$ 99,000	\$ —	\$ —	\$ —	\$ —	\$ 99,000	53
	Replace Carpet	GDTIF G.O. Debt	\$ 88,000	\$ —	\$ —	\$ 100,000	\$ 120,000	\$ 308,000	54
	Paint Interior Rooms and Areas	Sales Tax Fund (20%)	\$ 40,000	\$ —	\$ —	\$ —	\$ 20,000	\$ 60,000	55
	Replace Patio Caulk	DRA Distribution	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ 25,000	56
	Replace Table, Chairs, and Podiums	Sales Tax Fund (20%), DRA Distribution	\$ 15,000	\$ —	\$ —	\$ 300,000	\$ —	\$ 315,000	57
	Landscape Renovations	DRA Distribution	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ 15,000	58
	Sound Control System Upgrade	Sales Tax Fund (20%)	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ 13,000	59
	Replace Bathroom Sink Light Fixtures	DRA Distribution	\$ 11,500	\$ —	\$ —	\$ —	\$ —	\$ 11,500	60
	Energy Efficiency Improvements	Sales Tax Fund (20%)	\$ —	\$ 52,000	\$ 21,000	\$ —	\$ —	\$ 73,000	61
	Market Study and Facility Assessment	Greater Downtown TIF	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ 65,000	62
	Concrete Restoration	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000	63
	Repaint Exhibit Hall Airwalls	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ 40,000	64
	Replace Fabric Wall Covering	DRA Distribution	\$ —	\$ —	\$ —	\$ 35,000	\$ 120,000	\$ 155,000	65
	Replace Exterior Building Sign	DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ 40,000	66
LIBRARY									
Culture and Recreation									
	Replace Water Lines	DRA Distribution	\$ 142,200	\$ —	\$ —	\$ —	\$ —	\$ 142,200	67
	Replace Roof on Library Addition	Sales Tax Fund (20%)	\$ 120,029	\$ —	\$ —	\$ —	\$ —	\$ 120,029	69
	Circulating Pumps for HVAC System	Sales Tax Fund (20%)	\$ 37,408	\$ —	\$ —	\$ —	\$ —	\$ 37,408	70
WATER DEPARTMENT									
Business Type									
	Water Meter Replacement Program	Water Construction Fund	\$ 79,845	\$ 150,265	\$ 153,370	\$ 56,412	\$ 159,580	\$ 599,472	71
	Manhole Replacement Rehab	Water Construction Fund	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	\$ 50,000	72

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WATER DEPARTMENT									
Business Type									
	Water Main Upgrades during Street General Repairs	Water Construction Fund	\$ —	\$ —	\$ 20,000	\$ —	\$ 25,000	\$ 45,000	73
	Maintenance of Public Water Mains during Stone Retaining Wall Repair	Water Construction Fund	\$ —	\$ 20,000	\$ —	\$ 22,550	\$ —	\$ 42,550	74
	Fire Hydrant Assembly Relocation/ Replacement for the Sidewalk Program	Water Construction Fund	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,400	\$ 100,400	75
	Cottingham Road Water Main	Water Construction Fund	\$ 1,085,937	\$ —	\$ —	\$ —	\$ —	\$ 1,085,937	76
	Southwest Arterial Water Main Extension	Water Construction Fund	\$ 855,000	\$ —	\$ —	\$ —	\$ —	\$ 855,000	77
	SCADA & Communications Infrastructure	Water Construction Fund	\$ 505,000	\$ 325,000	\$ —	\$ —	\$ —	\$ 830,000	79
	North Cascade Road Water Main Extension	Water Construction Fund	\$ 804,100	\$ —	\$ —	\$ —	\$ —	\$ 804,100	81
	Water Main Replacements - Streets	Water Construction Fund	\$ 209,000	\$ 206,000	\$ —	\$ —	\$ —	\$ 415,000	82
	Water Main Replacements - Sewer Consent Decree	Water Construction Fund	\$ 122,500	\$ —	\$ —	\$ —	\$ —	\$ 122,500	83
	Public Lead Line Water Replacement	Water Construction Fund	\$ 61,833	\$ 122,470	\$ 84,500	\$ —	\$ —	\$ 268,803	85
	Water Line Extensions to New Developments	Water Construction Fund	\$ —	\$ 307,500	\$ 650,000	\$ —	\$ —	\$ 957,500	86
	Wells, Well Field, and Raw Transmission Piping Repair	Water Construction Fund	\$ —	\$ 227,000	\$ —	\$ —	\$ 102,500	\$ 329,500	87
	Chesterfield Drive Water Main	Water Construction Fund	\$ 15,000	\$ 301,500	\$ —	\$ —	\$ —	\$ 316,500	88
	Water Source & Hydraulic Model: Master Plan	Water Construction Fund	\$ —	\$ 115,000	\$ 25,000	\$ —	\$ 25,000	\$ 165,000	89
	Water Storage Tank Coating Program	Water Construction Fund	\$ —	\$ —	\$ 150,000	\$ 1,350,000	\$ 100,000	\$ 1,600,000	90
	Old Davenport Road Water Main Extension	Water Construction Fund	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	91
	Tamarak Park Frontage Road Water Main	Water Construction Fund	\$ —	\$ —	\$ —	\$ 65,000	\$ 600,000	\$ 665,000	92
	West End Annexation Phase II	Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 200,250	\$ 200,250	93
	West End Annexation Phase I	Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 70,000	\$ 70,000	94
	Creek Crossing Restoration	Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 35,000	\$ 35,000	95

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WATER & RESOURCE RECOVERY CENTER									
Business Type									
	Final Clarifier Drive Pier Realignment and Drive Repair	Sanitary Sewer Construction Fund, State Revolving Fund Loan	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ —	\$ 520,000	96
	Catfish Lift Station Spare Pump	Sanitary Sewer Construction Fund	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ 55,000	97
	Lift Station SCADA Upgrades	Sanitary Sewer Construction Fund	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 250,000	98
	Camera System Upgrade	Sanitary Sewer Construction Fund	\$ 45,900	\$ —	\$ —	\$ —	\$ —	\$ 45,900	99
	High-Strength Waste Receiving & Storage	State Revolving Fund Loan	\$ —	\$ —	\$ 522,155	\$ 961,795	\$ —	\$ 1,483,950	100
	Nitrogen Reduction	Sanitary Sewer Construction Fund, State Revolving Fund Loan	\$ —	\$ —	\$ 70,000	\$ 98,000	\$ 1,092,000	\$ 1,260,000	101
	UV Disinfection System Modifications	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 10,000	\$ 225,000	\$ 235,000	102
	Side-Stream Phosphorous Removal	State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ 300,000	103
AIRPORT									
Public Works									
	North Apron Reconstruction	FAA Discretionary Funds, Airport Construction Funds	\$ 5,000,000	\$ —	\$ —	\$ —	\$ —	\$ 5,000,000	104
	Rehabilitate Runway Lighting	FAA Discretionary Funds, FAA Entitlement, General Obligation Debt	\$ 1,564,000	\$ —	\$ —	\$ —	\$ —	\$ 1,564,000	105
	Update Airport Layout Plan and GIS	FAA Discretionary Funds, DRA Distribution	\$ 559,930	\$ —	\$ —	\$ —	\$ —	\$ 559,930	106
	Replace Snow Removal Equipment (SRE)	FAA Entitlement, Sales Tax Fund (20%)	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ 230,000	107
	Relocate D-Marc to New Terminal/Deconstruct Old Terminal	DRA Distribution	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ 190,000	108
	Terminal Automated Vehicle Wash Facility	CSVI Funds, CFC Funds	\$ 72,750	\$ 485,000	\$ —	\$ —	\$ —	\$ 557,750	109
	Rehabilitate Taxiway A	FAA Discretionary Funds, FAA Entitlement, Sales Tax Fund (20%)	\$ —	\$ 350,000	\$ 4,750,000	\$ 5,250,000	\$ 2,500,000	\$ 12,850,000	110
	Terminal Entrance Sign and Regrading	G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ 216,138	\$ —	\$ —	\$ —	\$ 216,138	111
	Aviation Fueling Facilities NFPA Update	DRA Distribution	\$ —	\$ 54,050	\$ —	\$ —	\$ —	\$ 54,050	112

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AIRPORT									
Public Works									
	Pavement Condition Index (PCI)	FAA Entitlement, DRA Distribution	\$ —	\$ 50,200	\$ —	\$ —	\$ 53,272	\$ 103,472	113
	Asphalt Pavement Repair	DRA Distribution	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ 150,000	114
	Perimeter Fence Improvements	Sales Tax Fund (20%)	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ 10,000	115
	Corporate Hangar Facilities Repair/Replacement	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ 20,000	116
	Storm Drain Improvements	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ 20,000	117
PUBLIC WORKS									
Public Works									
	Asphalt Milling Program	Sales Tax Fund (30%)	\$ 80,000	\$ 82,500	\$ 84,562	\$ 86,676	\$ 88,843	\$ 422,581	118
	Curb Ramp Program	Sales Tax Fund (30%), Road Use Tax	\$ 420,304	\$ 428,710	\$ 437,284	\$ 446,030	\$ 446,030	\$ 2,178,358	119
	Floodwall Post-Flood Repair Program	Sales Tax Fund (30%)	\$ 81,500	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 176,500	120
	Wayfinding Signs Replacement	Sales Tax Fund (30%)	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ —	\$ 50,000	121
	Curb Replacement Program	Sales Tax Fund (30%)	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 125,000	122
	Steps, Hand Railings and Wall-Top Fencing	Sales Tax Fund (30%)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 65,000	123
	Street Sign and Post Replacement	Sales Tax Fund (30%)	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 60,000	124
	Concrete Street Section Repair Program	Sales Tax Fund (30%)	\$ 25,000	\$ —	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000	125
	56,000 Gross Vehicle Weight (GVW) Dump Truck Replacement	Sales Tax Fund (30%)	\$ 320,930	\$ —	\$ —	\$ —	\$ 427,384	\$ 748,314	126
	Jule Building Conversion	Sales Tax Fund (30%)	\$ 48,000	\$ —	\$ —	\$ —	\$ —	\$ 48,000	127
	Municipal Services Air Quality Detection	General Fund	\$ 32,000	\$ —	\$ —	\$ —	\$ —	\$ 32,000	128
	Vacuum Street Sweeper Replacement	Sales Tax Fund (30%)	\$ —	\$ 210,000	\$ —	\$ 214,200	\$ —	\$ 424,200	129
	35,000 GVW Dump Truck Replacement	Sales Tax Fund (30%)	\$ —	\$ —	\$ 381,404	\$ —	\$ 816,424	\$ 1,197,828	130
	Aerial Bucket Truck Replacement	Sales Tax Fund (30%)	\$ 173,791	\$ —	\$ —	\$ —	\$ —	\$ 173,791	131
	Hawthorne Street Boat Ramp Repair	Sales Tax Fund (30%)	\$ 41,410	\$ 333,300	\$ —	\$ —	\$ —	\$ 374,710	132
	Wheel Loader Purchase	Sales Tax Fund (30%)	\$ —	\$ 206,350	\$ —	\$ —	\$ —	\$ 206,350	133

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PUBLIC WORKS									
Public Works									
	Municipal Service Center CNG Retrofit	DRA Distribution	\$ —	\$ —	\$ 27,163	\$ 323,886	\$ —	\$ 351,049	134
Business Type									
	Cab-Over Solid Waste Vehicles	Refuse Collection Fund	\$ 490,000	\$ 676,260	\$ 608,628	\$ 620,800	\$ 627,314	\$ 3,023,002	135
	Sanitary Sewer Root Foaming	Sanitary Sewer Construction Fund	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000	136
	High Pressure Sewer Jet Cleaner		\$ —	\$ —	\$ —	\$ —	\$ 210,000	\$ 210,000	137
	Flood Control Levee Repair	Stormwater Construction Fund	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000	138
	Flood Control Units	Stormwater Construction Fund	\$ —	\$ —	\$ 386,000	\$ —	\$ —	\$ 386,000	139
	Hard Surface Deep Cleaning Self-Propelled Unit	Stormwater Construction Fund	\$ —	\$ 166,100	\$ —	\$ —	\$ —	\$ 166,100	140
	Asset Management System	Stormwater Construction Fund	\$ 81,206	\$ —	\$ —	\$ —	\$ —	\$ 81,206	141
	Ice Harbor Concrete Abutment Repair	Stormwater Construction Fund	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ 190,000	142
	Ice Harbor Gate Fender Replacement	Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ 145,000	\$ —	\$ 145,000	143
ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
General									
	Sanitary Sewer Extensions to New Developments	Sanitary Sewer Construction Fund	\$ 34,822	\$ 13,275	\$ 33,866	\$ 59,145	\$ 174,473	\$ 315,581	144
	Sanitary Sewer Extensions to Existing Developments	Sanitary Sewer Construction Fund, Special Assessments, State Revolving Fund Loan	\$ —	\$ 600,000	\$ 1,200,000	\$ —	\$ 386,310	\$ 2,186,310	145
	Twin Ridge Subdivision -Lagoon Abandonment	State Revolving Fund Loan	\$ —	\$ —	\$ 465,000	\$ —	\$ —	\$ 465,000	146
	Sanitary Sewer Extensions - Existing Development, Pre-annexation and Annexation Agreements	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ 233,500	\$ —	\$ —	\$ 233,500	147
	Sewer Utility Master Plan	Sanitary Sewer Construction Fund, State Revolving Fund Loan	\$ 164,000	\$ 237,000	\$ 121,000	\$ —	\$ —	\$ 522,000	148
	CCTV Inspection, Cleaning, and Assessment	Sanitary Sewer Construction Fund, State Revolving Fund Loan	\$ 75,000	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 900,000	149

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ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
	Reconstruction								
	Southfork Interceptor Sewer	State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ 34,181	\$ 533,819	\$ 568,000	150
	Knob Hill-Duggan Drive Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 149,310	\$ —	\$ 149,310	151
	Brunswick Sanitary Sewer	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 9,400	\$ 68,900	\$ 78,300	152
	Southgate Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 13,300	\$ 98,100	\$ 111,400	153
	King Street Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 11,300	\$ 82,800	\$ 94,100	154
	Center Grove Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 7,300	\$ 60,000	\$ 67,300	155
	Wood Street Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ 15,000	\$ 95,000	\$ —	\$ —	\$ —	\$ 110,000	156
	Auburn & Custer Sanitary Sewer Reconstruction	State Revolving Fund Loan	\$ —	\$ 316,400	\$ —	\$ —	\$ —	\$ 316,400	157
	Grove Terrace Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ 110,000	\$ —	\$ —	\$ 110,000	158
	Heeb Street Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ 20,000	\$ 160,000	\$ —	\$ —	\$ —	\$ 180,000	159
	Hempstead Sanitary Sewer Reconstruction	State Revolving Fund Loan	\$ —	\$ 30,000	\$ 250,000	\$ —	\$ —	\$ 280,000	160
	Cooper Place and Maiden Lane Sanitary Sewer Reconstruction	State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ 30,000	\$ 300,000	\$ 330,000	161
	Abott & Cottage Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 20,000	\$ 200,000	\$ 220,000	162
	Harvard St Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 18,000	\$ 18,000	163
	Rehabilitation								
	Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements	State Revolving Fund Loan	\$ 243,000	\$ 1,251,000	\$ 1,940,000			\$ 3,434,000	164

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ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	State Revolving Loan Fund	\$ 153,000	\$ 750,000	\$ 1,416,000	\$ 2,260,000	\$ —	\$ 4,579,000	166
	Track Line Sanitary Cleaning and Lining	State Revolving Fund Loan	\$ 100,000	\$ 187,790	\$ —	\$ —	\$ —	\$ 287,790	168
	Sanitary Sewer Lining Program	G.O. Debt (Sanitary Abated)	\$ 27,500	\$ 62,500	\$ 70,000	\$ 170,000	\$ 170,000	\$ 500,000	169
	Manhole Replacement/Rehab Program	Sanitary Sewer Construction Fund	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 100,000	170
	Center Place Alley Sanitary Sewer Rehabilitation	State Revolving Fund Loan	\$ —	\$ 110,000	\$ 300,000	\$ —	\$ —	\$ 410,000	171
	Perry & Bradley Force Main and Lift Station Improvements	State Revolving Loan Fund	\$ —	\$ —	\$ —	\$ 260,000	\$ —	\$ 260,000	172
	Couler Valley Interceptor Inspection, Cleaning and Rehabilitation	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 85,000	\$ —	\$ 85,000	173
STORMWATER									
Business Type									
General Storm Sewer Projects									
	Stormwater Infiltration & Inflow Elimination Program	Stormwater Construction Fund	\$ 100,000	\$ 50,000	\$ 50,000	\$ 90,000	\$ 100,000	\$ 390,000	174
	Storm Sewer General Replacements	Stormwater Construction Fund	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 350,000	175
	Storm Sewer Improvements/Extensions	Stormwater Construction Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 64,946	\$ 304,946	176
	Catch Basin Reconstruction	Stormwater Construction Fund	\$ 53,000	\$ 53,000	\$ 53,000	\$ 53,060	\$ 54,122	\$ 266,182	177
	Draintile Program	Stormwater Construction Fund	\$ 20,000	\$ 20,400	\$ 20,810	\$ 21,224	\$ 21,649	\$ 104,083	178
	Storm Sewer Lining and Rehabilitation	Stormwater Construction Fund	\$ —	\$ 100,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ 350,000	179
								\$ —	
Bee Branch Watershed Projects									
	Bee Branch Creek RR Culverts	State Revolving Fund Loan, Federal Grant	\$13,817,473	\$ 8,629,100	\$ —	\$ —	\$ —	\$22,446,573	180
	22nd Street Storm Sewer Improvements	Federal Grant, State Sales Tax Increment	\$ 4,847,483	\$ —	\$ —	\$ —	\$ —	\$ 4,847,483	182
	17th Street Storm Sewer Improvements	Federal Grant, Sanitary Sewer Construction Fund, State Sales Tax Increment	\$ 2,886,037	\$ 384,418	\$ —	\$ —	\$ —	\$ 3,270,455	183
	Flood Control Maintenance Facility	State Flood Mitigation, Stormwater Construction Fund, State Sales Tax Increment	\$ —	\$ —	\$ —	\$ —	\$ 220,000	\$ 220,000	184

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ENGINEERING DEPARTMENT									
STORMWATER									
Business Type									
Specific Storm Sewer Projects									
	US HWY 20 Interchange Storm Sewer Improvements	Stormwater Construction Fund	\$ 325,000	\$ —	\$ —	\$ —	\$ —	\$ 325,000	185
	Landfill Access Road Storm Sewer	Stormwater Construction Fund	\$ 222,000	\$ —	\$ —	\$ —	\$ —	\$ 222,000	186
	University Ave Storm Sewer	Stormwater Construction Fund	\$ 25,000	\$ 150,000	\$ —	\$ —	\$ —	\$ 175,000	187
	Roosevelt Culvert Reconstruction	Stormwater Construction Fund	\$ 21,000	\$ —	\$ —	\$ —	\$ —	\$ 21,000	188
	Heeb Street Storm Sewer (Street Program)	Stormwater Construction Fund	\$ 5,000	\$ 25,000	\$ —	\$ —	\$ —	\$ 30,000	189
	Keokuk Storm Sewer Extension	Stormwater Construction Fund	\$ —	\$ —	\$ 44,600	\$ —	\$ —	\$ 44,600	190
	Copper Field Storm Sewer Extension Project	Stormwater Construction Fund	\$ —	\$ —	\$ 34,700	\$ —	\$ —	\$ 34,700	191
	Key Way Drive Outfall Project	Stormwater Construction Fund	\$ —	\$ —	\$ 30,100	\$ —	\$ —	\$ 30,100	192
	Pennsylvania Culvert Replacement	Stormwater Construction Fund	\$ —	\$ —	\$ 25,000	\$ 100,000	\$ —	\$ 125,000	193
	Windsor Street Storm Sewer Extension	Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ 80,500	\$ —	\$ 80,500	194
STREETS									
Public Works									
Street Related Improvements									
	Pavement Marking Project	Sales Tax Fund (30%), IDOT	\$ 135,000	\$ 85,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 625,000	195
	Street Construction General Repairs	Sales Tax Fund (30%)	\$ 83,000	\$ 80,000	\$ 91,911	\$ 100,000	\$ 110,000	\$ 464,911	196
	Guardrail Replacement	Sales Tax Fund (30%)	\$ 10,000	\$ —	\$ 15,000	\$ 10,000	\$ 12,000	\$ 47,000	197
	East - West Corridor Capacity Improvements	Road Use Tax, Fed DMATS Funding, State Grants (TSF), Greater Downtown TIF	\$ 4,450,000	\$ 150,000	\$ 4,150,000	\$ —	\$ —	\$ 8,750,000	198
	Chavenelle Rd Reconstruction	DICW TIF, Special Assessments	\$ —	\$ 3,000,000	\$ —	\$ —	\$ —	\$ 3,000,000	200
	Heeb Street Reconstruction	Sales Tax Fund (30%), Special Assessments, General Obligation Debt	\$ 50,000	\$ 250,000	\$ —	\$ —	\$ —	\$ 300,000	202
	Southwest Arterial Project	Sales Tax Fund (30%)	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	203
	Landfill Access Road	Sales Tax Fund (30%)	\$ 97,000	\$ —	\$ —	\$ —	\$ —	\$ 97,000	205

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ENGINEERING DEPARTMENT									
STREETS									
Public Works									
	2-Way Conversion Central & White	GDTIF G.O. Debt	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ 200,000	206
	7th Street Extension to Pine Street	Sales Tax Fund (30%), Greater Downtown TIF	\$ 88,400	\$ —	\$ —	\$ 70,000	\$ 800,000	\$ 958,400	207
	Pavement Preservation Program	Sales Tax Fund (30%)	\$ 32,984	\$ 49,016	\$ —	\$ —	\$ 13,000	\$ 95,000	208
	North Cascade Road Reconstruction	DMATS STP Funds, N Cascade Housing TIF	\$ —	\$ 1,497,200	\$ —	\$ —	\$ —	\$ 1,497,200	210
	JFK Road Resurfacing	Sales Tax 30%	\$ —	\$ 150,000	\$ —	\$ —	\$ —	\$ 150,000	212
	Pennsylvania & Radford Roundabout	DMATS STBG Funds	\$ —	\$ —	\$ —	\$ 1,100,000	\$ —	\$ 1,100,000	213
	Cedar Cross Rd Reconstruction	Road Use Tax, DMATS Funds, Special Assessments	\$ —	\$ —	\$ —	\$ 600,000	\$ 2,700,000	\$ 3,300,000	214
	Seippel Road Reconstruction	DICW TIF and DMATS	\$ —	\$ —	\$ —	\$ 280,000	\$ 1,119,725	\$ 1,399,725	215
Sidewalk Related									
	Sidewalk Inspection Program - Assessable	Special Assessments	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000	216
	Sidewalk Program - City-Owned Property	Sales Tax Fund (20%)	\$ 25,000	\$ —	\$ 40,000	\$ 40,000	\$ 7,979	\$ 112,979	217
	ADA Curb Ramp Construction	CDBG Grant	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 63,000	218
	Sidewalk Program Related Curb and Catch Basin Replacements	Sales Tax Fund (30%)	\$ 10,000	\$ 20,000	\$ 31,328	\$ 25,777	\$ —	\$ 87,105	219
	Crosswalk Warning Devices	Sales Tax Fund (30%), Road Use Tax	\$ —	\$ 32,000	\$ —	\$ —	\$ 32,000	\$ 64,000	220
Trails/General Maintenance									
	Stone Retaining Walls	Sales Tax Fund (30%)	\$ —	\$ 340,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 470,000	221
	Bridge Repairs/Maintenance	Sales Tax Fund (30%)	\$ 85,000	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 445,000	222
	Lead Service Line Replacement Assistance	CDBG Grant	\$ 30,000	\$ 5,000	\$ 5,000	\$ 30,000	\$ 30,000	\$ 100,000	223
	Bee Branch Trail 16th to 9th Street	State Grant, DRA Distribution, Federal Grant	\$ 597,000	\$ —	\$ 697,000	\$ —	\$ 244,000	\$ 1,538,000	224
	Complete Streets Elements	Sales Tax Fund (30%)	\$ —	\$ —	\$ 55,000	\$ —	\$ —	\$ 55,000	226

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ENGINEERING DEPARTMENT									
MISCELLANEOUS									
General Government									
	Federal Building Renovation	Greater Downtown TIF	\$ 102,700	\$ 391,800	\$ 329,300	\$ 601,734	\$ —	\$ 1,425,534	227
Public Works									
	Riverfront Dock Expansion	Greater Downtown TIF, Private Participant	\$ —	\$ 925,000	\$ 825,000	\$ —	\$ —	\$ 1,750,000	229
	Neighborhood Related Improvement	CDBG Grant	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000	231
	Riverfront Leasehold Improvements	Greater Downtown TIF	\$ 4,200	\$ 301,700	\$ 75,000	\$ —	\$ —	\$ 380,900	232
	ABC Supply Building Deconstruction	GDTIF G.O. Debt	\$ —	\$ 417,000	\$ —	\$ —	\$ —	\$ 417,000	233
	Port of Dubuque - Security Cameras	DRA Distribution	\$ —	\$ —	\$ 20,000	\$ —	\$ —	\$ 20,000	234
	Harbor Area Maintenance	Sales Tax Fund (20%)	\$ —	\$ —	\$ 10,000	\$ 11,894	\$ —	\$ 21,894	235
TRAFFIC									
Public Works									
	Street Light Replacement and New Installation	Sales Tax Fund (30%), Greater Downtown TIF	\$ —	\$ 37,000	\$ 138,200	\$ 145,200	\$ 180,000	\$ 500,400	236
	Signalization Program	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 400,000	238
	Traffic Signal Mastarm Retrofit	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 100,000	\$ 80,000	\$ 80,000	\$ 420,000	239
	Traffic Signal Interconnect Conduit Replacement	Sales Tax Fund (30%)	\$ 40,000	\$ 40,000	\$ 60,000	\$ 71,000	\$ 40,000	\$ 251,000	240
	Traffic Signal Controller Replacement	Sales Tax Fund (30%)	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 41,000	\$ 221,000	241
	Street Lighting and Traffic Signal Knockdown/Insurance	Insurance Reimbursements, Sales Tax Fund (30%)	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 150,000	242
	Street Camera Installation	Sales Tax Fund (30%)	\$ 75,000	\$ 82,476	\$ 130,775	\$ 101,887	\$ 105,000	\$ 495,138	243
	LED Re-lamp schedule	Sales Tax Fund (30%)	\$ 29,000	\$ —	\$ 30,000	\$ 30,000	\$ 29,000	\$ 118,000	244
	Traffic Signal Battery Backup Program	Sales Tax Fund (30%)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 100,000	245
	Traffic Signal Intersection Reconstruction	Sales Tax Fund (30%)	\$ 65,000	\$ 45,000	\$ 82,000	\$ 82,000	\$ 72,472	\$ 346,472	246
	Surge and Grounding Improvements at Signals City-Wide	Sales Tax Fund (30%)	\$ 15,000	\$ 14,756	\$ 29,000	\$ 10,000	\$ 10,000	\$ 78,756	247
	STREETS Traffic Control Project	Sales Tax Fund (30%)	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ —	\$ 200,000	248
	Traffic Signal Fiber Optics	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 90,000	\$ 100,000	\$ 100,000	\$ 450,000	249

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ENGINEERING DEPARTMENT									
TRAFFIC									
Public Works									
	ITS Traffic Control Equipment	Sales Tax Fund (30%)	\$ 17,000	\$ 17,000	\$ 17,000	\$ 17,000	\$ 34,000	\$ 102,000	250
	Traffic Signal Vehicle Detection Conversion	Sales Tax Fund (30%)	\$ 52,000	\$ 32,000	\$ 37,000	\$ 32,000	\$ 32,000	\$ 185,000	251
	Grandview Street Light Replacement	Sales Tax Fund (30%)	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 100,000	\$ 200,000	252
	INET Replacement Build Out	Sales Tax Fund (20%), Sales Tax Fund (30%), General Fund, Road Use Tax Fund	\$ 100,000	\$ 100,000	\$ 125,000	\$ 150,786	\$ 65,000	\$ 540,786	253
	Emergency Preemption Expansion and Upgrades	Sales Tax Fund (30%)	\$ 15,000	\$ —	\$ 15,000	\$ 15,000	\$ —	\$ 45,000	254
	Asbury Rd Signalization Reconstruction	Sales Tax Fund (30%)	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ 120,000	255
	Fiber Reel Trailer and Fiber Tools	Sales Tax Fund (30%)	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ 15,000	256
	Fiber Optic Conduit - Miscellaneous	Sales Tax Fund (30%)	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 210,000	257
	Fiber Infrastructure Management System	Sales Tax Fund (30%)	\$ 50,450	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 170,450	258
	West Locust Fiber Redundant Path	Sales Tax Fund (30%)	\$ 92,000	\$ —	\$ —	\$ —	\$ —	\$ 92,000	259
BUILDING SERVICES									
Public Safety									
	Downtown URD Non-Profit ADA Assistance	Greater Downtown TIF	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	260
	Downtown ADA Assistance	Greater Downtown TIF	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 135,000	261
	City Hall Boiler	Sales Tax Fund (20%)	\$ 67,260	\$ —	\$ —	\$ —	\$ —	\$ 67,260	262
	City Hall Annex Windows	Sales Tax Fund (20%)	\$ 48,548	\$ —	\$ —	\$ —	\$ —	\$ 48,548	263
	Carriage House Roof Replacement	Sales Tax Fund (20%)	\$ 22,475	\$ —	\$ —	\$ —	\$ —	\$ 22,475	264
	ADA Compliance Consultant	Sales Tax Fund (20%)	\$ —	\$ 30,000	\$ 48,000	\$ —	\$ —	\$ 78,000	265
ECONOMIC DEVELOPMENT									
Community and Economic Development									
	Greater Downtown Urban Renewal District Incentive & Rehab Program	Greater Downtown TIF	\$ 237,100	\$ 392,900	\$ 350,000	\$ 390,000	\$ 400,000	\$ 1,770,000	266

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ECONOMIC DEVELOPMENT									
Community and Economic Development									
	Workforce Development	General Fund, DICW (Land Sales)	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 1,550,000	267
	Washington Neighborhood Façade Program	Greater Downtown TIF	\$ 50,000	\$ 120,000	\$ 70,000	\$ 60,000	\$ 200,000	\$ 500,000	268
	Downtown Rehab Grant Program	Greater Downtown TIF	\$ 100,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 50,000	\$ 350,000	269
	Historic Preservation Revolving Loan	UDAG Loan Repayments	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 46,350	270
	Develop McFadden Property	DICW G.O. Debt	\$ —	\$ 2,616,995	\$ —	\$ —	\$ —	\$ 2,616,995	271
	Downtown Rehabilitation Loan Program	Greater Downtown TIF, Loan Repayments	\$ 300,000	\$ —	\$ —	\$ —	\$ 300,000	\$ 600,000	272
	Central Ave Corridor Initiative	GDTIF G.O. Debt	\$ —	\$ 240,000	\$ 40,000	\$ —	\$ —	\$ 280,000	273
	Central Avenue Streetscape Master Plan Implementation	Greater Downtown TIF	\$ 100,000	\$ 120,000	\$ 20,000	\$ —	\$ —	\$ 240,000	274
	Historic Millwork District Master Plan Update	Greater Downtown TIF	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000	275
	Dubuque Industrial Center South Signs	DICW TIF	\$ —	\$ —	\$ —	\$ 80,465	\$ —	\$ 80,465	276
	Dubuque Industrial Center Signs	DICW TIF	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000	277
TRANSPORTATION SERVICES DEPARTMENT									
Transit Division									
Business Type									
	Transit Vehicle Replacement	General Fund, General Obligation Debt, DRA Distribution, FTA Grant, Sales Tax 20%	\$ 2,312,092	\$ 794,824	\$ 560,276	\$ 383,182	\$ 100,000	\$ 4,150,374	278
	JFK Transfer Phase 2	State Grant, Sales Tax Fund (20%)	\$ 409,474	\$ —	\$ —	\$ —	\$ —	\$ 409,474	280
	Bus Stop Improvements	Sales Tax Fund (20%)	\$ —	\$ 37,870	\$ 17,072	\$ 10,250	\$ 37,313	\$ 102,505	281
	Onboard Security Cameras	Sales Tax Fund (20%), FTA Allocation	\$ —	\$ 112,740	\$ —	\$ —	\$ —	\$ 112,740	282

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Parking Division									
Business Type									
	Port of Dubuque Ramp Major Maintenance	Private Participant	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 351,000	283
	East 12th and Elm Street Parking Lot Construction	GDTIF G.O. Debt	\$ —	\$ 589,000	\$ —	\$ —	\$ —	\$ 589,000	284
	Locust/Iowa Street Parking Ramp Repairs and Additional Parking	Parking Construction Fund, GDTIF G.O. Debt	\$ 250,000	\$ 150,000	\$ 84,901	\$ —	\$ 3,000,000	\$ 3,484,901	285
	Parking Meter Replacement	Parking Construction Fund	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ 50,000	286
	Major Maintenance on Ramps	Parking Construction Fund	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ 90,000	287
	Maintenance of Municipal Parking Lots	Parking Construction Fund	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ 50,000	288
	Parking Ramp Occupancy Engineering Certification	Parking Construction Fund	\$ —	\$ 26,500	\$ —	\$ —	\$ —	\$ 26,500	289
HOUSING AND COMMUNITY DEVELOPMENT									
Community and Economic Development									
	Homeownership Assistance	Greater Downtown TIF, Housing TIF, Loan Repayments, General Fund, Sale Proceeds	\$ 276,238	\$ 566,485	\$ 816,595	\$ 1,050,140	\$ 1,664,664	\$ 4,374,122	290
	Lead Based Paint Hazard Control	HUD Lead Grant, Private Participant	\$ 550,000	\$ 800,000	\$ 800,000	\$ —	\$ —	\$ 2,150,000	292
	True North Neighborhood Reinvestment Partnership	Housing TIF	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ —	\$ 1,200,000	294
	Washington Neighborhood Home Purchase Program	IFA Trust, IFA Trust Loan Repayments	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 1,056,415	296
	Homeowner Rehabilitation Program	RRP Repayments, CDBG	\$ 105,000	\$ 155,000	\$ 205,000	\$ 210,000	\$ 210,000	\$ 885,000	297
	Purchase/Rehab/Resale	CDBG Grant	\$ 80,000	\$ 125,000	\$ 175,000	\$ 180,000	\$ 180,000	\$ 740,000	299
	Lead Based Paint Hazard Control Grant Match	CDBG Grant	\$ 40,000	\$ 104,166	\$ 102,332	\$ —	\$ —	\$ 246,498	300
	First-Time Home Buyer Program	CDBG Grant	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 220,000	302
	Rental Dwelling Rehabilitation Programs	CDBG Grant	\$ 245,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 445,000	303

**City of Dubuque
Recommended Capital Improvement Summary
FY 2020 - FY 2024**

PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PAGE
HOUSING AND COMMUNITY DEVELOPMENT									
Community and Economic Development									
	Historic Preservation Housing Forgivable Loan program	CDBG Grant	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 40,000	304
	Bee Branch Healthy Homes Resiliency Grant	HUD NDRC Grant	\$ 2,718,000	\$ 674,000	\$ —	\$ —	\$ —	\$ 3,392,000	305
	Washington Neighborhood Housing Initiative	Greater Downtown TIF	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ 150,000	306
PLANNING SERVICES									
Community and Economic Development									
	Trail Planning	DRA Distribution	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 30,000	307
	Historic Preservation Technical Assistance Program	State Grant-CLG/HRDP, DRA Distribution	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 5,000	\$ 35,000	308
CITY MANAGERS OFFICE									
General Government									
	Aerial Orthophotography	DRA Distribution	\$ —	\$ 52,500	\$ —	\$ 55,500	\$ —	\$ 108,000	309
	Municipal Green House Gas Inventory	General Fund	\$ 100,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 150,000	310
	Downtown Urban Renewal Area Non-Profit Weatherization Assistance	Greater Downtown TIF	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000	311
FINANCE									
General Government									
	General Ledger Software	G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ 250,000	\$ 750,000	\$ —	\$ —	\$ 1,000,000	312
	Department Remodel	General Fund	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ 100,000	313
INFORMATION SERVICES									
Business Type									
	City-Wide Computer and Printer Replacements	Sanitary Sewer Construction Fund, Storm Sewer Construction Fund, Garage Service Fund, Water Construction Fund	\$ 96,537	\$ 29,725	\$ 41,150	\$ 52,987	\$ 87,487	\$ 307,886	314
	City-Wide Multifunction Replacement	Sanitary Sewer Construction Fund, Storm Sewer Construction Fund, Garage Service Fund, Water Construction Fund	\$ 7,068	\$ 29,060	\$ —	\$ —	\$ —	\$ 36,128	315

**City of Dubuque
Recommended Capital Improvement Summary
FY 2020 - FY 2024**

PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	TOTAL	PAGE
INFORMATION SERVICES									
General Government									
	City-Wide Computer and Printer Replacements	General Fund, Sales Tax Fund (20%), Road Use Tax Fund, Sales Tax Fund (30%), Cable TV	\$ 713,034	\$ 648,884	\$ 873,519	\$ 532,472	\$ 573,974	\$ 3,341,883	316
	City-Wide Multifunction Replacement	Sales Tax Fund (20%), Road Use Tax Fund, Dubuque County Share	\$ 134,875	\$ 95,654	\$ —	\$ —	\$ —	\$ 230,529	317
	Network Switch Replacements	Sales Tax Fund (20%)	\$ 44,000	\$ 43,900	\$ 63,475	\$ 85,075	\$ —	\$ 236,450	318
	Network Security Risk Assessment	DRA Distribution	\$ 15,000	\$ —	\$ 22,000	\$ 15,000	\$ —	\$ 52,000	319
	Layer 2 Redundant Network Switch	DRA Distribution	\$ —	\$ 74,000	\$ —	\$ 75,229	\$ —	\$ 149,229	320
	End Point Security	DRA Distribution	\$ —	\$ 20,640	\$ —	\$ —	\$ —	\$ 20,640	321
	Grand Total		\$ 57,186,070	\$ 39,483,922	\$ 32,577,776	\$ 25,890,261	\$ 37,642,201	\$ 192,780,230	

DEPARTMENT: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Ladder Truck & Pumper Replacement			YEAR FIRST SUBMITTED: FY 2016	ACTIVITY NO: 350-1016	TOTAL PROJECT COST \$ 2,720,750
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 225,000	A. EXPENDITURE ITEMS						
		Pumper or Ladder Truck	\$ 350,000	\$ —	\$ 1,557,550	\$ —	\$ 405,200	\$ —
		Haz Mat Truck	\$ —	\$ 408,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 225,000	TOTAL	\$ 350,000	\$ 408,000	\$ 1,557,550	\$ —	\$ 405,200	\$ —
		B. PROJECT FINANCING						
		Dubuque County	\$ —	\$ 119,583	\$ —	\$ —	\$ —	\$ —
	\$ 225,000	G.O. Debt (Sales Tax Fund 20%)	\$ 291,667	\$ —	\$ 1,557,550	\$ —	\$ 405,200	\$ —
		DRA Distribution	\$ 58,333	\$ 288,417	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 225,000	TOTAL	\$ 350,000	\$ 408,000	\$ 1,557,550	\$ —	\$ 405,200	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project goal replaces fire apparatus based on a schedule of 20 year service life for pumpers and 30 year service life for ladder trucks. The project also replaces the 1998 Freightliner/Simon Hazmat truck at 23 years. The FY 2020 request replaces a 1998 Freightliner/Toyne pumper (22 yrs). FY21 funding would replace the 1998 Freightliner/Simon Hazardous Materials Response Truck (23 yrs.). In FY22, funding would replace the 1995 General Safety ladder truck due to rust deterioration (27 yrs). FY24 funding would replace 2004 International/Simon pumper (20 yrs).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Continue to provide a timely response to emergency calls for service.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: HVAC Replacement at Fire Headquarters 11 West 9th Street.			YEAR FIRST SUBMITTED: FY 2020	ACTIVITY NO: 350-2810	TOTAL PROJECT COST \$ 593,529
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		HVAC Control Replacement	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Boiler Replacement	\$ —	\$ 168,924	\$ —	\$ —	\$ —	\$ —
		Air Handler Replacement	\$ —	\$ —	\$ 344,605	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 80,000	\$ 168,924	\$ 344,605	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		G.O. Debt (Sales Tax Fund 20%)	\$ 80,000	\$ 168,924	\$ 344,605	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 80,000	\$ 168,924	\$ 344,605	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ (500)	\$ (2,000)	\$ (1,500)	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project replaces Heating Ventilation and Air Conditioning (HVAC) components at Fire Headquarters over a three-year period. The heating boiler, air handlers, and associated control system are original to the building (1970). All three components are beyond their expected service life. The HVAC and Lighting System Improvement Study completed in 2015 listed replacement of these components as the top priority. The original CIP does not provide for the costs involved in these replacements and is being directed to lighting and HVAC at other fire stations (following the study recommendations). This project would provide for replacement of the system controls in FY2020 (\$80,000) with estimated pay-back in 12 years, replace the heating boiler in FY2021 (\$168,924) for which the study suggested "dramatic" energy savings, and replace all three air handling units in FY2022 (\$344,605) to relieve excess condensation and mold growth, improving the air quality in the building.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the community's carbon footprint (50% by 2030). Sustainable Environment: Maintain/improve air quality. Sustainable Environment: Reduce energy consumption and increase the use of alternative energy sources in buildings and vehicles.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Implement Mechanical & Electrical System Design Study Recommendations			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-2575	TOTAL PROJECT COST \$ 130,010	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 970	\$ 25,000	Property Maintenance	\$ —	\$ 26,010	\$ 26,010	\$ 26,010	\$ 26,010	\$ —
\$ 970	\$ 25,000	TOTAL	\$ —	\$ 26,010	\$ 26,010	\$ 26,010	\$ 26,010	\$ —
		B. PROJECT FINANCING						
\$ 970		Sales Tax Fund (20%)	\$ —	\$ 26,010	\$ 26,010	\$ 26,010	\$ 26,010	\$ —
	\$ 25,000	G.O. Debt (Sales Tax 20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 970	\$ 25,000	TOTAL	\$ —	\$ 26,010	\$ 26,010	\$ 26,010	\$ 26,010	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ (5,000)	\$ (5,000)	\$ (5,000)	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would implement recommendations from the recent Heating, Ventilation, and Air Conditioning (HVAC) and Lighting study. Modus consultants provided a five-year plan to improve HVAC and lighting at all six fire stations. This report seeks to identify cost-savings and energy conservation projects among fire stations that will reduce the environmental impact and provide savings in operating costs. Costs to replace the Headquarters boiler, controls, and air handlers are beyond the scope of this CIP. Therefore, this project covers upgrades to lighting and HVAC projects at the remaining five fire stations.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the CIP for Fire Headquarters HVAC equipment replacement.

OUTCOME

Sustainable Environment: Reduce the community's carbon footprint (50% by 2030); Sustainable Environment: Reduce energy consumption and increase the use of alternative energy sources in buildings and vehicles.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Fire Station Expansion/Relocation			YEAR FIRST SUBMITTED: FY 2007	ACTIVITY NO: 350-1864	TOTAL PROJECT COST \$ 3,977,400
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 500,000	\$ 114,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 306,000	\$ 2,413,920	\$ —
		Other	\$ —	\$ —	\$ 40,000	\$ —	\$ 603,480	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 40,000	\$ 806,000	\$ 3,131,400	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ 40,000	\$ —	\$ —	\$ —
		G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ —	\$ —	\$ 806,000	\$ 3,131,400	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 40,000	\$ 806,000	\$ 3,131,400	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 68,287	\$ 183,268	\$ 559,428	\$ 758,960	\$ 1,236,977	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an additional west end fire station as development and annexation occurs. It is currently projected to be designed in FY 2023, but may be delayed. This station would be approximately 10,000 square feet and house two response apparatus, plus storage for other reserve units. The City of Dubuque currently has an annexation study and not an annexation plan. However, addition of this fire station and associated ambulance and firefighting response capability and capacity positions the City will develop an annexation plan and begin the process of annexation in the near future. The City Development Board, that approves annexation expects services to be provided within 3 years of annexation. For a new station, operating costs include insurance, utilities, equipment, maintenance, furniture, and the cost of twelve new employees. Beginning in FY2020, one (1) new employee would be added, one (1) additional new employee would start in FY 2021 as well. In FY2022, four (4) more employees would be added. In FY2023, two (2) employees would be added, and the remaining four would start in FY 2024 (for a total of 12 positions). The current minimum staffing per shift is 22, with 28 personnel assigned to cover leave. During the build up of positions before a fire station is constructed, the additional personnel will reduce the need for overtime as each shift will have more positions available to cover vacations and other leave. This advantage will diminish once the new engine and ambulance are placed in service in FY2024.

DEPARTMENT: 13 - Fire	STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Fire Station Expansion/Relocation	YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 350-1864	TOTAL PROJECT COST \$ 3,977,400
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

In 2006 a study was on Municipal Fire and Emergency Service Response and Deployment was done by Matrix Consulting Group. The study included an evaluation of station needs based on near-term and long-term growth projections and evaluation of alternative station locations. Over 164,000 different scenarios were evaluated. The report states, "As development occurs, the City should add one additional station and relocate one current station to accommodate the increase in fire department workload. This scenario would consist of adding a station at or near Chavenelle & Radford to provide service to the west side of the City." In FY 2022, this study will be updated to ensure the proper location and size of station is constructed based on the 15 years of growth that will have occurred since 2006. Should the study show that only the relocation of an existing station should occur in FY 2024, then six new fire fighters would be needed to allow for staffing a new ambulance and the remaining six personnel would move from the station being relocated. The design of this station is estimated to occur in Fiscal Year 2023, with construction in the following year; however, the timing is completely dependent on future development/annexation and could be delayed. This expanded fire station would provide coverage to several areas identified in the 2018 Annexation Study prepared by the Planning Services Department. This includes areas along the Southwest Arterial corridor identified as sections L, I, and G in that study. As annexation and development occurs in these areas, revenue derived would help support the fire station expansion. The cumulative cost for staff and operating the new station would be \$1,410,611 per year. Should the study show an existing station could be closed this would reduce operating expenses. Once an expansion fire station and two units are in service the daily minimum will increase to 26, with 32 personnel assigned per shift. At that time the 12 new positions would add 3 Medical Officers and 9 firefighters to the department roster.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Continue to provide a timely response to emergency calls for service.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Ambulance Replacement			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 350-2507	TOTAL PROJECT COST \$ 762,057	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 242,410		Ambulance	\$ —	\$ —	\$ —	\$ 257,251	\$ 262,396	\$ —
\$ 242,410	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 257,251	\$ 262,396	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 257,251	\$ 262,396	\$ —
\$ 242,410		G.O. Debt (Sales Tax 20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 242,410	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 257,251	\$ 262,396	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project goal is to replace ambulances after a twelve-year service life. Ambulance call volume has been increasing approximately 3% each year, putting more wear and tear on ambulances. For FY 23 the project replaces a 2010 Lifeline ambulance (13 yrs). For FY 24 it replaces a 2012 McCoy/Miller ambulance (12 yrs).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Continue to provide a timely response to emergency calls for service.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Valley Park Development			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2005 260-2288	TOTAL PROJECT COST \$ 118,230
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 10,530	\$ 87,700	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 30,530	\$ 87,700	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		CDBG Grant	\$ 30,530	\$ 87,700	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 30,530	\$ 87,700	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for developing Eagle Valley Park in the Eagle Valley Subdivision between Roosevelt Street and Shiras Avenue. The developer has dedicated approximately 2.25 acres of property as a park and storm water detention facility. The final plat was approved in 2003. This project develops the park portion of the property. The primary service area for this park will be the ninety homes that will be constructed in this subdivision. A commitment was made that if parkland was donated the city would budget \$150,000 six years out in the C.I.P. budget. This request is twenty one years after dedication. A majority of the homes have now been built.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Avon Park - Replace Play Unit			YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 102-1574	TOTAL PROJECT COST \$ 97,500	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ 87,500	\$ —	\$ —	\$ —
		Contract Services	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 97,500	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 97,500	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 97,500	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the play unit in Avon Park. By Fiscal Year 2022, the play unit in Avon Park will be over twenty-eight years old. This is past typical replacement timing for the use it receives. The project includes the installation of a poured in place safety surfacing instead of wood chip safety surfacing. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. This project includes contracted services for the removal of the old equipment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Replace Roof on Bridge Complex			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2011 102-2509 350-2509	TOTAL PROJECT COST \$ 124,488
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 4,488		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 4,488	\$ —	TOTAL	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 4,488		DRA Distribution	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Sales Tax 20%	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 4,488	\$ —	TOTAL	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the wood roof on the Bridge Complex. This roof will be over thirty-five years old by Fiscal Year 2020 and is leaking. In Fiscal Year 2018 a CIP to replace the Bridge Complex Roof was funded but due to lack of sufficient funding for the project, the Indian Room Roof was replaced as the alternate. The design and engineering work has been completed for this project.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Repair Retaining Wall			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2010 102-2459 350-2459	TOTAL PROJECT COST \$ 75,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 75,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 75,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 75,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 75,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for repairing the limestone retaining wall behind the tennis courts in Eagle Point Park. A section of this wall has fallen and needs to be repaired. There is a storm water issue that will need to be addressed at the same time, which is the cause of the problem.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Concrete Improvements			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2013 350-1453 102-1453	TOTAL PROJECT COST \$ 150,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 30,000	Construction	\$ —	\$ 60,000	\$ —	\$ 30,000	\$ 30,000	\$ 30,000
\$ —	\$ 30,000	TOTAL	\$ —	\$ 60,000	\$ —	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
	\$ 30,000	DRA Distribution	\$ —	\$ 60,000	\$ —	\$ 30,000	\$ 30,000	\$ 30,000
\$ —	\$ 30,000	TOTAL	\$ —	\$ 60,000	\$ —	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for concrete repairs at the Riverfront, Terrace Room, Open Air and Shiras Memorial pavilions as well as areas around the maintenance building and a couple of small areas along the bluff. It also provides for sidewalk repairs. These areas are becoming uneven and will create a safety concern if replacement schedules are not created. Sidewalk improvements began in specific areas were completed in 2011 and 2012. Many sidewalks were not completed at that time due to budget constraints. These areas include Riverfront Pavilion walks, Open Air Pavilion deck and walk, Shiras Memorial south walk, park information board areas, maintenance shop decks, and two areas of the bluff walk. Many of these sidewalk improvements relate to ADA requirements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Stone Work			YEAR FIRST SUBMITTED: ACTIVITY NO: 102-1677	FY 2000 102-1677		TOTAL PROJECT COST \$ 150,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025	
		A. EXPENDITURE ITEMS							
		Construction	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		B. PROJECT FINANCING							
		DRA Distribution	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for repairs to the patio, steps and wall on the east and south side of the North and South Veranda, walkway around the Indian Room, walkway on the west side of the Veranda Rooms, the steps and walls in the tunnel area under the East Room, and the patio area of the Bridge Complex. The stone in these areas is becoming uneven, breaking, and in need of repair. Stone caps on the walls are breaking apart and need to be replaced to avoid moisture getting into the stones that make up the wall.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Renovate Log Cabin Pavilion			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 102-1683	TOTAL PROJECT COST \$ 111,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 8,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ 63,000	\$ 40,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 71,000	\$ 40,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 71,000	\$ 40,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 71,000	\$ 40,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for renovating the Log Cabin Pavilion. Renovation will include electrical wiring, light fixtures, windows, interior work and painting. The Log Cabin is one of the most popular pavilions in Eagle Point Park. With the historical significance of these structures money needs to be budgeted. The Riverfront and Indian Room are also being requested for renovations. Efforts will be made to restore all pavilions to their original condition.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Street Light Replacement			YEAR FIRST SUBMITTED: FY 2002 ACTIVITY NO: 102-1594		TOTAL PROJECT COST \$ 80,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ 40,000	\$ 40,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 40,000	\$ 40,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 40,000	\$ 40,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 40,000	\$ 40,000	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ (1,150)	\$ (2,300)	\$ (2,300)	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing street lights throughout Eagle Point Park. Currently there are 123 street lights throughout Eagle Point Park. This project would allow for replacing current fixtures with energy efficient LED fixtures. These new fixtures would save approximately \$2,300 a year in operating cost.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Riverfront Pavilion Restoration			YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 102-2190		TOTAL PROJECT COST \$ 5,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 89,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 89,000
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 89,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 89,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for historic restoration of the Riverfront Pavilion, including: removing the drop ceiling and restoring the original, restoring the plaster on the walls, replacing the light fixtures and re-wiring the building, repairing windows and replacing the doors. This is the most popular pavilion and upgrades are needed, so we would like to restore the building to as close to original as possible. The pavilions in the park are historic and an effort should be made to preserve that history. \$5,000 is for design and engineering, and the remaining \$89,000 is for construction.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Replace Water Lines			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 102-	TOTAL PROJECT COST \$ 210,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 10,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 100,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 110,000	\$ 100,000	\$ 100,000
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 110,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 110,000	\$ 100,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing water lines throughout Eagle Point Park. The water system at Eagle Point park is failing. The galvanized piping in the system has begun to fail and there are numerous leaks throughout the park. Replacement of these lines is necessary to not only conserve water but to keep the correct water pressure within the system. A small portion (phase 1) of the water lines were replaced in FY19 with savings from two capital projects and use of other current capital projects related to Eagle Point Park. The remaining phases need to be completed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Eagle Point Park - Replace Roof on Terrace Room			YEAR FIRST SUBMITTED: FY 2011 ACTIVITY NO: 102-1761		TOTAL PROJECT COST \$ 24,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 3,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 21,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 24,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 24,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 24,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the wood roof on the Terrace Room in Eagle Point Park. This roof will be over thirty-nine years old by Fiscal Year 2024 and is showing signs of leaking. Replacement is needed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Flora Park - Pave Wilbright, Pool, Tennis Court, and Slattery Center Parking Lots			YEAR FIRST SUBMITTED: FY 2009 ACTIVITY NO: 350-1868		TOTAL PROJECT COST \$ 25,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 5,000	\$ —	\$ 6,000
		Construction	\$ —	\$ —	\$ —	\$ 20,000	\$ —	\$ 30,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 25,000	\$ —	\$ 36,000
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 25,000	\$ —	\$ 36,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 25,000	\$ —	\$ 36,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for asphalt paving the Wilbright Lane, pool, tennis court, and Slattery Center parking lots. These lots are beginning to crack and becoming uneven. An asphalt overlay is needed to level the lots and fill in the cracks. Operating cost is based on 5 year life cycle sealing and striping program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Gay Park- Replace Play Unit			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-	TOTAL PROJECT COST \$ 90,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ 80,000	\$ —	\$ —
		Contract Services	\$ —	\$ —	\$ —	\$ 10,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 90,000	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 90,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 90,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the play unit at Gay Park. By Fiscal Year 2023, the play unit will be over twenty-seven years old. This is past typical replacement timing for the use it receives. The project includes the installation of a poured in place safety surfacing instead of wood chip safety surfacing. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. This project includes contracted services for the removal of the old equipment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Ham House- Replace Roof			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-2184	TOTAL PROJECT COST \$ 75,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 7,500	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 67,500	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 75,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 75,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 75,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the wood roof on the Ham House. The roof on the house was last replaced in 1992. By Fiscal Year 2023, the roof will be over thirty-one years old. This is well beyond the life expectancy of a wood shingle roof.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Jackson Park - Construct Rest Rooms			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 360-2782		TOTAL PROJECT COST \$ 250,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 240,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 250,000	\$ —	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for constructing a rest room building in Jackson Park that will include one or two (depending on costs) unisex/family restrooms and installation of security cameras. There are no rest rooms available in Jackson Park and we are receiving an increased number of requests for them. The events that are happening in this park make the rest room a warranted addition. Parades originate from Jackson Park and a variety of neighborhood events call Jackson Park home.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Jackson Park - Amenities Improvement			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 310,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 240,000	\$ 60,000	\$ —	\$ —	\$ —
		Contract Services	\$ —	\$ 10,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 250,000	\$ 60,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ 250,000	\$ —	\$ —	\$ —	\$ —
		Greater Downtown TIF	\$ —	\$ —	\$ 60,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 250,000	\$ 60,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for new playground units, poured in place rubber safety surfacing, and other amenities such as benches, drinking fountains and trash receptacles for Jackson Park. The Safe Communities Initiative, a 2013-2015 top priority of the City Council goals list is an integral part of this Jackson Park project. New play systems and amenities would greatly enhance the park and increase park attendance. A new play system, poured in place rubber safety surfacing and removal of old equipment would cost approximately \$225,000. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. Other new park amenities including benches, drinking fountains and trash receptacles would cost approximately \$85,000.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Jefferson Park - Retaining Wall Replacement			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-1243	TOTAL PROJECT COST \$ 332,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 28,200	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 303,800	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 332,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 332,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 332,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the retaining wall at Jefferson Park. The existing retaining wall is a limestone wall that has been shotcreted. The wall is showing signs of some movement which threatens the sidewalk above it and the street beyond it. Pro-actively replacing the retaining wall will protect city assets and reduce liability to the City. The wall was inspected in 2014 by the City Engineering Department and it was determined the wall could last another five years. In FY2023 it will be eight years. The proposed retaining wall is in the 11th Street Historic District. The proposed retaining wall is a limestone block wall with decorative hoop railing above it.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Replace Play Unit- Madison Park			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-	TOTAL PROJECT COST \$ 82,500	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ 72,500	\$ —	\$ —
		Contract Services	\$ —	\$ —	\$ —	\$ 10,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 82,500	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 82,500	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 82,500	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the play unit at Madison Park. By Fiscal Year 2023, the play unit will be over twenty-seven years old. This is past typical replacement timing for the use it receives. The project includes the installation of a poured in place safety surfacing instead of wood chip safety surfacing. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. Contracted services will be used to remove the old equipment and wood chip surface.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Murphy Park Playground Equipment			YEAR FIRST SUBMITTED: ACTIVITY NO: 350-1450 102-1450	TOTAL PROJECT COST \$ 156,500	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 52,125	\$ 94,375	\$ —	\$ —	\$ —	\$ —
		Contract Services	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 62,125	\$ 94,375	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 62,125	\$ 80,000	\$ —	\$ —	\$ —	\$ —
		Sales Tax Fund (20%)	\$ —	\$ 14,375	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 62,125	\$ 94,375	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the main play unit in Murphy Park, located by the enclosed Pavilion. By Fiscal Year 2020, this play unit will be over thirty years old and need to be replaced. Twenty years is the useful life of these play units. The project also includes the installation of a poured in place safety surfacing instead of wood chip safety surfacing. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. The cost also includes contracting to remove the old equipment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Murphy Park - Replace Water Lines			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-		TOTAL PROJECT COST \$ 160,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 100,000	\$ 50,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 10,000	\$ 100,000	\$ 50,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 10,000	\$ 100,000	\$ 50,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 10,000	\$ 100,000	\$ 50,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing water lines in Murphy Park. The water system at Murphy Park needs to be updated and replaced. There are areas where new back flow devices need to be installed and water lines replaced. A consultant will be hired to streamline the water system configuration and make recommendations for costs related to upgrades and water line replacement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Murphy Park - Replace Roof on Rest Room Building by the Tennis Courts			YEAR FIRST SUBMITTED: FY 2011 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 15,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 1,500	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 13,500	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 15,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 15,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 15,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the wood roof on the rest room building by the tennis courts in Murphy Park. This roof will be over thirty-nine years old by Fiscal Year 2024 and is showing signs of leaking. Replacement is needed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Storybook Zoo Playground Replacement			YEAR FIRST SUBMITTED: FY 2009 ACTIVITY NO: 102-	TOTAL PROJECT COST \$ 124,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ 114,000	\$ —	\$ —
		Contract Services	\$ —	\$ —	\$ —	\$ 10,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 124,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 124,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 124,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for purchasing play equipment for the Storybook Hill Children's Zoo. The Zoo is leased to and operated by a nonprofit organization, Dubuque Children's Zoo Boosters. The group has made many improvements to the Zoo and it has really become a source of pride for the community. One area of improvement still needed is play equipment. Several pieces need to be replaced and the City's assistance is needed. The project includes the installation of a poured in place safety surfacing instead of wood chip safety surfacing. The poured in place surfacing will eliminate weeds in the playground and decrease maintenance costs in future years. This project includes contracted services for the removal of the old equipment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Town Clock Plaza Rehabilitation			YEAR FIRST SUBMITTED: FY 2013 ACTIVITY NO: 360-1742		TOTAL PROJECT COST \$ 100,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 5,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 28,000	\$ 67,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 33,000	\$ 67,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ 33,000	\$ 67,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 33,000	\$ 67,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for concrete work throughout the plaza area as well as painting of rails, light posts and fleur de lis's on planters and other areas. Town Clock is the center for many festivals and is used every weekend from early spring through late fall. A renovation is necessary to maintain the quality of the public spaces. All are infrastructure maintenance improvements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: All Parks - Replace Security Lights			YEAR FIRST SUBMITTED: FY 2011 ACTIVITY NO: 102-2368		TOTAL PROJECT COST \$ 102,507
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 12,507	\$ 5,000	Equipment	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ —
\$ 12,507	\$ 5,000	TOTAL	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ —
		B. PROJECT FINANCING						
\$ 12,507	\$ 5,000	DRA Distribution	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ —
\$ 12,507	\$ 5,000	TOTAL	\$ 10,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ (750)	\$ (3,000)	\$ (3,000)	\$ (3,000)	\$ (4,000)	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing security lights including flag pole lighting in a number of different parks. The Safe Community Initiative, a 2013-2015 top priority of the City Council goal list is integral to safe lighting in parks. The security lights in many parks are getting very old and need to be replaced. This project will be a continuous project until lighting is replaced in all parks. Safety of parks' patrons will increase with better lighting. New efficient fixtures could potentially save between \$3,000 and \$5,000 in operating costs per year. The type of replacement fixtures effects the amount of cost savings per year. New lighting is additionally more sustainable and energy efficient. Dark sky technology will be used where possible.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: All Parks - Renovate Water Systems			YEAR FIRST SUBMITTED: FY 2006 ACTIVITY NO: 350-1158		TOTAL PROJECT COST \$ 55,720
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 3,720		Construction	\$ —	\$ 7,000	\$ —	\$ 20,000	\$ 25,000	\$ 25,000
\$ 3,720	\$ —	TOTAL	\$ —	\$ 7,000	\$ —	\$ 20,000	\$ 25,000	\$ 25,000
		B. PROJECT FINANCING						
\$ 3,720		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 20,000	\$ 25,000	\$ 25,000
		DRA Distribution	\$ —	\$ 7,000	\$ —	\$ —	\$ —	\$ —
\$ 3,720	\$ —	TOTAL	\$ —	\$ 7,000	\$ —	\$ 20,000	\$ 25,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

The Fiscal Year 2005 budget included \$34,000 to do an engineering study to determine what needs to be done to bring the water system in all parks (with water) up to code. The Fiscal Year 2006 project began the funding of that renovation work. Flora Park is complete, Murphy Park and Eagle Point Park have separate CIP requests. The plumbing code now requires all meters and Reduced Pressure Zone devices (backflow preventer) to be above ground. Most of our meters are in pits and there are no RPZ's in most locations. Some parks such as Avon Park may need the entire water system renovated and structures built to house the meter and backflow prevention valve. An engineer will be hired to help us determine how best to address this situation in each park and to provide cost estimates. Another CIP has been recommended for smaller parks to add water fountains that will meet code requirements by hooking them directly into the water system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: All Parks- Cameras/Code Blue Phones			YEAR FIRST SUBMITTED: FY 2019	ACTIVITY NO: 350-2105 102-2105	TOTAL PROJECT COST \$ 83,050
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000
		Contract Services	\$ 7,239	\$ 5,811	\$ 6,000	\$ 7,000	\$ 7,000	\$ 18,000
\$ —	\$ —	TOTAL	\$ 17,239	\$ 15,811	\$ 16,000	\$ 17,000	\$ 17,000	\$ 43,000
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 15,811	\$ —	\$ —	\$ 17,000	\$ 43,000
		Sales Tax Fund (20%)	\$ 17,239	\$ —	\$ 16,167	\$ 17,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 17,239	\$ 15,811	\$ 16,167	\$ 17,000	\$ 17,000	\$ 43,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for installing cameras in parks. The Engineering Department is creating a map and a plan for surveillance cameras city-wide. Cameras will be installed in parks in relationship to the proximity of Engineering camera projects in the community. This project would be a continuous project until cameras are installed in all parks. Code blue stations would also be assessed and installed in parks where needed as a part of this project.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feel safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Street Tree Program			YEAR FIRST SUBMITTED: ACTIVITY NO: 350-1458 102-1458	TOTAL PROJECT COST \$ 108,327	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 5,000	Landscaping	\$ 5,000	\$ 4,600	\$ 30,115	\$ 33,500	\$ 30,112	\$ 50,000
\$ —	\$ 5,000	TOTAL	\$ 5,000	\$ 4,600	\$ 30,115	\$ 33,500	\$ 30,112	\$ 50,000
		B. PROJECT FINANCING						
	\$ 5,000	Sales Tax Fund (20%)	\$ 2,500	\$ 4,600	\$ 16,500	\$ 33,500	\$ 30,112	\$ 50,000
		DRA Distribution	\$ 2,500	\$ —	\$ 13,615	\$ —	\$ —	\$ —
\$ —	\$ 5,000	TOTAL	\$ 5,000	\$ 4,600	\$ 30,115	\$ 33,500	\$ 30,112	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

The Fiscal Year 2017 to 2020 projects only provide matching funds for tree grants. Budget for FY 2021 and beyond would provide for replacing trees as specified in the Street Tree Policy updated in FY15 and after Emerald Ash Borer, a 2014-2016 top priority of the City Council goals list identifies the issue and one part of the plan is tree planting. The Street Tree Policy addresses size of planting lawns and type of trees allowed. Studies have shown that trees increase the value of property because of the improved appearance they create. A street lined with trees beautifies the neighborhood and community and conveys a sense of community pride. The 2011 Urban Forestry Study underlined the importance of tree planting in streets, parks and neighborhoods. Tree bids typically run \$300.00 each. With Emerald Ash Borer being discovered in August of 2015, it will become increasingly important to replace street trees. Twenty-four (24) percent of the 5,200 street trees are Ash trees. The Forestry Activity is currently removing an average of 300 to 400 trees per year over the last five years and definitely increases the need for tree replacements. CIP was first submitted in FY1999 but updated to include EAB in FY2015.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Preserve and enhance Dubuque's natural resources.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Retaining Walls			YEAR FIRST SUBMITTED: ACTIVITY NO: 350-1055 102-1055	TOTAL PROJECT COST \$ 15,244	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000
\$ 244		Engineering Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 244	\$ —	TOTAL	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000
		B. PROJECT FINANCING						
\$ 244		DRA Distribution	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000
\$ 244	\$ —	TOTAL	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the beginning of multi-year program to construct retaining walls on park property where the terrain is very difficult to mow and maintain. Many areas of our parks are difficult to maintain and mow because the terrain is steep and mowers cannot be used. Steep areas create a safety hazard for park employees. As a result, these areas look bad because grass grows long and the surface is uneven. Retaining walls will address this issue by creating a relatively flat surface at the top and bottom of the wall. Not only will maintenance effort be reduced, the appearance of the area will be enhanced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation Experiences and Activities: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Re-landscape Locust Street Connector			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 30,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Landscaping	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —
		Consultant Services	\$ —	\$ 5,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 30,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for re-landscaping the Locust Street Connector area. The current landscape plan at the connector is very difficult to maintain. Employees are very susceptible to being hit by vehicles while maintaining this area. A new landscape design would be installed with irrigation to make the area safer and easier for staff to maintain while maintaining the beauty of the planted area.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Highway 20 Irrigation			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 350-		TOTAL PROJECT COST \$ 25,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for installing irrigation to planters on Highway 20. There are certain planters along the Highway 20 corridor that do not have irrigation. A hose has to be run across on ramps, off ramps or across a four-lane roadway. This is not a practical process. Irrigation to the areas would allow the areas to be better maintained.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Operations - Elevator Upgrades			YEAR FIRST SUBMITTED: FY 2009 ACTIVITY NO: 102-2783		TOTAL PROJECT COST \$ 192,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
		Construction	\$ 12,000	\$ —	\$ —	\$ —	\$ 160,000	\$ —
\$ —	\$ —	TOTAL	\$ 12,000	\$ —	\$ —	\$ —	\$ 180,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 12,000	\$ —	\$ —	\$ —	\$ 180,000	\$ —
\$ —	\$ —	TOTAL	\$ 12,000	\$ —	\$ —	\$ —	\$ 180,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for upgrading the controlling devices, fixtures, cab, and door-operating equipment that will be over 40 years old. The elevator became operational in 1979 when the building opened. Malfunctions are steadily increasing; components have become increasingly difficult to obtain or are not available at all; and it is not compliant to current ANSI a17.1 elevator code. The elevator is old enough that it doesn't have an emergency phone as it was installed prior to that requirement. This elevator is used by patrons and staff as there is no separate service elevator. The elevator at times will stop above or below the landing and the doors are slow to open. In 2020, code changes dictate that elevators in Iowa must have a car door restrictor, ADA compliant emergency phones, pit ladders and a keyed stop switch. Additional upgrades would include a soft starter and replaces an obsolete computer board control system. Additional technology upgrades would include a soft starter which would replace the obsolete Y-Delta contacts thus being more energy efficient and provide phase protection, and a "104 board" upgrade to replace the obsolete boards which control door functions. This must be completed in FY 2020.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Operations - Exterior Brick Wall Replacement			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 50,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for removing the brick half wall on 4th Street and replacing with secured wrought iron fence. This project would include removal of the brick half wall on the 4th Street side of the facility and replacing it with secured wrought iron fencing. A security assessment performed by Dubuque Police, Fire and Emergency Management, in conjunction with Department of Homeland Security, included a recommendation for this improvement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Operations - Accessibility Building Modifications			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 350-2647		TOTAL PROJECT COST \$ 225,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 10,000	\$ —
		Construction	\$ —	\$ —	\$ 25,000	\$ —	\$ 190,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 25,000	\$ —	\$ 200,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 25,000	\$ —	\$ 200,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 25,000	\$ —	\$ 200,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for upgrading the City-owned Civic Center for compliance with the Americans with Disabilities Act. Section 504 of the Housing and Urban Development Rehabilitation Act of 1977, as amended The ADA Act require a transition plan detailing building modifications to make them accessible to persons with disabilities, and a timetable for implementation. This project will address items found in the ADA transition plan for Five Flags. This project also furthers city equity efforts related to persons with disabilities.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Continue to become an inclusive and equitable community in which all feel welcome, included, and leaving no one behind.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Concession - Digital Menu Boards and Directional Signage			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 25,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 25,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for purchasing digital menu boards for the facilities concession stands and directional signage for areas throughout the facility to help guests get around the facility. Five Flags currently uses magnetic panels with vinyl letters for it's concessions menus which were installed in 2007. They are laborious and difficult to adjust from event to event. Digital signage is needed for it's ease of program-ability, ability to change menu items and prices with minimal labor, and ability to display graphics and show food items to patrons. It will look more attractive and increase revenue due to decreased labor costs and be able to draw customers in with it's professional look. Five Flags currently has minimal directional signage for restrooms and the ATM machine. Digital directional signs will aid patrons moving throughout the facility and highlight our current and upcoming events. They may also be incorporated into the ad campaign to generate additional revenues.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Air Conditioner Replacement			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 225,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the arena air conditioning units; Roof Top Units 1, 2 and 3. The air conditioning units were installed in 2005 and have a life span of fifteen years. The units are working, however costs of repairs are rising ever year.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Concert Audio Reinforcement			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 200,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 2,000	\$ —	\$ —
		Equipment	\$ —	\$ —	\$ —	\$ 198,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 200,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 200,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 200,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for purchasing professional line array audio system to support concerts in the Five Flags Arena. The current audio system was installed with hockey games in mind and is not feasible for concert audio reinforcement. SMG rents audio equipment for concerts which is trucked in and set set up for each show then taken down after. These components can cost upwards of \$4,000 each day of use when rented, depending on tour specifics. Five Flags will be able to offer better service in-house to promoters, renters, and partners who are seeking professional sound reinforcement for concerts and other events looking for full range audio playback across the entire arena. They will be able to contract the service through Five Flags instead of an outside vendor which would include additional costs such as trucking, hotel nights for drivers and technicians, rigging materials, and services.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Air Wall Replacement			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 255,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacement of the arena air wall and curtain backdrop. The air wall is original to the building, thus is over 40 years old. The mechanisms and tracks are worn out. The typical life for air walls is 20-25 years. A total replacement is necessary. The curtain allows for covering bleachers. This, along with the air wall, creates a room inside of the arena for receptions and events. The air wall is used to make a smaller rental space for the arena. The curtains would be retractable from the ceiling greatly reducing labor and operating costs. Manually hanging ballroom curtains from rafters takes approximately 4 hours with four people. Installing a push-button retractable curtain system will greatly reduce labor costs and make renting the space affordable for clients who wish for an aesthetically pleasing event space. It costs approx. \$250 to hang and another \$250 to remove arena masking in the ballroom. This is done for multiple receptions and key events throughout the year when the arena becomes a small stage.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Concert Sound Equipment			YEAR FIRST SUBMITTED: FY 2011 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 255,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 255,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for purchasing and replacing sound equipment used for arena events. This project would replace speakers, amplifiers, mixers, and other sound equipment that will be at nineteen years of the fifteen-year life span. At events like rodeo, City Expo, and trade shows, it is now difficult to hear announcements due to the reduced quality of an old system. The sound system is beyond its useful life.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Roof			YEAR FIRST SUBMITTED: FY 2008 ACTIVITY NO: 350-2378		TOTAL PROJECT COST \$ 395,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 30,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 365,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 395,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 395,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 395,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the entire roof over the arena. The arena roof was last replaced in 1997 and is outside its warranty coverage. It is very important to keep this roof in good condition so that events are not impacted by leaking roof. In 2018 leaking areas were patched.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Arena - Stage Deck Replacement			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 255,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ 255,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 255,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ 255,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 255,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provide for the purchase of a new concert stage, skirting, and step units for Five Flags Arena. In 2025 the arena concert stage will be over 25 years old and approaching the end of it's life. Over 30 decks are damaged. As time goes on concerts get larger and weigh more as equipment on stage is increased and the total weight load on the stage gets heavier. Stages must be able to handle heavier point loads, be easier to move, lighter and stronger than before. This will assist Five Flags to draw concerts and other entertainment to the area thus increasing revenue.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 32 - Leisure Services / Civic Center Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Five Flags Building Improvements			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 6,000,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering	\$ —	\$ —	\$ —	\$ —	\$ 600,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 5,400,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 6,000,000	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ —	\$ —	\$ —	\$ 4,800,000	\$ —
		Greater Downtown TIF	\$ —	\$ —	\$ —	\$ —	\$ 1,200,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 6,000,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for improvements to the building (arena, theater, lobby areas, exterior) and its equipment should a bond referendum for another scenario not pass or it is determined by City Council that Scenario 1 of status quo is the direction. This would be used on the current facility at its current footprint in its current state. The building is in need of wood window repairs, painting of the steel exterior, resealing the ballroom floor, remodeling/upgrading concession stands, carpet and tile replacement, locker shower upgrades, stage dimmer light replacement, dressing room upgrades, orchestra pit electronic lift, placement, refurbishing the stage floor, restoration of theater seats, painting walls and ceilings, satellite ticket booth, theater counter weight and grid system, lighting upgrades and retrofits and other building needs. Equipment replacement needs include the sound system, floor scrubber, tables and portable chairs, water fountains, popcorn popper, concert lighting, pipe and drape, follow spots, lighting consoles, masking equipment, scoreboard and other equipment replacements. New equipment necessary for a venue doing the level of business of Five Flags include wireless internet, point of sale system, metal detectors and wands and more. All projects listed have been submitted previously as individual projects with the oldest continuously submitted in the budget process since 2003 and the majority have been submitted and cut from the budget for 9-10 years and if approved in this CIP would be five more years until completed. Civic Center opened its doors in 1979, alongside the restored Theater paid for by a bond of \$3.7 million project. Additional upgrades and renovations were completed in 2005 at a cost of just over \$2.0 million.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Flora and Sutton Swimming Pools Annual Maintenance			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-1890 350-1890	TOTAL PROJECT COST \$ 387,772	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 157,772	Construction	\$ 25,000	\$ 70,000	\$ —	\$ 135,000	\$ —	\$ —
\$ —	\$ 157,772	TOTAL	\$ 25,000	\$ 70,000	\$ —	\$ 135,000	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 157,772	DRA Distribution	\$ 25,000	\$ 70,000	\$ —	\$ 135,000	\$ —	\$ —
\$ —	\$ 157,772	TOTAL	\$ 25,000	\$ 70,000	\$ —	\$ 135,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the traditional annual maintenance for both the Flora and Sutton pools. Annual maintenance of Flora and Sutton pools as well as becoming compliant with ADA standards is required to keep the pools operational. The projects budgeted by fiscal year are as follows: Replace restroom plumbing fixtures & ADA Compliance (\$20,000); Repair Deck (\$10,000) FY 2020: Repair water playgrounds (\$15,000); Repair deck (\$10,000) FY 2021: Repair deck (\$10,000); Paint Flora Pool Tank (\$60,000 - 5 year cycle) FY 2023: Pool Tank resurfacing for both pools (\$135,000 - 5 year).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Flora Swimming Pool Replace Playground Surface			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2120		TOTAL PROJECT COST \$ 60,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 60,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the sand under the Flora Park Pool playground with a rubber safety surface. When the playground was installed, sand was chosen as the safety surface underneath the equipment. Sand is not ADA compliant in terms of the playground access. With the location of the playground within the fence property of the pool, this type of material was not a wise choice due to the affects that it can/does have on the adjacent water playground and zero depth pool area. As a result, the sand continues to end up in both the water playground and pool areas. This loose sand has a negative impact on the painted pool surface as it appears to be increasing the speed at which the paint is wearing. This sand also finds its' way into the filtration system. To try and prevent this excess wear, staff does their best to slow the process. Over 100 hours of staff time each season can be directly attributed to the remediation of the sand issues in the water areas. This does not include the additional wear on the equipment used to either vacuum, sweep, or rake these areas. The sand has also become a favorite nesting place for the Eastern Cicada Killer. This non-aggressive, large, black wasp looking insect, constantly causes issues due to overreactions of panic by both young children and adults. These nuisances also lead to frequent complaints by patrons. This project request is also a result of the ADA Audit and 2017 Aquatic Assessment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Bunker Hill Golf Course - Construct Cart Paths			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 370-2001		TOTAL PROJECT COST \$ 20,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Golf Fees	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for construction of asphalt cart paths on areas heavily used by motorized carts. With the increasing use of golf carts, several sections of the golf course, particularly the grass areas, are being damaged. As a result of the grass being destroyed, erosion takes place causing an increase in maintenance expense. Asphalt paths enable the City to regulate usage of carts on the golf course and reduce maintenance costs. Phasing the project as proposed will allow the areas of greatest need to be constructed each year. The paths constructed in previous Fiscal Years greatly improved both the appearance and ability to maintain those areas. Repair of existing cart paths as needed is also included in this project.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Bunker Hill Golf Course - Tee Improvements			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 370-1527		TOTAL PROJECT COST \$ 27,258
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 7,258		A. EXPENDITURE ITEMS						
		Construction	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ 7,258	\$ —	TOTAL	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 7,258		Golf Fees	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ 7,258	\$ —	TOTAL	\$ 10,000	\$ —	\$ 10,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for renovating tee areas. This project will be accomplished utilizing golf course personnel and golf course revenue. Several tee areas have a shallow dirt layer over rock, thus the health of the tee suffers most years. These will be renovated and dirt added. Red tee areas will be moved and enlarged on several tees. Enlarging the areas and improving the soil conditions will improve play for our patrons. Seventy-five percent of our players are recreational golfers that have a higher maintenance impact and will benefit from the improved red tees. Tee improvements completed to date have met with very positive comments from our golfers.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Bunker Hill Golf Course - Replace Irrigation System			YEAR FIRST SUBMITTED: FY 2015	TOTAL PROJECT COST	
						ACTIVITY NO: 350-1530 102-1530	\$ 254,132	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 180,000	\$ 54,132	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 200,000	\$ 54,132	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 200,000	\$ 54,132	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 200,000	\$ 54,132	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This two-phased project provides for replacing the Bunker Hill Golf Course irrigation heads and piping and is listed on the 2018 City Council Goals & Priorities under Diverse Arts, Culture, Parks, & Recreation as a Management in Progress for FY'20 Funding. Phase 2 of the irrigation project began in 2015 with the completion of a 9 hole section of the course in FY16. To reduce the financial impact of this project, it was recommended to be completed in two phases (Phases 2 & 3). During the bid process of Phase 2, bidders were asked to also bid Phase 3 as an alternate. Based on the phase 3 alternate bids and inflation (5% per year), the bid of \$190, 070 will increase to \$231,029 in FY20. The irrigation system for the tees and greens was installed around 1980 and the fairway system was added in 1992. In Fiscal Year 2011 the satellite controllers, master control panel, variable speed pump, backflow preventer, pump shelter and electrical controls were replaced. The PVC pipe has a life expectancy of 25 years in the ground. This means that the tees and greens were ready to be replaced 8 years ago. In several areas, the pipe wall thickness has worn to .156" which is more than half of the pipe wall. Out-dated galvanized steel swing joints still exist throughout the system. The rust shavings from the aged steel block or deter the heads from working properly. Complete shut-down of the system is required to perform maintenance. There are also no "zone" shut-off valves. As a result, when there is a break at the lowest end of the course, all the water has to come out of the broken pipe before repair can begin. This can take several hours, cause localized flooding, and waste countless gallons of water. Both the outdated and/or obsolete sprinkler heads continue to absorb much needed man hours due to the complexity of the repair as well as the money spent to purchase parts if available. These parts can cost up to \$300 which is close to the purchase of a new more modern head.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Paint Exterior Metal			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 350-2784 102-		TOTAL PROJECT COST \$ 99,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Contract Services	\$ 99,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 99,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 99,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 99,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting all the exterior metal of the Center. In 2009 the front metal and most of the metal around the River Room were painted. In FY 2017 this metal needed to be repainted, as well as the remaining metal on the back and north sides of the Center but was delayed. This was a priority for FY18 & FY19.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Replace Carpet			YEAR FIRST SUBMITTED: FY 2014	TOTAL PROJECT COST	
						ACTIVITY NO: 102-2113	360-2113	350-2113
								\$ 487,872
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 1,980	\$ 16,382	Design & Engineering	\$ 5,000	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ —
\$ 41,510	\$ 120,000	Construction	\$ 83,000	\$ —	\$ —	\$ 90,000	\$ 110,000	\$ —
\$ 43,490	\$ 136,382	TOTAL	\$ 88,000	\$ —	\$ —	\$ 100,000	\$ 120,000	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ 88,000	\$ —	\$ —	\$ —	\$ 120,000	\$ —
	\$ 136,382	Greater Downtown TIF	\$ —	\$ —	\$ —	\$ 100,000	\$ —	\$ —
\$ 43,490		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 43,490	\$ 136,382	TOTAL	\$ 88,000	\$ —	\$ —	\$ 100,000	\$ 120,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the carpet in various rooms and areas throughout the Grand River Center. Higher use areas of the convention center are on an eight-year replacement cycle. The carpeting establishes a new, fresh look to the room. Fiscal Year 2020 the six meeting rooms will be due for replacement carpet. FY23 will replace the ballroom carpet replacement (\$100,000). FY 24 will replace the pre-function, spine, stairs and elevator (\$85,000) and River room, ramp and pre-function to River Room (\$25,000).

RELATIONSHIP TO OTHER PROJECTS

This project is related to the GRC Replace Fabric Wall Covering (CIP 102-2112). This project is also related to Paint Interior Room and Areas (350-2391). The carpet and painting relates to the wall coverings in that all colors, fabrics and patterns are selected to redecorate the room at the time of the project.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Paint Interior Rooms and Areas			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 350-2391		TOTAL PROJECT COST \$ 87,270
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 27,270		A. EXPENDITURE ITEMS						
		Construction	\$ 40,000	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ 27,270	\$ —	TOTAL	\$ 40,000	\$ —	\$ —	\$ —	\$ 20,000	\$ —
		B. PROJECT FINANCING						
\$ 27,270		Sales Tax Fund (20%)	\$ 40,000	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ 27,270	\$ —	TOTAL	\$ 40,000	\$ —	\$ —	\$ —	\$ 20,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting interior rooms and areas of the Grand River Center. The FY20 project includes the back of house, stairwells and other smaller rooms which are original paint and painting the meeting room and exhibit hall prior to carpeting the same room in the same year. FY20 funding will also includes the River Room. FY 2024 funding would provide for the painting of the ballroom and lower section of the pre-function space prior to carpeting.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the GRC Replace Fabric Wall Covering (CIP 102-2112). This project is also related to Replace Carpet (CIP 102-2113, 360-2113, 350-2113). The carpet and painting relates to the wall coverings in that all colors, fabrics and patterns are selected to redecorate the room at the time of the project.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - Culture & Recreation	PROJECT TITLE: Replace Patio Caulk			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 25,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2019	2020	2021	2022	2023	2024
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 25,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the caulk on the patio and the River Room deck. There are numerous seams between all the concrete panels of the patio and River Room. The caulk is degrading in the outside elements and funding will provide for it to be removed and replaced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Table, Chair, Podium Replacement			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 350-1990	TOTAL PROJECT COST \$ 330,684	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 15,684		Equipment	\$ 15,000	\$ —	\$ —	\$ 300,000	\$ —	\$ —
\$ 15,684	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ 300,000	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 15,684		Sales Tax Fund (20%)	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
		DRA Distribution	\$ —	\$ —	\$ —	\$ 300,000	\$ —	\$ —
\$ 15,684	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ 300,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for podium replacement. Podium replacement cost is \$550 to \$1,500 each and replacement of banquet or meeting room tables is \$200 to \$400 each. Podiums are also heavily used and most are original (2003). All have been refurbished once. There are 600 tables in the inventory. FY20 funds would be used for podiums and tables. This project provides for replacing all stacking chairs in FY23. There were 3,000 chairs purchased when the building opened in 2003. The chairs will be 20 years old in that year. All have been recovered/refurbished numerous times. The original upholstery was custom-made and thus a limited quantity exists to reupholster chairs in the coming years. These chairs are heavily used and need to be comfortable and in good appearance for guest comfort and enjoyment of events/seminars. Frames are showing the wear and rusting in places. The chairs cost is \$100 per chair.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - Culture & Recreation	PROJECT TITLE: Landscape Renovations			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-2591		TOTAL PROJECT COST \$ 15,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 500	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 14,500	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for various landscape renovations. The landscape around the Grand River Center has matured and various areas are in need of renovations. The islands in the parking lots as well as common space areas all have plant materials that need to be replaced. The funds will be used for landscape materials and installation.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Sound Control Systems Upgrade			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-2302		TOTAL PROJECT COST \$ 111,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 3,000	Consultant Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 95,000	Equipment	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 98,000	TOTAL	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 98,000	Sales Tax Fund (20%)	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 98,000	TOTAL	\$ 13,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for upgrading the sound control systems. FY19 funding provided for the ballroom, river room, meeting rooms and pre-function, as well as the exhibit hall and spine. The FY20 CIP is for ancillary costs related to the project completion. The full project would include new wall controls, room combining, switching and routing systems, as well as audio mixing, feedback control and equalization. The sound quality has been declining in the rooms and this upgrade will address that deficiency. Expected life is 10-15 years thus replacement is necessitated.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Replace Bathroom Sink Light Fixtures			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 102-2785 102-	TOTAL PROJECT COST \$ 11,500	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 11,500	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 11,500	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 11,500	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 11,500	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the light fixtures (37) above the sinks in the public restrooms at the Grand River Center. The replacement of the light fixtures is necessary to begin as the current fixtures are no longer manufactured thus parts are not available. The funding provides for replacement of the two fixtures on either side of the mirror at each sink.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Energy Efficiency Improvements			YEAR FIRST SUBMITTED: FY 2015	TOTAL PROJECT COST	
						ACTIVITY NO: 350-2590	\$ 282,300	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 2,000	\$ —	\$ —	\$ —	\$ —
\$ 26,300	\$ 92,000	Construction	\$ —	\$ 50,000	\$ 21,000	\$ —	\$ —	\$ —
	\$ 91,000	Software	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 26,300	\$ 183,000	TOTAL	\$ —	\$ 52,000	\$ 21,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 26,300	\$ 183,000	Sales Tax Fund (20%)	\$ —	\$ 52,000	\$ 21,000	\$ —	\$ —	\$ —
\$ 26,300	\$ 183,000	TOTAL	\$ —	\$ 52,000	\$ 21,000	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ 1,500	\$ 1,600	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for energy saving improvements recommended by Alliant Energy Audit in 2012 and a Retro-Commissioning study completed in 2017. The City pays one half of the utilities. The project is replacement of garage lighting with LED, modulate hot water pump speed, and prefunction lighting with daylight sensors.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Become a resilient city using sustainable and affordable technology for water, energy, transportation, health and wellness, discard, community engagement – a model community for the world.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Market Study and Facility Assessment			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 65,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides a facility assessment and market study in preparation of the Center's first 20 years in FY22. The Grand River Center opened in 2003. In 2023, the facility will be 20 years old. Twenty years is the replacement cycle for many major mechanical systems within a building. The assessment will review and make recommendations about system upgrades and replacements necessary. The assessment would outline costs related to those replacements and consider improvements such as restroom and back-of-house renovations necessary for service and operation of the facility. The facility assessment would consider the Grand River Center's infrastructure in addition to the market study which would consider competing facilities and market opportunities. This information would be used in the consideration of the 20 year service cycle as well as if renovations to the meeting/event areas are necessary. These would be renovations beyond the decor upgrades that have been ongoing and pertain to physical layouts and patterns. Additionally, the study would consider trends of the hospitality industry that can affect the center market share.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Concrete Restoration			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-2710	TOTAL PROJECT COST \$ 50,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Professional Services	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding in FY 22 for fixing all cracks and grinding concrete in the exhibit hall, then applying a reflector enhancer epoxy. The concrete section is located at the entrance of the loading dock and next to the concession stand and endures a lot of abuse with the staging area and entrance of machinery, boats, and cars into the Exhibit Hall. Funding in FY 24 provides for sealing of the decorative concrete inside the Grand River Center at the entries. FY23 improvements would be to level the settled decorative concrete under the portico, fix cracked portions, and level the patio as well as reset the bricks that have settled in the river plaza area on the west side of the building.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Repaint Exhibit Hall Airwalls			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350- 102-	TOTAL PROJECT COST \$ 40,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 5,840	\$ —
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 34,160	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for repainting the airwalls in the Exhibit Hall. The airwalls were installed in 2003 and the paint is original. In FY 24 the paint will be 21 years old and in need of a refresh from scratches and staining.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Replace Fabric Wall Covering			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2112 350-2112	TOTAL PROJECT COST \$ 155,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ —	\$ 35,000	\$ 120,000	\$ 35,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 35,000	\$ 120,000	\$ 35,000
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ 35,000	\$ 120,000	\$ 35,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 35,000	\$ 120,000	\$ 35,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the vinyl-like wall covering. The wall covering in the ballroom was replaced in 2010. The meeting room was replaced in 2013. The air-walls were re-upholstered in 2016. In Fiscal Year 2023 the wall covering will be in need of replacement due to wear and staining from heavy use of the meeting room. This replacement schedule will coincide with the re-carpeting and painting of the meeting rooms. In Fiscal Year 2024 the ballroom will be in need of fabric wall re-covering due to wear and staining from heavy use of the room (\$20,000). This replacement schedule will coincide with the re-carpeting and repainting of the ballroom. Additionally the air-walls will be in need of re-upholstery in FY 24 (\$100,000) and would coincide with the re-carpeting and repainting of the room. This replacement schedule is based on past performance of wall coverings.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the GRC Replace Carpet CIP that is for the re-carpeting of the meeting rooms (CIP 102-2113, 360-2113, 350-2113). This project is also related to Paint Interior Room and Areas (350-2391). The carpet and painting relates to the wall coverings in that all colors, fabrics and patterns are selected to redecorate the room at the time of the project.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Replace Exterior Building Sign			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 350- 102-	TOTAL PROJECT COST \$ 40,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 40,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the exterior building sign located on the southwest corner of the building. The exterior building sign is original to the building (2003). It uses neon as the lighting source behind the sign. At the time of replacement, re-branding of the Center will be a consideration that would be taken into account.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 36 - Library		STATE PROGRAM: 4C - Culture and Recreation	PROJECT TITLE: Replace Water Piping in Carnegie Building - Phase Three			YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST	
						ACTIVITY NO: 102-2712 350-2712	\$ 279,190	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 36,923	\$ 100,067	Construction	\$ 142,200	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 36,923	\$ 100,067	TOTAL	\$ 142,200	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 36,923	\$ 48,667	DRA Distribution	\$ 142,200	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 51,400	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 36,923	\$ 100,067	TOTAL	\$ 142,200	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The water piping in the Carnegie building is very old and in poor condition causing frequent leaks that have caused damage in the facility. In fiscal year 2018 the first phase of replacing the piping began in the basement. The second phase of replacing the deteriorating water pipes includes the risers from the basement and is scheduled for FY19. The third phase (of five) represents piping to the third floor.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have a well-maintained and upgraded library.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 36 - Library		STATE PROGRAM: 4C - Culture and Recreation	PROJECT TITLE: Library Building Addition - Replace Roof			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 350-1187		TOTAL PROJECT COST \$ 120,029
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 120,029	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 120,029	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 120,029	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 120,029	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

Replace the roof on the 1980 library building addition. This improvement represents a continuation of efforts to maintain the infrastructure of the building. The warranty on the roof expired in 2013. New cracks on the roof appear each year and thus far the Library has fortunately found funding to repair these cracks. However, seam failure has also begun and the past fiscal year revealed a serious leak over a main electrical panel. Additionally, the roof now collects pooling and standing water when it rains. All efforts will be taken to ensure the replacement roof will have greater energy efficiency as well.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have a well-maintained and upgraded library.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 36 - Library		STATE PROGRAM: 4C - Culture and Recreation	PROJECT TITLE: Circulating Pumps for HVAC System			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 350-1787		TOTAL PROJECT COST \$ 37,408
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 37,408	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 37,408	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 37,408	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 37,408	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This improvement provides pumps that can meet the capacity demand of the HVAC system, while also furnishing a back-up. Presently both pumps, which are undersized, are required to run to operate the system. Correctly sized pumps offer variable speeds and one can act as back-up if the other goes out. The improvement also provides a continuation of rehabilitation efforts and to upgrade the environmental quality and safety of the building.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have a well-maintained and upgraded library.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Meter Product Replacement Program			YEAR FIRST SUBMITTED: FY 2019	ACTIVITY NO: 740-2052	TOTAL PROJECT COST \$ 627,502
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Water Registers	\$ 62,500	\$ 120,500	\$ 120,500	\$ 20,000	\$ 120,500	\$ 120,500
		Water Meters	\$ 8,030	\$ 8,030	\$ 8,030	\$ —	\$ 8,030	\$ 8,030
		Meter Interface Units (MIU's)	\$ 9,315	\$ 21,735	\$ 24,840	\$ 36,412	\$ 31,050	\$ 34,155
	\$ 28,030	Equipment Acquisition	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 28,030	TOTAL	\$ 79,845	\$ 150,265	\$ 153,370	\$ 56,412	\$ 159,580	\$ 162,685
		B. PROJECT FINANCING						
	\$ 28,030	Water Construction Fund	\$ 79,845	\$ 150,265	\$ 153,370	\$ 56,412	\$ 159,580	\$ 162,685
\$ —	\$ 28,030	TOTAL	\$ 79,845	\$ 150,265	\$ 153,370	\$ 56,412	\$ 159,580	\$ 162,685

PROJECT DESCRIPTION/JUSTIFICATION

In 2009, the City of Dubuque conducted a city-wide water meter replacement program. All meters were replaced with Neptune brand water meters. Each part and product warranty varied with the meter assemblies. WATER REGISTERS had a 10 year full replacement warranty from the ship date of 2010; the warranty expiration is 2020, after which date the City will be responsible for the costs of replacement parts. There are approximately 19,772 older style (first run) registers that are prone to failure. Starting in year 2020 (FY19) first run registers will likely need to be replaced, at a cost of \$101.50 per unit. The warranty period for the WATER METER (accuracy) is 5 years from ship date. Staff has found that meters with serial numbers of 8879XXXXX have a high failure rate. There are approximately 924 of these serial numbers in Dubuque. Neptune has agreed to work with the City and will replace meters starting with 8879 under warranty. Should Neptune not replace all 8879 meters, an estimated 73 meters per year at estimated cost of \$8,030.00/year may be necessary until all are changed out by 2029. METER INTERFACE UNITS (MIUs) have a 10 year full replacement warranty from ship date, the remaining 10 years are prorated. Starting in year eleven (11) the City pays 30% and each year thereafter the City's percentage goes up 5% until the warranty is finished in 2034. The initial batch of MIUs estimated at 19,789 would need to be replaced first. Staff estimates change outs starting in year 2020 and continuing until at least 2035.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project can be funded with Water Construction Funds. Possible State Revolving Fund project, subject to verification.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Main Relocation for Sanitary Sewer Manhole Project			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 740-2596		TOTAL PROJECT COST \$ 110,460
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 60,460	A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	\$ —
\$ —	\$ 60,460	TOTAL	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	\$ —
		B. PROJECT FINANCING						
	\$ 60,460	Water Construction Fund	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	\$ —
\$ —	\$ 60,460	TOTAL	\$ —	\$ —	\$ 25,000	\$ —	\$ 25,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the scheduled replacement/relocation of water mains as part of the Sanitary Sewer Manhole Replacement/Rehabilitation project. This fund covers the cost of material and labor for the relocation of water mains currently located in sewer manholes. The water mains must be relocated due to health and safety concerns in addition to meeting separation requirements of the Iowa Department of Natural Resources and Ten State Standards.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the City Engineering Sanitary Sewer Manhole Replacement/Rehabilitation program, CIP #710-1335, and needs to be scheduled in the same fiscal year(s) as those Engineering projects.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project maybe funded by Water Construction Funds and SRF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Main Upgrades during Street General Repairs			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 740-2657		TOTAL PROJECT COST \$ 110,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 7,000	Design & Engineering	\$ —	\$ —	\$ 2,000	\$ —	\$ 3,000	\$ —
	\$ 58,000	Construction	\$ —	\$ —	\$ 18,000	\$ —	\$ 22,000	\$ —
\$ —	\$ 65,000	TOTAL	\$ —	\$ —	\$ 20,000	\$ —	\$ 25,000	\$ —
		B. PROJECT FINANCING						
	\$ 65,000	Water Construction Fund	\$ —	\$ —	\$ 20,000	\$ —	\$ 25,000	\$ —
\$ —	\$ 65,000	TOTAL	\$ —	\$ —	\$ 20,000	\$ —	\$ 25,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to support design and construction of water main improvements or relocations resulting from roads and street related improvements. This project is an annual program providing for the design and construction of water mains that are to be replaced or relocated as part of the general street construction repairs and related improvements. This project is to be coordinated with street projects developed in the Engineering and Public Works departments.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Street General Repairs Program, CIP #300-2142.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Maintenance of Public Water Mains during Stone Retaining Wall Repair			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 740-2655		TOTAL PROJECT COST \$ 82,550
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 2,000	\$ —	\$ 2,050	\$ —	\$ 2,050
	\$ 40,000	Construction	\$ —	\$ 18,000	\$ —	\$ 20,500	\$ —	\$ 20,500
\$ —	\$ 40,000	TOTAL	\$ —	\$ 20,000	\$ —	\$ 22,550	\$ —	\$ 22,550
		B. PROJECT FINANCING						
	\$ 40,000	Water Construction Fund	\$ —	\$ 20,000	\$ —	\$ 22,550	\$ —	\$ 22,550
\$ —	\$ 40,000	TOTAL	\$ —	\$ 20,000	\$ —	\$ 22,550	\$ —	\$ 22,550

PROJECT DESCRIPTION/JUSTIFICATION

Funding for this project provides for repair or relocation of existing water mains that may be impacted by repair work associated with retaining walls that are owned or are the responsibility of the City of Dubuque. It is necessary for the department to evaluate the water mains adjacent to or crossing retaining walls as they may need to be replaced, supported, or relocated during the retaining wall repair. Access to the water mains in these locations is often difficult and a condition assessment is completed as part of this project to determine if there is strain or issues with the water main. This annual program allows for maintenance, repair and reconstruction of the water mains.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Stone Retaining Wall Program, CIP #300-1029.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Fire Hydrant Assembly Relocation / Replacement for Sidewalk Program			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 740-2654		TOTAL PROJECT COST \$ 149,305
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 32,375	\$ 16,000	Construction	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,400	\$ 20,400
\$ 240		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 290		Machinery & Equipment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 32,905	\$ 16,000	TOTAL	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,400	\$ 20,400
		B. PROJECT FINANCING						
\$ 32,905	\$ 16,000	Water Construction Fund	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,400	\$ 20,400
\$ 32,905	\$ 16,000	TOTAL	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,400	\$ 20,400

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for two (2) fire hydrant assemblies to be relocated/replaced per year related to the City's sidewalk and curb ramp inspection and replacement program. Replacement of sidewalks, particularly those abutting the curb line at an intersection, will require the installation of curb ramps, typically fire hydrants are also located behind the curb line at an intersection and often conflict with the location where curb ramps will be located or replaced. It is anticipated in future years this program will increase with the installation of curb ramps with detectable warnings required by the Americans with Disabilities Act (ADA).

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Curb and Catch Basin Replacement Program, CIP 260-1236.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Cottingham Road Water Main Extension and Highway Boring			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 740-2746		TOTAL PROJECT COST \$ 1,085,937
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 108,593	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 977,344	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 1,085,937	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ 1,085,937	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 1,085,937	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

IDOT is reconstructing the intersection Highway 20 and Swiss valley Road. The City has been notified to upgrade any City utilities we have within that corridor to meet current IDOT standards. The City's only water main crossing in the Westside Water System at this location is a 8" water main that doesn't have the required casing to protect the water main that will be under the IDOT's new paving. City is required to upgrade this water main crossing to current IDOT standards. In addition to the boring upgrade, Water Department will be required to install a 12" water main on Cottingham Road (including highway boring) from the existing Westside Water Tower to the existing water main on Cottingham Road to supply water service to the Cedar Crest Subdivision during the 8" highway casing project. With the completion of this project the City will have the means of two water service lines across the highway to supply water service to the Cedar Crest Subdivision.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other City capital projects but is related to the IDOT Highway 20 - Swiss Valley intersection project.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Southwest Arterial Water Main Extension			YEAR FIRST SUBMITTED: FY 2016	TOTAL PROJECT COST	
						ACTIVITY NO: 740-2594 360-2594	\$ 2,336,274	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 124,247	A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Land and R.O.W.	\$ 35,000	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 1,357,027	Construction	\$ 740,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 1,481,274	TOTAL	\$ 855,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 1,481,274	Water Construction Fund	\$ 855,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 1,481,274	TOTAL	\$ 855,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to extend water service to and along the Southwest Arterial corridor to current and future customers. The funds requested in FY20 include the installation of water main from HWY 20 connecting to existing main that was installed along the Menards Frontage Road, heading south to the SW Arterial roundabout, then crossing the arterial and heading east toward English Mill Road. The resulting benefit is a phased water main installation project that accomplishes water main looping to reduce water supply outages and supplying water to growth areas. The project directly addresses the necessary water main loop to the English Mill Pump Station, the Westside Water system (7th and 8th pressure zones), the existing 3rd pressure zone that supports the 6th pressure zone (Airport area), and potential growth and development in the immediate area of US 20 and the SW Arterial. The current project under FY19 provides funding for the installation of water main casing pipe at four predetermined SW Arterial crossings, and possible easement acquisitions for future water main installation.

RELATIONSHIP TO OTHER PROJECTS

Portions of this project is related to CIP #300-1287 Southwest Arterial Project in different phases.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

Water Construction Funds, Housing TIF, possible State Revolving Fund.

DEPARTMENT: Water Department	STATE PROGRAM: Business Type	PROJECT TITLE: Southwest Arterial Water Main Extension	PROGRAM: DEPARTMENT: FD/CIP NO:	8C 42 740-2594 360-2594	TOTAL PROJECT COST \$ 2,336,274
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	2019-20	2020-21	2021-22	2022-23	2023-24	BEYOND 2024
From N. Cascade Road to English Mill pump station						\$ 1,305,000
South West Arterial 12" water main (4th pressure zone) from						\$ 978,750
South West Arterial 16" water main (4th pressure zone) from	\$ 855,000					
Lake Eleanor Road Water Main Loop Connection						\$ 115,000
Military Road 16" water main (from Key West Drive to S.W. Arterial)						\$ 345,000
HWY 151/61 off ramp to Olde Davenport Road 12" water main						\$ 295,000
South West Arterial 16" water main (from N. Cascade Road to HWY 151/61)						\$ 3,375,000
Key West Water Tower - 1.5 million gallons (3rd pressure zone)						\$ 4,300,000
English Mill Road 16" WP from S.W. Arterial to Crescent Ridge						\$ 1,900,000
	\$ 855,000	\$ —	\$ —	\$ —	\$ —	\$ 12,613,750

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: SCADA & Communications Infrastructure Improvement Project			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 740-1339		TOTAL PROJECT COST \$ 830,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Software	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Hardware	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 250,000	\$ 325,000	\$ —	\$ —	\$ —	\$ —
		Design & Engineering	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 505,000	\$ 325,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ 505,000	\$ 325,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 505,000	\$ 325,000	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200	\$ 1,200

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of existing Supervisory Control and Data Acquisition (SCADA) hardware and software and the installation of replacement radio communications with fiber optic communications at the Eagle Point Water Treatment Plant, wells, pump stations, tanks, and towers. The existing SCADA programming and operating system RSLogix 500 is outdated and the hardware is no longer supported by the manufacturer/vendor and will need to be replaced for continued remote operations from and at the water treatment plant. The existing hardware has reached its capacity for installing new infrastructure controls and devices required to communicate with tanks, towers and other distribution hardware. This project also provides for the replacement of the existing communications channel. Currently, SCADA data is relayed to and from the water treatment plant from the remote sites via radio, however, the radio path is experiencing significant interference due to other devices transmitting data. The interference results in loss of communications and an immediate response is required by a technician to problem solve and restore communications. Over time this method of communication has become more challenging, continues to be prone to failure, and presents safety concerns as the radio antenna must be inspected by City staff requiring them to climb the tanks and towers. The project includes installation of fiber conduit and fiber optic lines as a replacement of the existing radio system to all current remote sites, with improved ability to expand to further locations as the City grows. The fiber optic portion of the project, estimated at \$575,000, complements the City's existing fiber optic network and is supported by Information Services and Engineering as an approved solution to improved communications. The enhanced fiber optic network will loop areas currently not connected, and will increase the City's opportunities to work with cellular companies that look to install their hardware on tanks and towers and transmit data via fiber optic lines. The fiber optic communications for Roosevelt Water Tower is included in this project. FY20 provides the engineering and design of the fiber optic communication ready SCADA system along with software and hardware upgrades at the Water Treatment Plant, and installation of conduit and fiber optic communications line to the proposed Roosevelt Water Tower. FY21 provides for the installation of conduit and fiber optic line to tanks, towers, and pump stations.

DEPARTMENT: 42 - Water Department	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: SCADA & Communications Infrastructure Improvement Project	YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 740-1339	TOTAL PROJECT COST \$ 830,000
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RELATIONSHIP TO OTHER PROJECTS

This project is related to CIP 740-1672: Roosevelt Water Tower.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents and Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds and State Revolving Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: North Cascade Road Water Main Extension			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 740-2525	TOTAL PROJECT COST \$ 804,100	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 80,400	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 723,700	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 804,100	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ 804,100	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 804,100	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to provide water service along North Cascade Road to the South West Arterial, which will connect to Creek Wood Drive existing water main, creating a water main loop system. Water service is necessary to promote growth along the South West Arterial corridor. Creating water distribution loops in support of fire and domestic water supply. FY 20 is budgeted to install water main on N. Cascade Road from Tyra Lane to Edval Lane.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Southwest Arterial Capital Improvement Project #300-1287.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may be funded through Water Construction Funds or TIF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Main Replacements - Streets			YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 740-1405		TOTAL PROJECT COST \$ 955,958
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 46,860	Design & Engineering	\$ 20,900	\$ 20,600	\$ —	\$ —	\$ —	\$ —
\$ 10,565	\$ 483,533	Construction	\$ 188,100	\$ 185,400	\$ —	\$ —	\$ —	\$ —
\$ 10,565	\$ 530,393	TOTAL	\$ 209,000	\$ 206,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 10,565	\$ 530,393	Water Construction Fund	\$ 209,000	\$ 206,000	\$ —	\$ —	\$ —	\$ —
\$ 10,565	\$ 530,393	TOTAL	\$ 209,000	\$ 206,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an ongoing annual water main replacement associated with the City street improvement program. We have evaluated the integrity of water mains for the street improvement programs. Many sections of water mains, valves and hydrants are subject to failing due to corrosion and weathering. This project is for the replacement and repair of impaired water system infrastructure as part of the Street Improvement Program. Funding for future water main replacement projects will be evaluated annually and in conjunction with street improvement projects city-wide. Key projects include: KeyWay behind ARC (Econofoods) water main replacement will be necessary due to the highly corrosive soils in and around the water main. FY20 Projects: Kleine Street \$47K and Central Avenue Resurfacing (9th to 21St) \$162K. FY21 Project: Chavenelle Road Reconstruct NW Arterial to Radford Road \$206K.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Street Replacement Programs, CIPs 360-2552 & 300-2724. This project needs to be scheduled in the same fiscal year as those projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Main Replacements			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 740-2658		TOTAL PROJECT COST \$ 593,349
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 12,500	\$ —	\$ —	\$ —	\$ —	\$ 72,300
	\$ 470,849	Construction	\$ 110,000	\$ —	\$ —	\$ —	\$ —	\$ 650,700
\$ —	\$ 470,849	TOTAL	\$ 122,500	\$ —	\$ —	\$ —	\$ —	\$ 723,000
		B. PROJECT FINANCING						
	\$ 470,849	Water Construction Fund	\$ 122,500	\$ —	\$ —	\$ —	\$ —	\$ 723,000
\$ —	\$ 470,849	TOTAL	\$ 122,500	\$ —	\$ —	\$ —	\$ —	\$ 723,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an ongoing annual water main replacement associated with the City sanitary sewer improvement and consent decree program. We have evaluated the integrity of water mains for the sanitary sewer and consent decree programs. Many sections of water mains, valves and hydrants have lost their integrity due to corrosion and weathering process. We will replace and repair these sections as part of the sanitary sewer and consent decree program. This will ensure that the water system functions properly under the new concrete pavement and streets rescheduled to have an asphalt project overlay (not City public works overlay program). FY 20 is proposed for Heeb Street. (FY19 Marquette Place)

RELATIONSHIP TO OTHER PROJECTS

This project is related to other capital projects. CIP # 710-1289 Sewer Consent Decree.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund or SRF.

DEPARTMENT: 42 - Water Department	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Main Replacements	YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 740-2658	TOTAL PROJECT COST \$ 593,349
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	2020	2021	2022	2023	2024	BEYOND 2024
Heeb Street (Sanitary Project)	\$ 122,500					
Loras Blvd. (Walnut to Prairie St.)						\$ 45,000
Monroe Street S.S. Extension						\$ 65,000
Brunswick Street S.S. project						\$ 65,000
Fairway Drive S.S. project (Bunkerhill)						\$ 150,000
Southgate S.S. project (easement)						\$ 78,000
King Street S.S. project						\$ 105,000
Hempstead St. S.S. project						\$ 120,000
Grove Terrace S.S. project						\$ 95,000
Custer & Auburn						\$ 165,000
Total	\$ 122,500	\$ —	\$ —	\$ —	\$ —	\$ 723,000

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Public Lead Line Water Main Replacement			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 740-2744		TOTAL PROJECT COST \$ 318,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 4,697	Design & Engineering	\$ 11,833	\$ 12,470	\$ 9,500	\$ —	\$ —	\$ —
	\$ 45,000	Construction	\$ 50,000	\$ 110,000	\$ 75,000	\$ —	\$ —	\$ —
\$ —	\$ 49,697	TOTAL	\$ 61,833	\$ 122,470	\$ 84,500	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 49,697	Water Construction Fund	\$ 61,833	\$ 122,470	\$ 84,500	\$ —	\$ —	\$ —
\$ —	\$ 49,697	TOTAL	\$ 61,833	\$ 122,470	\$ 84,500	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the removal and replacement of the Water Departments existing public lead water mains. Scheduled in phases, Union Street FY 18-19, Austin Street FY 19-20, May Place FY 20-21, Washington Street FY 21-22 and Roland Street FY 22-23. This project will eliminate the Water Department's public lead line water mains that were installed in the early 1920's. This is part of a phased proactive approach to upgrade the water distribution system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund or SRF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Line Extensions to New Developments			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 740-		TOTAL PROJECT COST \$ 957,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 192,925	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 114,575	\$ 650,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 307,500	\$ 650,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ —	\$ 307,500	\$ 650,000	\$ —	\$ —	\$ —
\$ —		TOTAL	\$ —	\$ 307,500	\$ 650,000	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ 25,422	\$ 25,422	\$ 25,422	\$ 25,422	\$ 25,422

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the installation of water main extensions to new and proposed developments as part of new or existing agreements. Projects will be phased and where applicable, the City may be requested to take ownership of a system and provide operation and maintenance of the separate system until such time as City funds are available to connect. Each project is be verified for State Revolving Fund eligibility.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund and SRF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Wells, Well Field, & Well Transmission Piping Repair and Rehabilitation Program			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 740-1415		TOTAL PROJECT COST \$ 466,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 2,000	Design & Engineering	\$ —	\$ 27,000	\$ —	\$ —	\$ 2,500	\$ 1,500
	\$ 135,000	Construction	\$ —	\$ 200,000	\$ —	\$ —	\$ 100,000	\$ 50,000
\$ —	\$ 137,000	TOTAL	\$ —	\$ 227,000	\$ —	\$ —	\$ 102,500	\$ 51,500
		B. PROJECT FINANCING						
	\$ 137,000	Water Construction Fund	\$ —	\$ 227,000	\$ —	\$ —	\$ 102,500	\$ 51,500
\$ —	\$ 137,000	TOTAL	\$ —	\$ 227,000	\$ —	\$ —	\$ 102,500	\$ 51,500

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for repairs and rehabilitation associated with the City's groundwater supply (wells, pumps, motors) including source water protection of the well field and the raw water transmission lines from the wells to the treatment plant. The City draws from both shallow and deep wells and each well should be inspected every 5 years and 10 years respectively, barring any known issues. Well No. 7 is experiencing issues, and is pumping sand, which can lead to premature wear and tear of pump impellers, possible plugging of the well transmission main and increased operations expense. The well needs to be inspected to determine what rehabilitation may be necessary and a condition assessment made of the column piping, pump and motor. Well No. 4 was last inspected in 2008 and has experienced a drop in water production. The well should be inspected and the well screen cleaned to remove sediment or debris that may be reducing well output. Rehabilitation of Wells 4 and 7 are requested in FY19. Well Nos. 5 and 10 are scheduled for FY 21, Well Nos. 2 and 3 are scheduled for FY 24 and Well No. 9 is scheduled for FY 25. The well field from where the City draws its drinking water supply was subject to the Safe Drinking Water Act amendments of 1996, which required a Source Water Assessment. The Assessment included evaluating the level of protection that was in place to protect sources of drinking water. The well field should be evaluated to determine what improvements are necessary to ensure the City is continuing to assess the protective measures in place for the City's drinking water supply. FY 21 provides for funding for source water protection. The project also provides for funding associated with the raw water transmission lines from the wells to the treatment plant. Raw water transmission lines can accumulate iron and sediment and over time, the flow will be restricted thereby reducing capacity of the water line. The raw water transmission lines need to be cleaned or pigged to remove mineral accumulation and remove sediment. In FY 21, this project provides for an engineering study and services required to clean the transmission lines from the shallow well field to the treatment plant. A proactive raw water transmission line cleaning program will optimize well efficiency and improve water quality, lower daily, peak and lifetime power use.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund and SRF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Chesterfield Drive Water Main Extension			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 740-2747		TOTAL PROJECT COST \$ 416,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Design & Engineering	\$ —	\$ 36,500	\$ —	\$ —	\$ —	\$ —
	\$ 90,000	Construction	\$ 15,000	\$ 265,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 100,000	TOTAL	\$ 15,000	\$ 301,500	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 100,000	Water Construction Fund	\$ 15,000	\$ 301,500	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 100,000	TOTAL	\$ 15,000	\$ 301,500	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

IDOT is planning to construct Chesterfield Drive from Stone Valley Drive to Barrington Drive by 2019. A 12" water main is planned for this street construction to support future development growth and back up support to the 8th pressure zone (Barrington Lakes Subdivision).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may be funded through Water Construction Funds or State Revolving Fund. Potential for TIF.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Source/ Process and Distribution Hydraulic Model: Master Plan			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 740-		TOTAL PROJECT COST \$ 165,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 115,000	\$ 25,000	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 115,000	\$ 25,000	\$ —	\$ 25,000	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ —	\$ 115,000	\$ 25,000	\$ —	\$ 25,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 115,000	\$ 25,000	\$ —	\$ 25,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the development of a City of Dubuque Water Supply, Process Evaluation, and Distribution Master Plan. Over the past few decades, the City of Dubuque has experienced an increase in development, both residential and commercial, and growth of the community beyond the distribution and storage system original footprint. Most notably, the water infrastructure has expanded to include Twin Ridge to the south and Vernon and Barrington Lakes water systems to the west, and having reliable and dependable water infrastructure is critical to supporting all of the City's customers today and tomorrow. As the City looks to the future outlined in the Comprehensive Plan and with the completion of the SW Arterial, it is increasingly important that the existing water infrastructure is hydraulically analyzed to determine its capacity and capability to serve. A master plan will serve to provide direction in the development of alternative and additional water supply sources and treatment facilities, improve customer service through the evaluation of the pressure zones serving Dubuque, evaluate the existing aging water treatment plant and its processes, and determine a strategy for systematically replacing/rehabilitating aging distribution infrastructure. FY21 funding is for the completion of the Eagle Point Water plant and source water analysis following completion of upgrades in 2020, and ongoing project funding is for updates to the City-wide distribution hydraulic model.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Sustainable, Equitable and Effective Service Delivery.

FUNDING RESTRICTIONS

This project may be funded through Water Construction Funds or State Revolving Fund.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Water Storage Tank Coating Program			YEAR FIRST SUBMITTED: FY 2009 ACTIVITY NO: 740-2656		TOTAL PROJECT COST \$ 1,645,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 45,000	A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ —	\$ 150,000	\$ —	\$ 100,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 1,350,000	\$ —	\$ 900,000
\$ —	\$ 45,000	TOTAL	\$ —	\$ —	\$ 150,000	\$ 1,350,000	\$ 100,000	\$ 900,000
		B. PROJECT FINANCING						
	\$ 45,000	Water Construction Fund	\$ —	\$ —	\$ 150,000	\$ 1,350,000	\$ 100,000	\$ 900,000
\$ —	\$ 45,000	TOTAL	\$ —	\$ —	\$ 150,000	\$ 1,350,000	\$ 100,000	\$ 900,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the funding to clean, spot prime and paint the interior and exterior of the Water Storage Tanks. Painting of water tanks is a cyclical program; coatings can last up to 20-25 years. A study was conducted in 2010 by KLM Engineering; the results from this study supports the need to proceed with this program as identified. Tanks to be addressed are: College (2022/3 \$1.5M) Pennsylvania (2024/5, \$1M), Park Hill (2026/7, \$500,000). Tank coatings are required to maintain the structure of the tank, the water quality to reduce bio-film, as well as enhancing the aesthetics of the tanks. This project is related to Water Source: Initial Plan and Distribution Hydraulic Model/Master Plan. Tank maintenance may be adjusted to reflect possible operational and capital improvements recommended in the Water Master Plan. Further analysis following installation of the Roosevelt Street Water Tower will provide the information necessary to determine the prioritization of tank coating work on the other water tanks.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth.

FUNDING RESTRICTIONS

This project may be funded through Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Old Davenport Road Water Main Extension/ Pump Station			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 740-2786		TOTAL PROJECT COST \$ 100,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
			\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Water Construction Fund	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for water main extension and increased diameter of a main scheduled for installation by Other along Old Davenport Road starting at HWY 151/61. The project will connect to existing water main in HWY 151/61 heading east. This project supports growth in the region, improved water quality, and partnerships. Later phases of the project provide for approx. 11,000 feet of water main installation along Old Davenport Road in the 3rd pressure zone to support utility growth in the Highway 61/151 corridor and to provide adequate water volume and pressure at the higher elevation. This pressure zone will connect (loop) to and support the existing Airport pressure zone (6th pressure zone). This project promotes growth along the Highway 61/151 South corridor.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Tamarack Park Drive/Wood Gate Drive Frontage Road Water Main Extension			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 740-2745		TOTAL PROJECT COST \$ 1,183,125
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 55,000	Design & Engineering	\$ —	\$ —	\$ —	\$ 65,000	\$ —	\$ —
	\$ 463,125	Construction	\$ —	\$ —	\$ —	\$ —	\$ 600,000	\$ —
\$ —	\$ 518,125	TOTAL	\$ —	\$ —	\$ —	\$ 65,000	\$ 600,000	\$ —
		B. PROJECT FINANCING						
	\$ 518,125	Water Construction Fund	\$ —	\$ —	\$ —	\$ 65,000	\$ 600,000	\$ —
\$ —	\$ 518,125	TOTAL	\$ —	\$ —	\$ —	\$ 65,000	\$ 600,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

Phase One was the installation of a 16" diameter water main near Elmwood Drive and Highway 151/61 intersection to the north property line (Tamarack Park Drive) in preparation for future connection with the South West Arterial water main and continuing south to the intersection of Tamarack Park Drive and Highway 151/61. Phase Two (2024, subject to change per agreement) includes continuing the 12" diameter water main installation from the end of Phase Two (Tamarack Park Drive and Highway 151/61) to Wood Gate Drive. Installation of a 12" water main from Highway intersection to the south property line for future loop to support future growth and Airport pressure zone. This project supports the pre-annexation agreement of Tamarack Park development. Per the agreement, water main is planned to be installed within a two year period of request or maximum of seven years from approved agreement and future development growth along the west side of Highway 151/61.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: West End Annexation Phase II			YEAR FIRST SUBMITTED: FY 2004 ACTIVITY NO: 740-2146	TOTAL PROJECT COST \$ 200,250	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 200,250	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 1,584,750
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 200,250	\$ 1,584,750
		B. PROJECT FINANCING						
		Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 200,250	\$ 1,584,750
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 200,250	\$ 1,584,750

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for implementation of the amended annexation study based on models established in previous studies. As a result of these studies, the funds allocated would be used to support utility growth into the areas located north of the City's west side of the industrial park along Seippel Rd and Pennsylvania Ave north of Seippel Road to 600 acres that have annexed into the City of Dubuque. This project would be north on Seippel Road to west along Pennsylvania Ave and then west 9,300 feet, with installation of a pump station. The utilities have not been requested by property owners for the previously annexed areas and the City does not know when it will be necessary to construct the utilities. Due to this uncertainty, design is budgeted beyond Fiscal Year 2023 with construction. If the utilities are requested prior to Fiscal Year 2023, the City will adjust the budget as necessary to comply with the requests. The City has completed action steps adopted by the City Council as a result of the previous annexation study and has either completed or budgeted the balance of utility extensions necessary to serve citizens and businesses within the annexed areas. To maintain the City's ability to meet new growth demands, it is necessary to position ourselves for the future demand by identifying those growth areas and the costs associated with extending City services. As land develops, the City anticipates recovering a portion of costs through connection fees.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: West End Annexation Study and Implementation Phase I			YEAR FIRST SUBMITTED: FY 2004 ACTIVITY NO: 740-1012	TOTAL PROJECT COST \$ 70,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 70,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 915,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 70,000	\$ 915,000
		B. PROJECT FINANCING						
		Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 70,000	\$ 915,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 70,000	\$ 915,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for implementation of a new annexation study based on the models established during the previous study. As a result of these studies, the funds allocated would be used to support utility growth into the areas located north of the City's west Industrial Park along Seippel to the north side of Asbury Road and along Pennsylvania Ave. The utilities have not been requested by property owners for previously annexed areas and the City does not know when it will be necessary to construct the utilities. Due to this uncertainty, design is budgeted in Fiscal Year 2023 with construction in Beyond 2024. If the utilities are requested prior to Fiscal Year 2023, the City will adjust the budget as necessary to comply with the requests. The City has completed action steps adopted by City Council as a result of the previous annexation study and has either completed or budgeted the balance of utility extensions necessary to serve citizens and businesses within the annexed areas. To maintain the City's ability to meet new growth demands, it is necessary to position ourselves for that future demand by identifying those growth areas and the costs associated with extending City services. As land develops, the City anticipates recovering a portion of costs through connection fees.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Creek Crossing Restoration			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 740-2595		TOTAL PROJECT COST \$ 162,807
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 33,764	Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 94,043	Construction	\$ —	\$ —	\$ —	\$ —	\$ 35,000	\$ —
\$ —	\$ 127,807	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 35,000	\$ —
		B. PROJECT FINANCING						
	\$ 127,807	Water Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 35,000	\$ —
\$ —	\$ 127,807	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 35,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the protection of water mains located across and through drainage-ways and creeks. During past storm events, the water main creek crossing protection or erosion control has washed away exposing lengths of the water distribution system. This project provides for the necessary restoration of the water main protection in and around creek crossings to prevent further exposure of the water mains. The locations and cost estimates are as follows:

Cost Estimate	Project Name	Cost Estimate	Project Name	Cost Estimate	Project Name
\$ 5,000	Pennsylvania Ave	\$ 13,200	Northwest Arterial (East)	\$ 5,000	32nd at Ski Slope
\$ 5,000	Seippel Rd.	\$ 15,900	Fremont Ave.	\$ 6,500	Carter Rd. 950' south of 32nd St
\$ 33,120	Cousins Rd.	\$ 5,000	Louella Lane	\$ 26,900	Carter Rd. at 32nd
\$ 9,500	Radford Rd.	\$ 9,680	Southern Ave.		
\$ 22,350	Northwest Arterial (West)	\$ 5,000	Rockdale at Brian		

RELATIONSHIP TO OTHER PROJECTS

A section of this project is related to other capital projects (S.W. Arterial/Highway 20 intersection - currently underway). Other sections of this project are not related to other capital projects.

OUTCOME

Sustainable Environment: Provide safe, dependable drinking water for all residents.

FUNDING RESTRICTIONS

This project is restricted to the Water Construction Fund.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Final Clarifier Rehabilitation			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 710-2598		TOTAL PROJECT COST \$ 539,325
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 19,325		A. EXPENDITURE ITEMS						
		Construction	\$ 115,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ —	\$ —
		Engineering Services	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ —	\$ —
\$ 19,325	\$ —	TOTAL	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ —	\$ —
\$ 19,325		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 19,325	\$ —	TOTAL	\$ 130,000	\$ 130,000	\$ 130,000	\$ 130,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project allows for the rehabilitation of four final clarifiers. The project includes blasting and painting of the feed well, scum arms and blades including supports and energy dissipating baffles; replacement of the tow bro suction header; and rehabilitation of the tank walls of each of the clarifiers. The final clarifiers were originally constructed in 1974, and rehabilitated in 1994. Typical life expectancy of a rehabilitated clarifier is 20 years. Rehabilitation would extend the life of the clarifiers by 20 years.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Catfish Lift Station Spare Pump			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 710-2412		TOTAL PROJECT COST \$ 55,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 55,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide a spare pump for the Cedar Street Lift Station. The pump would improve long-term reliability of the station. Lead-time for pump delivery can be up 180 days. With this pump in inventory, it would allow staff to promptly replace a pump in the case of failure.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Lift Station SCADA Upgrades			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-1339		TOTAL PROJECT COST \$ 300,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 50,000	A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ —
\$ —	\$ 50,000	TOTAL	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ —
		B. PROJECT FINANCING						
	\$ 50,000	Sanitary Sewer Construction Fund	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ —
\$ —	\$ 50,000	TOTAL	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a SCADA connection to all lift stations, including integration with the W&RRC SCADA system. SCADA connection to all stations, including pump status, pump starts, and flow would provide real-time information that would allow staff to respond quickly to lift-station failures. Enhanced monitoring at stations, including bar screen monitoring, vibration sensing, cameras, and audio would allow reduced staff visits to lift stations, lowering operating costs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Become a resilient city using sustainable and affordable technology for water, energy, transportation, health and wellness, discard, community engagement – a model community for the world.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Camera System Upgrade			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 710-2787		TOTAL PROJECT COST \$ 45,900
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 45,900	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 45,900	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ 45,900	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 45,900	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides 9 new 180-degree cameras with 32 camera sensors, 1 new recording server to store video for 30+ days, 1 PoE switch for powering cameras, and Milestone VMS software. The project would replace components of the obsolete camera system now in use at the WRRRC. The milestone system is currently used by Engineering for monitoring traffic cameras. The system also has the ability to expand the number of cameras in use at the WRRRC, increasing monitoring capabilities for remote operations. The project is related to one-shift operation with remote monitoring which was approved through the FY19 budget process.

RELATIONSHIP TO OTHER PROJECTS

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

OUTCOME

Financially Responsible, High-Performance City Organization: Sustainable, Equitable, and Effective Service Delivery.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: High-Strength Waste Receiving/Storage			YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST \$ 1,654,118	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Other	\$ —	\$ —	\$ 352,000	\$ —	\$ —	\$ —
	\$ 170,168	Construction	\$ —	\$ —	\$ 170,155	\$ 961,795	\$ —	\$ —
\$ —	\$ 170,168	TOTAL	\$ —	\$ —	\$ 522,155	\$ 961,795	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ —	\$ 522,155	\$ 961,795	\$ —	\$ —
	\$ 170,168	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 170,168	TOTAL	\$ —	\$ —	\$ 522,155	\$ 961,795	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ 33,081	\$ 33,081	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project would establish receiving and storage station dedicated to acceptance of high-strength hauled waste. The project would provide storage capacity in the form of a holding tank and associated plumbing. The cost to add only HSW receiving is estimated to be approximately \$804,000 while the cost to add only FOG receiving is estimated to be approximately \$1,509,000. The cost to add both HSW and FOG management facilities is estimated to be approximately \$1,580,000. Other line item in expenditures identifies contingencies and technical services at 40% of project. The project would allow for more consistent feeding of high-strength waste to the anaerobic digesters, allowing the W&RRC to maximize biogas production, while minimizing operational upsets such as low pH conditions or foaming.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Nitrogen Reduction			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 1,260,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ 70,000	\$ 98,000	\$ 1,092,000	\$ 595,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 70,000	\$ 98,000	\$ 1,092,000	\$ 595,000
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ 70,000	\$ 98,000	\$ 1,092,000	\$ 595,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 70,000	\$ 98,000	\$ 1,092,000	\$ 595,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the design and construction of modifications to the high-purity oxygen-activated sludge basins for the implementation of the MLE nitrification/denitrification process. The MLE (Modified Ludzack Ettinger) process is used for total nitrogen removal and involves an anoxic zone and an aerobic zone. In this process, there is an internal recycle from the aerobic to anoxic zone, which provides nitrate as an oxygen source at the head of the tank. The bacteria remove the oxygen from the nitrate molecule, leaving a byproduct of inert nitrogen gas. The project was originally planned to begin in FY16 with completion in FY21. The WRRC's NPDES permit has since been amended to require an addendum to the Nutrient Reduction Study submitted in 2015. The permit amendment allows the City to research new or additional treatment technologies for the reduction of nitrogen, including the implementation of practices within the watershed for the most cost-effective nitrogen removal technology. The City is required to submit, by January 1, 2022, an addendum to the 2015 Nutrient Reduction Study. The addendum must include an updated schedule for making operational changes and/or installing new or additional treatment technologies to achieve the goal of 66% reduction in total nitrogen. This project is related to Water & Resource Recovery Center: Nutrient Trading.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: UV Disinfection System Modifications			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 235,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 10,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 225,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 10,000	\$ 225,000	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 10,000	\$ 225,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 10,000	\$ 225,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for improvements to the Ultraviolet Disinfection System. The project includes replacement of electronic components, and addresses some environmental concerns such as sun and cottonwood tree seed with the construction of a shelter and screening. During the 2016 disinfection season, weaknesses in the system resulted in three incidents of non-compliance. Investigation into the causes of the incidents has identified opportunities for upgrade to more robust electronics (which were not available at the time of purchase of the system) and to better protect the system from the elements. These modifications will improve reliability and ability to meet discharge limits.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Become a resilient city using sustainable and affordable technology for water, energy, transportation, health and wellness, discard, community engagement – a model community for the world.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Phosphorus Removal			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-	TOTAL PROJECT COST \$ 300,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 2,700,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ 2,700,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ 2,700,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ 2,700,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the design and construction of Side-stream Phosphorus Removal. Side-stream Phosphorus Removal is based on harvesting or sequestering struvite (magnesium ammonium phosphate) to remove phosphorus from the centrate or directly from the digested sludge. The suggested budget is based on sequestering (struvite is collected with biosolids and land applied) the struvite. The project is currently recommended to be budgeted in FY2024-2025. Completing the project sooner would not only help the W&RRC meet impending phosphorus limits, but also provide 2% improvement in dewatered cake (improving biosolids handling costs) and a 15% reduction in polymer needed for biosolids dewatering (a combined savings of approximately \$40,000 per year). The original expected project cost is \$3,900,000 (in 2015 dollars) for harvesting of struvite. A more cost effective option to sequester the struvite into the biosolids reduces the project cost to \$3,000,000 (in 2016 dollars). Waiting until FY24 would significantly increase the cost of the project. The City is required to submit, no later than January 1, 2022, an addendum to the 2015 Nutrient Reduction Study. The addendum must include an updated schedule for making operational changes and/or installing new or additional treatment technologies to achieve the goal of 75% reduction in total phosphorus.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to Sanitary Sewer Construction Funds.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: North Apron Reconstruction			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-1439		TOTAL PROJECT COST \$ 5,000,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design/Const. Observation	\$ 750,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 4,250,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 5,000,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		FAA Discretionary Funds	\$ 4,500,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Airport Construction Fund	\$ 500,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 5,000,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project reconstructs the north apron area, a vital economic component of Dubuque Regional Airport's infrastructure. After last year's Pavement Condition Index study, it was determined the apron pavement is in critical condition, impacting airport operations and economic activity. Project improvements will enhance Airport revenues, improve safety and address regional economic development opportunities. The need for this project is significant. The local match will be funded with the remaining balance of bonds previously issued for the New Airport Terminal project.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming. This will be funded with supplemental FAA funding, if received.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Rehabilitate Runway Lighting			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-1691		TOTAL PROJECT COST \$ 1,564,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 235,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Equipment	\$ 1,329,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 1,564,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		FAA Entitlement Funds	\$ 1,000,000	\$ —	\$ —	\$ —	\$ —	\$ —
		FAA Discretionary Funds	\$ 407,600	\$ —	\$ —	\$ —	\$ —	\$ —
		G.O. Debt (Sales Tax Fund 20%)	\$ 156,400	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 1,564,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for replacing the Airport's existing airfield electrical vault and back-up generator for runway lighting, which was installed when the airfield was originally constructed in the 1940's. The vault will be relocated to streamline operations.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Air service access to major hub.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Update Airport Layout Plan & GIS			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-2282		TOTAL PROJECT COST \$ 559,930
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 559,930	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 559,930	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		FAA Entitlement Funds	\$ 503,937	\$ —	\$ —	\$ —	\$ —	\$ —
		DRA Distribution	\$ 55,993	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 559,930	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will reflect the numerous projects that have occurred at the Airport since the Airport Master Plan was updated in 2005. This will provide for updating the current Airport Master Plan including the Electronic Airport Layout Plan (EALP) and EGIS databases to reflect the numerous changes that have occurred in the last fifteen years (T-Hangar replacement, Paving replacement, Terminal Building Construction, etc.) per FAA requirements. This is a FY19 project already funded with bonding.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA Funding, and FAA Entitlement Funds.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Replace Snow Removal Equipment (SRE)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-1489		TOTAL PROJECT COST \$ 1,330,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 5,716	\$ 1,094,284	A. EXPENDITURE ITEMS						
		Equipment	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 5,716	\$ 1,094,284	TOTAL	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		G.O. Debt (Sales Tax Fund 20%)	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 5,716	\$ 94,284	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 1,000,000	FAA Entitlement Funds	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 5,716	\$ 1,094,284	TOTAL	\$ 230,000	\$ —	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The airfield is maintained 24/7 to keep the runways/taxiways clear for aircraft landings and takeoffs including the airlines, corporate, and general aviation aircraft. This will provide for replacing the current loader used on the airfield for efficiently maintaining taxiways and runways during snow events. The original loader unit was purchased with Federal AIP funds over 20 years ago. Since then, the FAA changed their guidelines and this piece of equipment is no longer eligible for AIP funds. Snow equipment, including a snow blower and apron blade are currently being purchased with Federal AIP funds. The Airport has added additional pavement areas including a general aviation apron, taxiways, parking lots and an apron at the new terminal. This piece of equipment has been reviewed by the Equipment Maintenance Supervisor and it has been determined that it needs immediate consideration for replacement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Air service access to major hub.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Old Terminal Building Deconstruction			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-2214		TOTAL PROJECT COST \$ 350,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 160,000	A. EXPENDITURE ITEMS						
		Construction	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 160,000	TOTAL	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 160,000	DRA Distribution	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 160,000	TOTAL	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for phase 2 of the deconstruction of the old Terminal building and disconnecting all utilities. Originally the old Terminal building was scheduled to be renovated and leased to an existing tenant once the New Terminal Facility was operational. It has been determined that it isn't economically feasible to rehab the old facility for use by this tenant. This facility will be removed and all utilities will be disconnected and the land will be prepared for future building construction. The old terminal building, which is scheduled for demolition, is the D-Marc location for the Airport phones. If the building is removed, the Airport phone system will need to be relocated to a new location. The two 400 pair feeder telephone cables going into and out of the old terminal building will be rerouted from the existing D-Marc to a new location. This project will include Century Link moving their D-Marc, the trenching of lines, pulling the new copper lines, and constructing a new secure building for locating the D-Marc. This project must be completed before the building is demolished. The Airport is currently working with Century Link and a contractor to relocate phone lines and construct a building for the new secure phone line location.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Terminal Automated Vehicle Wash Facility			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 390-2788		TOTAL PROJECT COST \$ 557,750
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design	\$ 72,750	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 485,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 72,750	\$ 485,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		CSVI Funds	\$ 72,750	\$ 330,000	\$ —	\$ —	\$ —	\$ —
		CFC Funds	\$ —	\$ 155,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 72,750	\$ 485,000	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ —	\$ 8,600	\$ 1,500	\$ 1,500	\$ 1,500

PROJECT DESCRIPTION/JUSTIFICATION

Replace the existing vehicle wash located on the general aviation side of the airport with an automated vehicle wash near the recently constructed commercial service terminal building. This facility would be utilized by rental car agencies and airfield tenants. One bay would consist of an automated wash and the other bay would be a self-serve wash.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth; industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This will be funded by Customer Facility Charges (Rental Cars) and State Commercial Service Vertical Infrastructure funds (CSVI).

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Reconstruct Taxiway Alpha			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-		TOTAL PROJECT COST \$ 12,850,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 350,000	\$ 712,500	\$ 787,500	\$ 375,000	\$ —
		Construction	\$ —	\$ —	\$ 4,037,500	\$ 4,462,500	\$ 2,125,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 350,000	\$ 4,750,000	\$ 5,250,000	\$ 2,500,000	\$ —
		B. PROJECT FINANCING						
		FAA Entitlement Funds	\$ —	\$ 315,000	\$ 1,634,800	\$ 1,000,000	\$ 946,728	\$ —
		FAA Discretionary Funds	\$ —	\$ —	\$ 2,640,200	\$ 3,725,000	\$ 1,303,272	\$ —
		Sales Tax Fund (20%)	\$ —	\$ 35,000	\$ —	\$ —	\$ —	\$ —
		DRA Distribution	\$ —	\$ —	\$ 475,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 350,000	\$ 4,750,000	\$ 5,250,000	\$ 2,500,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for rehabilitating Taxiway Alpha. The preliminary design phase for the rehabilitation of Taxiway Alpha including planning, schematic design and environmental assessment will be completed in FY21. Construction on Taxiway Alpha SE (Runway 31 Charlie) - including finish grading, drainage, under drains, paving, airfield lighting, marking and turfing will be completed in FY22. Construction on Taxiway Alpha NW (Runway 13 Delta) - including finish grading, drainage, under drains, paving, airfield lighting, marking and turfing will be completed in FY23. Taxiway Alpha Center (Charlie - Delta) - between Delta and Charlie ramp construction will be completed in FY24 including finish grading, drainage, under drains, paving, airfield lighting, marking and turfing to finish this project.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Terminal Entrance Sign Regrading & Additional Lighting			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 390-2716		TOTAL PROJECT COST \$ 460,538
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering	\$ —	\$ 15,096	\$ —	\$ —	\$ —	\$ —
	\$ 244,400	Construction	\$ —	\$ 201,042	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 244,400	TOTAL	\$ —	\$ 216,138	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ 216,138	\$ —	\$ —	\$ —	\$ —
	\$ 124,400	State Airport Grant	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 120,000	Customer Facility Charge	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 244,400	TOTAL	\$ —	\$ 216,138	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The existing terminal entrance sign was completed in 2018 as the last phase of the recently constructed commercial passenger terminal project. This project would provide for topographical regrading for an enhanced line of site for airport entry. Construction would provide for relocation of electrical and communication lines which support the current sign as well as additional earth removal.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connect Community: Air service access to major hub.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Aviation Fueling Facilities NFPA Update			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 390-		TOTAL PROJECT COST \$ 54,050
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ 54,050	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 54,050	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 54,050	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 54,050	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

Per NFPA regulation 407, 5.1.12.1 - 5.1.12.4 "all new and existing aviation fueling facilities shall be equipped with an automatic shutdown system that stops the tank loading operation when the fuel servicing vehicle tank is full." The Airport currently has 3 aviation fuel tanks and 4 aviation fuel trucks that would need to be updated to be in compliance with this mandatory regulation before June 2, 2021.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pavement Condition Index (PCI)			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 390-1060		TOTAL PROJECT COST \$ 149,977
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 46,505		A. EXPENDITURE ITEMS						
		Service Contract	\$ —	\$ 50,200	\$ —	\$ —	\$ 53,272	\$ —
\$ 46,505	\$ —	TOTAL	\$ —	\$ 50,200	\$ —	\$ —	\$ 53,272	\$ —
		B. PROJECT FINANCING						
\$ 41,854		FAA Entitlement Funds	\$ —	\$ 45,180	\$ —	\$ —	\$ 47,945	\$ —
\$ 4,651		DRA Distribution	\$ —	\$ 5,020	\$ —	\$ —	\$ 5,327	\$ —
\$ 46,505	\$ —	TOTAL	\$ —	\$ 50,200	\$ —	\$ —	\$ 53,272	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the Pavement Condition Index (PCI), which is a method used to obtain a value for airfield pavements through a visual survey of the pavement. The PCI is a numerical rating of the pavement condition that can be used on both asphalt and concrete surfaces. This was adopted by the FAA to determine pavement conditions on areas financed by the FAA (namely airside) to assure they are being adequately maintained to reach their full life expectancy and to program the nationwide replacement of such pavements. This PCI is required every three years by the FAA.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public	PROJECT TITLE: Asphalt Pavement Repair			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 390-2664		TOTAL PROJECT COST \$ 216,983
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 2,534		Design & Engineering	\$ —	\$ —	\$ 15,000	\$ —	\$ —	\$ —
\$ 28,081	\$ 36,368	Construction	\$ —	\$ —	\$ 135,000	\$ —	\$ —	\$ —
\$ 30,615	\$ 36,368	TOTAL	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 30,615	\$ 36,368	DRA Distribution	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ —
\$ 30,615	\$ 36,368	TOTAL	\$ —	\$ —	\$ 150,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for asphalt repairs for all the Airport land side paved areas as needed. These projects are coordinated with the Engineering Department to determine which repairs are needed. If funded, the next project would be to repair/replace the concrete at the Jet Center Building parking lot used by customers of the Jet Center.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Perimeter Fence Improvements			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-1497		TOTAL PROJECT COST \$ 26,248
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 1,993	\$ 14,255	Construction	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ 1,993	\$ 14,255	TOTAL	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 1,993	\$ 14,255	Sales Tax Fund (20%)	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
\$ 1,993	\$ 14,255	TOTAL	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for replacing damaged sections of the Airport perimeter fence and security gates. The current Airport perimeter fence was replaced in 1994 and is 8 foot high with 3 strands of barb wire, encompasses the entire airfield area and is over 6 miles long. The fence provides necessary airfield security and wildlife control. The security gate by the existing fuel farm and maintenance building will be replaced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Air service access to major hub.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Corporate Hangar Facilities Maintenance			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 390-2008		TOTAL PROJECT COST \$ 66,315
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 21,595	\$ 24,720	Construction	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ 21,595	\$ 24,720	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
		B. PROJECT FINANCING						
\$ 21,595	\$ 24,720	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ 21,595	\$ 24,720	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for rehabilitation of existing corporate hangars and buildings. Rehabilitation would include large corporate hangars as well as existing leased T-hangars as they continue to age and will need structural repairs such as roofing, heating, flooring and door repairs/replacement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Retain, expand and grow local businesses, attract new businesses to provide a more diverse tax base and job opportunities.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Storm Drain Improvements			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 390-2662		TOTAL PROJECT COST \$ 49,299
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ —	\$ 29,299	Construction	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ —	\$ 29,299	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
		B. PROJECT FINANCING						
\$ —	\$ 29,299	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —
\$ —	\$ 29,299	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 20,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for storm drain improvements both on the airfield and land side areas. Currently there are storm drains that were installed as long ago as the 1950's. These are causing sinkholes and are in need of replacement. There are currently drains needing improvements located on the airfield, next to the corporate hangar area, FAA offices, the University of Dubuque, Aircraft Tower and in the FBO parking lot.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Air service access to major hub.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Funding.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Asphalt Milling Program			YEAR FIRST SUBMITTED: FY 2000	TOTAL PROJECT COST	
						ACTIVITY NO: 300-1230		
						250-1230	\$ 960,284	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 86,841	\$ 450,862	Construction	\$ 80,000	\$ 82,500	\$ 84,562	\$ 86,676	\$ 88,843	\$ 91,065
\$ 86,841	\$ 450,862	TOTAL	\$ 80,000	\$ 82,500	\$ 84,562	\$ 86,676	\$ 88,843	\$ 91,065
		B. PROJECT FINANCING						
	\$ 166,379	Sales Tax Fund (30%)	\$ 80,000	\$ 82,500	\$ 84,562	\$ 86,676	\$ 88,843	\$ 91,065
\$ 86,841	\$ 284,483	Road Use Tax Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 86,841	\$ 450,862	TOTAL	\$ 80,000	\$ 82,500	\$ 84,562	\$ 86,676	\$ 88,843	\$ 91,065

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the milling of five (5) centerline miles of asphalt streets annually. The milled streets are then paved by City crews from the Public Works Department each year. This project provides for the hiring of a private milling contractor to grind a full-street-width pass to remove up to 2 inches of old asphalt from the street. The millings are then loaded onto City trucks and hauled to a local asphalt plant to be recycled into new hot mix asphalt. All milling is done by a private contractor with cleanup, hauling and repaving of the streets completed by Public Works department crews. Over the past twenty-four years, the Public Works Department has made great progress in improving Dubuque's street system by completing overlay projects on 220.85 centerline miles of asphalt streets. While many of these streets have received overlays more than once over the life of the program, the miles paved represents 78.7% of the total centerline miles of streets in the City. In July of 2013, the Iowa Department of Transportation (IDOT) received clarification from the U.S. Department of Justice as to what classifies as a "street improvement" versus street maintenance. As a result, since January 1, 2014, the City has been required to construct or reconstruct virtually all curb ramps at all street intersections and crosswalks included in the annual asphalt overlay program. While this project has been cut 50% from the previous standard of ten (10) centerline mile milling program to the current five (5) centerline mile program, this project can be expanded as savings from a previous fiscal year becomes available.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Curb Ramp Program			YEAR FIRST SUBMITTED: FY 2006	TOTAL PROJECT COST	
						ACTIVITY NO: 300-1227 250-1227	\$ 3,063,036	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 51,626	\$ 30,000	Engineering Services	\$ 30,600	\$ 31,212	\$ 31,836	\$ 32,473	\$ 32,473	\$ 33,950
\$ 469,089	\$ 333,963	Construction	\$ 389,704	\$ 397,498	\$ 405,448	\$ 413,557	\$ 413,557	\$ 432,373
\$ 520,715	\$ 363,963	TOTAL	\$ 420,304	\$ 428,710	\$ 437,284	\$ 446,030	\$ 446,030	\$ 466,323
		B. PROJECT FINANCING						
\$ 438,304	\$ 32,007	Sales Tax Fund (30%)	\$ 177,358	\$ 342,239	\$ 437,284	\$ 446,030	\$ 446,030	\$ 466,323
\$ 82,411	\$ 331,956	Road Use Tax Fund	\$ 242,946	\$ 86,471	\$ —	\$ —	\$ —	\$ —
\$ 520,715	\$ 363,963	TOTAL	\$ 420,304	\$ 428,710	\$ 437,284	\$ 446,030	\$ 446,030	\$ 466,323

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for an annual program to install curb ramps at various locations throughout the city. This program is managed by the Engineering Department and coordinated with the Public Works Department's five centerline mile asphalt overlay program. In July of 2013, the Iowa Department of Transportation (IDOT) received additional information from the federal Department of Justice further clarifying what constitutes resurfacing. Based on these clarifications, as of January 1, 2014 any alterations to an existing street's crosswalk, including asphalt resurfacing and "mill and fill" projects, require that existing curb ramps adhere to the latest ADA standards. Five miles of streets contain, on average, 45 intersections and 180 corners. While many of these corners have existing ramps, only a few of Dubuque's streets and alleys have curb ramps that meet current ADA standards. This project ensures that each intersection would be retrofitted with ADA-mandated curb ramps when a street receives a maintenance overlay. With the installation and upgrade to the ADA curb ramps as part of the asphalt overlay program, we improve accessibility for those with disabilities in our community as well as pedestrians seeking to travel the streets and sidewalks safely.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Asphalt Milling Program CIP # 250-1230 and 300-1230.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Floodwall Post-Flood Repair Program			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 300-1445		TOTAL PROJECT COST \$ 284,592
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 42,310	\$ 63,124	Construction	\$ 81,500	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
\$ 2,658		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 44,968	\$ 63,124	TOTAL	\$ 81,500	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
		B. PROJECT FINANCING						
\$ 44,968	\$ 63,124	Sales Tax Fund (30%)	\$ 81,500	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
\$ 44,968	\$ 63,124	TOTAL	\$ 81,500	\$ 20,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an annual program to perform post-flood repairs and Corps of Engineers required maintenance along the City's control protection system. This project supplements the Public Works Department's floodwall operations activity (10054340) budget by providing funding that would allow for post-flood and Corps of Engineers required infrastructure repairs. As the floodwall's infrastructure ages and the frequency of flood events continues to increase, the almost-regular need for extraordinary repairs also has increased. Extraordinary repairs to the floodwall were necessary after the 1993, 1996, 1997, 2001, 2008, 2011 and 2013 floods. This appropriation request would provide adequate funds to perform timely repairs, which in turn assures the integrity of the flood control system. Repairs would include rip-rap replacement, pump overhauls, gate repairs, floodwall and level repairs, dredging, debris removal, and associated storm sewer outlet remedial work. Additional funding is requested in FY2020 for Maus Park flood control operating manual update (\$5,500) and the Purina Drive Flood Gate Framing Concrete Rehabilitation Project (\$ 51,000).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Stormwater Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Wayfinding Signs Replacement Project			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2151		TOTAL PROJECT COST \$ 50,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 329		A. EXPENDITURE ITEMS						
	\$ 2,168	Engineering Services	\$ 2,500	\$ 2,500	\$ —	\$ —	\$ —	\$ —
		Signage	\$ 22,500	\$ 22,500	\$ —	\$ —	\$ —	\$ —
\$ 329	\$ 2,168	TOTAL	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 329	\$ 2,168	Sales Tax Fund (30%)	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ —	\$ —
\$ 329	\$ 2,168	TOTAL	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide funds for the repair or replacement of signs as needed for the pedestrian wayfinding kiosk signs and pedestrian trailblazer signs in the Port of Dubuque and Downtown Tourism Districts as well as the kiosk sign in front of the National Mississippi River Museum & Aquarium. This project would also provide funds to for the repair and replacement of the orange vehicular wayfinding signs and poles in the South End Tourism District. This project is related to other capital projects associated with the upcoming Iowa League of Cities Conference to be held in Dubuque on September 25-27, 2019.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

Funding is restricted to General Fund and Sales Tax 30%.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Curb Replacement Program			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 300-1226		TOTAL PROJECT COST \$ 163,578
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 7,792	\$ 30,786	Construction	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
\$ 7,792	\$ 30,786	TOTAL	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
		B. PROJECT FINANCING						
\$ 7,792	\$ 30,786	Sales Tax Fund (30%)	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
\$ 7,792	\$ 30,786	TOTAL	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an annual program to replace approximately 800 lineal feet of curb and gutter and related pavement at various locations throughout the city. Priority is given to streets scheduled for the Public Works Department's asphalt paving program, projects associated with improvements to sidewalks and driveways by homeowners, and streets not included in the Public Works Department's regular maintenance program or the Engineering Department's street reconstruction program. All work is done by private contractors. This project supplements the Public Works Department's regular curb reconstruction program and the Engineering Department's street reconstruction program. There are many streets in Dubuque that have good driving surfaces but have badly deteriorated limestone or concrete curbing. This program provides for hiring private contractors to replace curbing in poor condition on streets that are not scheduled, or anticipated to be scheduled, for reconstruction or sidewalk inspection. This program also funds curb replacement on streets that are scheduled for asphalt paving by the Public Works Department. Priority is given to replacing poor curbing on good streets. On any given year, the Public Works Department receives curb replacement requests that usually total from 2,000 to 3,000 lineal feet. Public Works crews average approximately 2,000 feet of curb reconstruction annually. This appropriation request is intended to prevent any further backlog of workload. In turn, customer satisfaction should increase as the City's response time is reduced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Steps, Hand Railings and Wall-Top Fencing Program			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 300-1432		TOTAL PROJECT COST \$ 82,760
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 17,760	A. EXPENDITURE ITEMS						
		Construction	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 25,000
\$ —	\$ 17,760	TOTAL	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 25,000
		B. PROJECT FINANCING						
	\$ 17,760	Sales Tax Fund (30%)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 25,000
\$ —	\$ 17,760	TOTAL	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for repairing, replacing, and/or installing hand railings, staircases, and wall-top fencing on City properties. Due to its hilly terrain, Dubuque's infrastructure includes many large retaining walls and pedestrian staircases. While many of the walls are in good condition, many staircases, and the accompanying metal hand railings are not. Also, citizens and staff have become aware and concerned regarding securing the tops of tall City walls. The purpose of this program is to facilitate timely remedial action as staff is made aware of needs or deficiencies. Private contractors would perform the work under the direction of the Engineering Department or Public Works Department.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%).

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Sign and Post Replacement Project			YEAR FIRST SUBMITTED: FY 2008 ACTIVITY NO: 250-1938 300-1938	TOTAL PROJECT COST \$ 130,023	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 23,349	\$ 46,674	Signage	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
\$ 23,349	\$ 46,674	TOTAL	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
		B. PROJECT FINANCING						
\$ 23,349	\$ 46,674	Sales Tax Fund (30%)	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
\$ 23,349	\$ 46,674	TOTAL	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds to replace traffic and street name signs, along with rusted and/or twisted street and traffic sign posts and poles, located along street right-of-way throughout the city. Progress has been made over the the past years to replace street name signs with new signs that meet federal requirements for size and reflectivity, as required by the Federal Manual on Uniform Traffic Control Devices. However, regulatory, warning, and ground-mounted guide signs must be more reflective than many of the City's current signs are. While all compliance dates for replacing sub-standard signs have been removed from the Federal Register, the responsibility to upgrade replacement signs to the new standard has not been diminished. Therefore, all new signs that are installed must meet the new standards. This project also provides for the replacement of older sign posts and poles with new powder-coat-painted channel posts, square tubing galvanized posts or 2" poles. Galvanized or powder-coated sign posts and poles are much more resistant to corrosion and discoloration due to abrasion, winter weather, exposure to chlorides, and UV rays. Replacing Dubuque's substandard signs, and concurrently replacing the old sign posts and poles, would significantly improve public right-of-way aesthetics.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Concrete Street Section Repair Program			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 1995 300-1006	TOTAL PROJECT COST \$ 164,375
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 5,000	\$ —	\$ 5,000	\$ 5,000	\$ 5,000	\$ 10,000
\$ 6,786	\$ 57,589	Construction	\$ 20,000	\$ —	\$ 20,000	\$ 20,000	\$ 20,000	\$ 40,000
\$ 6,786	\$ 57,589	TOTAL	\$ 25,000	\$ —	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000
		B. PROJECT FINANCING						
\$ 6,786	\$ 57,589	Sales Tax Fund (30%)	\$ 25,000	\$ —	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000
\$ 6,786	\$ 57,589	TOTAL	\$ 25,000	\$ —	\$ 25,000	\$ 25,000	\$ 25,000	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for hiring private contractors to remove and replace, or assist the Public Works Department in removing and replacing, deteriorated concrete panels in concrete streets. All work is closely coordinated with, or under the direction of, the Engineering Department and its street reconstruction program. Many concrete streets in the city are in need of full depth concrete section replacement. Defects such as offset or spalling transverse joints create a poor riding surface. Surface and joint defects usually lead to other pavement deformation, such as pavement blow ups, settlements, cracks, and/or potholes. Timely panel replacements and section repairs extend the life of these concrete streets and usually preclude the need for asphalt overlays or total reconstruction projects.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: 56,000 Gross Vehicle Weight Dump Truck Replacement			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 300-2039		TOTAL PROJECT COST \$ 1,092,365
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 186,732	\$ 157,319	Equipment	\$ 320,930	\$ —	\$ —	\$ —	\$ 427,384	\$ —
\$ 186,732	\$ 157,319	TOTAL	\$ 320,930	\$ —	\$ —	\$ —	\$ 427,384	\$ —
		B. PROJECT FINANCING						
\$ 186,732	\$ 157,319	Sales Tax Fund (30%)	\$ 320,930	\$ —	\$ —	\$ —	\$ 427,384	\$ —
\$ 186,732	\$ 157,319	TOTAL	\$ 320,930	\$ —	\$ —	\$ —	\$ 427,384	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the replacement of four (4) of the Public Works Department's six 56,000 gross vehicle weight (GVW) street maintenance/snow and ice control dump trucks. These trucks are recommended for replacement based on an eight (8) year replacement schedule. The trucks will be replaced with 58,000 GVW chassis and equipped with combination dump/spreader boxes, front and wing snow plow blades, and other related snow and ice control equipment. Two trucks, #3207 and #3233, are recommended for replacement in FY2020 and units #3216 and #3245 recommended for replacement in FY2024.. These units are used year-round for both street maintenance projects and snow and ice control. In the winter months, these trucks are used to apply deicer material and plow snow accumulations during, and immediately after, winter storms. The trucks are also used to haul snow during cleanup operations after winter storms. During the warm weather months, these units are used to haul asphalt for our street paving program, and stone, rock, curb, and concrete for other street maintenance projects. After eight years of continuous use, the trucks will be due for replacement. This funding request provides for the purchase of diesel powered chassis in 2020 and includes a \$40,000 upgrade per unit for the purchase of CNG powered chassis in 2024. A life-cycle cost evaluation will be made at the time of replacement to determine if the unit will be ordered with a CNG chassis.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Conversion of Jule Building into Equipment and Vehicle Storage Facility			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2718		TOTAL PROJECT COST \$ 48,000
2017 EXPENSE	2018 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 8,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 40,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 48,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 48,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 48,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the conversion of the former Jule bus garage at 2401 Central Avenue into the City's next vehicle and seasonal equipment storage facility. With the redevelopment of the former Public Works Garage site at 925 Kerper Boulevard into the new base of operations for the JULE public transit division, a vehicle and seasonal equipment storage facility is needed. Seasonal storage will be used by Public Works, Engineering, Police, Fire, and Leisure Services departments. Among the equipment and vehicles that will be stored at the Central Avenue facility are the City's HESCO flood barriers, mowing equipment, street paving machines, Downtown Plaza and Port of Dubuque cast iron benches, chairs and tables, a portable stage, festival litter and recycling receptacles, street light poles, sanitary and storm sewer pipe and manhole sections, and vehicles impounded by the Police Department. A study of the existing facility at 2401 Central Avenue was conducted by IIW Engineering in 2013 regarding the feasibility of converting it into the City's next unheated vehicle and equipment storage facility upon vacation by the Jule at the end of FY2018. IIW reported that most of the estimated cost for the project will be associated with conversion of the building's current fire suppression system to one that would function within an unheated environment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA Funding.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Municipal Services Center Air Quality Detection System Replacement Project			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 101-2477		TOTAL PROJECT COST \$ 32,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment Replacement	\$ 32,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 32,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		General Fund	\$ 32,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 32,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the replacement of the air quality detection system at the Municipal Services Center (MSC). The Municipal Services Center was constructed in 2005. The building has an air quality system with 30 CO/NO2 (carbon monoxide/nitrogen dioxide) sensors installed in the vehicle maintenance and vehicle storage areas. The sensors monitor the air quality and when the CO/ NO2 exceeds the limits the controller will activate the air exchange system to improve the air quality in the facility. After 13 years of use, parts for the controller are no longer available and the system needs to be replaced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects.

OUTCOME

Sustainable Environment: Maintain/improve air quality.

FUNDING RESTRICTIONS

This project is restricted to DRA Gaming or Road Use Tax Funding.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Vacuum Street Sweeper Replacement Project			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 300-1209	TOTAL PROJECT COST \$ 424,200	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ 210,000	\$ —	\$ 214,200	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 210,000	\$ —	\$ 214,200	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ —	\$ 210,000	\$ —	\$ 214,200	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 210,000	\$ —	\$ 214,200	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of both of the Public Works Department's two air vacuum street sweepers. Unit # 4008 is a 2009 Elgin four-wheel sweeper and is requested to be replaced after eleven (11) years of service. Unit # 4002 is a Schwarze four-wheel air sweeper and is requested to be replaced after seven (7) years of service. A seven year work life for this type of unit is considered the industry norm, balancing warranties, depreciation, reliability, and trade-in value. The Public Works Department has a total of three sweepers in its fleet, two of which are air vacuum sweepers. The City's three street sweepers are used to clean Dubuque's streets, downtown alleys, green alleys, and municipal parking lots. These sweepers clean the downtown every two days, arterial streets every two weeks, and the remaining streets every two months. These sweepers are also used to sweep Dubuque's newly-constructed "green alleys" four times each year to ensure that they perform as designed. City streets are swept Monday through Friday year-round whenever weather permits. By sweeping litter, dirt, debris, leaves, etc. from city streets and green alleys, Dubuque's air quality and surface waters are protected and aesthetics improved. Replacing these machines will also help Dubuque comply with its federal Phase II stormwater permit obligations.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: 35,000 GVW Dump Truck Replacement			YEAR FIRST SUBMITTED: FY 2017	TOTAL PROJECT COST	
						ACTIVITY NO: 300-2539 250-2539	\$ 1,825,832	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 485,994	\$ 142,010	Equipment	\$ —	\$ —	\$ 381,404	\$ —	\$ 816,424	\$ —
\$ 485,994	\$ 142,010	TOTAL	\$ —	\$ —	\$ 381,404	\$ —	\$ 816,424	\$ —
		B. PROJECT FINANCING						
\$ 252,633	\$ 142,010	Sales Tax Fund (30%)	\$ —	\$ —	\$ 381,404	\$ —	\$ 816,424	\$ —
\$ 233,361		Road Use Tax Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 485,994	\$ 142,010	TOTAL	\$ —	\$ —	\$ 381,404	\$ —	\$ 816,424	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the replacement of five (5) of the nine (9) Public Works Department's 35,000 - 42,000 gross vehicle weight (GVW) street maintenance and snow/ice control dump trucks. These trucks are equipped in various configurations to meet the goals of Dubuque's snow and ice control program. The trucks are equipped with combination dump/spreader boxes, front snow plows, mid-mounted wing plows, underbody plows, full electric-over-hydraulic spreader and plow controls, rear-facing cameras, pavement temperature sensors, and other related snow and ice control equipment. Two units are scheduled for replacement in FY2022 and three units in 2024. All trucks are recommended for replacement based on an eight (8) year replacement schedule. Units #3205 and #3242 are scheduled for replacement in FY2022. Each unit will be replaced with 44,000 GVW chassis unit and equipped with a combination dump/spreader box, front-mounted snow plow, and wing plow. In FY2024 units #3241 and #3208 will be equipped with a combination dump/spreader box and front mounted snow plow. Unit #3206 will be equipped with a combination dump/spreader box, front mounted snow plow and wing plow. All of these trucks are used year round, with warm weather work dedicated to street paving and repair. This funding request includes \$40,000 per unit which would allow for the purchase of CNG powered chassis. A life-cycle cost evaluation will be made at the time of replacement which will determine if the unit will be ordered with a CNG chassis.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Aerial Bucket Truck Replacement			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 300-1839 250-1839	TOTAL PROJECT COST \$ 299,667	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 125,876	A. EXPENDITURE ITEMS						
		Equipment	\$ 173,791	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 125,876	TOTAL	\$ 173,791	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 125,876	Sales Tax Fund (30%)	\$ 173,791	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 125,876	TOTAL	\$ 173,791	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the purchase of one replacement aerial bucket truck equipped with an electrical-hydraulic boom system. The unit being replaced is #3218 is a 2009 Freightliner 33,000 gross vehicle weight (GVW) aerial bucket truck placed into service in May of 2008. This truck is used by our traffic signal technicians to perform necessary maintenance and repairs to all City-owned traffic control equipment, street lights, security camera equipment, and related electrical systems. It is estimated that this truck will have been driven over 100,000 miles before its tentative trade-in date. It is important that this unit is replaced on a timely basis to ensure that it retains fair trade-in value and is always ready to perform timely repairs to Dubuque's growing number of signalized intersections, expanding security camera system, and numerous City-owned street lights.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Hawthorne Street Boat Ramp Repair			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-2789		TOTAL PROJECT COST \$ 374,710
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 41,410	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 277,750	\$ —	\$ —	\$ —	\$ —
		Construction Services	\$ —	\$ 27,775	\$ —	\$ —	\$ —	\$ —
		Construction Inspection	\$ —	\$ 27,775	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 41,410	\$ 333,300	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 41,410	\$ 333,300	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 41,410	\$ 333,300	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the necessary funds to repair the underwater section of the municipal boat ramp in AY McDonald Park at the east end of Hawthorne Street. In 1997, this boat ramp was reconstructed above its Mississippi River water line. As part of that project, new concrete panels were joined to the ramp's existing concrete panels below the water line. However, in recent years we have noted accelerated deterioration of the underwater section of the boat ramp. On several occasions, sections of steel edging, iron rebar, and broken concrete have been removed to eliminate the underwater hazards they presented to boaters. Also, whenever the Mississippi River experiences low water levels, boaters have been having problems with their boat trailers dropping off the submerged end of the boat ramp. This project will involve installing a cofferdam around the underwater portion of the ramp, replacing the deteriorated, previously-submerged concrete panels, and also adding additional panels to extend the ramp further into the river.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%).

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Wheel Loader Purchase			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 300-1936		TOTAL PROJECT COST \$ 206,350
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ 206,350	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 206,350	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ —	\$ 206,350	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 206,350	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide for the replacement of wheel loader #3250, a 2000 John Deere 624H wheel loader, in FY2021. This new, replacement wheel loader will be equipped with a front-mount snow plow with plow gate attachment and wing plow. During the warm weather months, wheel loaders are used to lift and load stone, asphalt, and demolition materials on various street and sewer maintenance repair projects. During the winter months, wheel loaders are used to not only plow streets and cul-de-sacs during major winter snow storms, but also subsequently remove snow accumulations from downtown streets and residential cul-de-sacs. After twenty (20) years of continuous use, this unit will be in dire need of replacement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Municipal Services Center CNG Vehicle Maintenance Related Improvements			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 350-	TOTAL PROJECT COST \$ 351,049	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering and Design	\$ —		\$ 27,163	\$ —	\$ —	\$ —
		Construction	\$ —		\$ —	\$ 323,886	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 27,163	\$ 323,886	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —		\$ 27,163	\$ 323,886	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 27,163	\$ 323,886	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funds for improvements to the vehicle maintenance area related to the maintenance and repair of CNG fueled vehicles. The Public Works vehicle maintenance activity is responsible for the maintenance and repair of most units in the City fleet. In 2017 the Public Works Department purchased three (3) additional trucks with CNG powered engines. With additional focus on various types of alternative fuel for the City fleet, it is equally important that the maintenance facilities are updated to meet the requirements for maintaining alternative fuel vehicles. This proposal would upgrade one area of the Municipal Services Center to meet the requirements to repair and maintain CNG powered vehicles. Improvements may include adding a methane gas detection system and modifying the ventilation system, along with the lighting and heating system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Become a resilient city using sustainable and affordable technology for water, energy, transportation, health and wellness, discard, community engagement – a model community for the world.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and DRA Distribution.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Solid Waste Collection Vehicles			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 670-1533		TOTAL PROJECT COST \$ 3,957,349
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 275,627	\$ 658,720	Equipment	\$ 490,000	\$ 676,260	\$ 608,628	\$ 620,800	\$ 627,314	\$ —
\$ 275,627	\$ 658,720	TOTAL	\$ 490,000	\$ 676,260	\$ 608,628	\$ 620,800	\$ 627,314	\$ —
		B. PROJECT FINANCING						
\$ 275,627	\$ 658,720	Refuse Collection Fund	\$ 490,000	\$ 676,260	\$ 608,628	\$ 620,800	\$ 627,314	\$ —
\$ 275,627	\$ 658,720	TOTAL	\$ 490,000	\$ 676,260	\$ 608,628	\$ 620,800	\$ 627,314	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This annual project provides for the replacement of ten (10) solid waste collection vehicles from Fiscal Year 2020 through Fiscal Year 2024 as follows: Fiscal Year 2020 (#3412 and #3413 two side loaders); Fiscal Year 2021 (#3411 and #3415 two automated side loaders); Fiscal Year 2022 (#3416 and #3417 two side loaders); Fiscal Year 2023 (#3408 and #3409 two side loaders) and Fiscal Year 2024 (#3401 and #3405 two rear loaders). These semi-automated trucks will be used to collect garbage, bulky items, recyclables and yard waste and food scraps. In fiscal year 2021, staff is proposing to purchase two automated collection vehicles for refuse only. The conversion to automated collection is designed to improve collection efficiency, improve workers' safety and neighborhood aesthetics through reduced litter associated with the use of garbage bags. These trucks will be eight to ten years old by their proposed replacement years. The new units proposed work lives will meet industry standards. This funding request provides for the purchase of two diesel powered regular cab chassis in 2020. It also includes funds for the purchase of cab-over body and CNG powered chassis in Fiscal Years 2021-2024.. An evaluation will be made at the time of replacement if a cab-over or standard cab is the correct operational decision or if lifecycle cost for the new unit supports the purchase of the CNG powered chassis.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to the Refuse Collection Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer Root Foaming			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 710-1341		TOTAL PROJECT COST \$ 208,186
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 24,686	\$ 33,500	Consultant Services	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 24,686	\$ 33,500	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
\$ 24,686	\$ 33,500	Sanitary Sewer Construction Fund	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 24,686	\$ 33,500	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds to hire a private contractor to chemically treat up to 12,000 lineal feet of sanitary sewer lines throughout the city each year. Tree roots in sanitary sewer lines are one of the major causes of sanitary sewer clogs, backups into homes, and overflows onto streets and private properties. Tree roots are extremely invasive when seeking moisture and typically invade sanitary sewer pipes through cracks and open joints. They then grow into thick natural curtains, collecting solids and greases and eventually causing major clogs, backups and overflows. In-pipe chemical treatment of roots kills the invasive roots and mitigates future root growth for up to five years. This annual program reduces the number of sanitary sewer overflows and the number of private homes damaged due to sewer backups each year. This program is also noted in the City's Capacity, Management, Operations, and Maintenance (CMOM) program, which was approved by the United States Environmental Protection Agency in 2012.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: High Pressure Sewer Jet Cleaner			YEAR FIRST SUBMITTED: FY 2020	TOTAL PROJECT COST	
						ACTIVITY NO: 710-2405 720-2405	\$ 496,083	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 286,083	Equipment Purchase	\$ —	\$ —	\$ —	\$ —	\$ 210,000	\$ —
\$ —	\$ 286,083	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 210,000	\$ —
		B. PROJECT FINANCING						
	\$ 216,645	Sanitary Sewer Const. Fund	\$ —	\$ —	\$ —	\$ —	\$ 210,000	\$ —
	\$ 69,438	Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 286,083	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 210,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provide funds for the replacement of unit # 2703. This unit is a 2014 Freightliner equipped with a Sewer Equipment Company of America, high pressure sewer jet cleaner. This unit is used daily to clean pipes in Dubuque's gravity-flow sanitary sewer collection system. This unit is self-contained, using a high-pressure water jet hose equipped with various types of cleaner heads to remove debris and roots from Dubuque's sanitary sewers for the purpose of preventing basement back-ups and surface-level overflows. Problem pipes are cleaned on a monthly, quarterly, or semi-annual schedule. Other pipes are cleaned on a maintenance schedule as time allows. This unit is also used to open plugged storm sewers during heavy rain events to prevent street flooding. Replacing this unit in 2024 will provide the Public Works Department with a reliable unit for maintaining Dubuque's sanitary sewer system, as required by the United States Environmental Protection Agency (EPA) and the federal Clean Water Act.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Flood Control Levee Repair			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 720-2155		TOTAL PROJECT COST \$ 200,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 50,000	A. EXPENDITURE ITEMS						
		Design and Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 50,000	TOTAL	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 50,000	Stormwater Construction Fund	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 50,000	TOTAL	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the repair of the land side of the flood control levee located at the end of Terminal Street, which extends from the parking lot to the end of the levee south of Maus Park. In the annual Army Corps of Engineers report dated February 6, 2017, the Corps noted the need to verify the slope of the levee on the land side of the flood control levee and make repairs where necessary. This project will provide funding for the design of those repairs, develop repair plans, seek Corps of Engineers approval of the plans and make the necessary repairs. The City has two years to make the necessary repairs in order for the Flood Control System to remain "Active" in the PL-84-99 Rehabilitation and Inspection Program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Stormwater Construction Funds.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Temporary Flood Control Units			YEAR FIRST SUBMITTED: FY 2011 ACTIVITY NO: 720-2335		TOTAL PROJECT COST \$ 386,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ 386,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 386,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ 386,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 386,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds to purchase flood control units to be used for temporary flood control along the City of Dubuque's flood control system and at other locations in the city, as deemed necessary. The City's flood control system protects it to a river elevation of 30' - with an additional 3' feet of "wakeboard". In FY2011 and FY2013, the City purchased 10,000 lineal feet of HESCO flood control units each year. The "Hescos" are currently stored on pallets at the Central Avenue (former bus garage) storage facility for quick deployment in the event of a river level forecast prediction overtopping the City's permanent flood control levees and walls. The units could also be used to stabilize a section of levee in the case of a developing levee breach. Funding is requested in FY2022 to purchase an additional 10,000 lineal feet of temporary flood control units similar to the Hescos - the final complement of flood control units needed to raise the City's entire flood control system. This request also provides for the purchase of an additional 2,000 lineal feet of two and six foot tall flood control units to protect the Mystique Ice Arena. The Mystique Ice Arena is located on Chaplain Schmitt Island, which is not protected by Dubuque's floodwall system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Hard Surface Deep Cleaning Self-Propelled Unit			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 720-2790		TOTAL PROJECT COST \$ 166,100
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment Purchase	\$ —	\$ 166,100	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 166,100	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ 166,100	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 166,100	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide funding to purchase a self-propelled deep cleaning unit that would be used to maintain green alleys and other hard surface infrastructure. The unit would provide a chemical-free, deep cleaning solution for the green alleys using only water and heat. This unit would greatly reduce the amount of time needed to thoroughly clean the green alleys. Using a deep-cleaning solution in the green alleys will remove dirt and other debris from between the brick and assure the alleys continue to perform as designed and continue to capture and return stormwater back into the ground, reducing surface run-off during rain events. Currently the City has 78 green alleys constructed and has plans to increase this number as funding becomes available. An efficient continuous cleaning program is needed to assure the green alleys continue to perform as designed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to any other Capital Improvement Project.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project funding is restricted to Stormwater Funds, Road Use Funds and Sales Tax Fund (30%).

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Asset Management System - City wide Stormwater collection system and Bee Branch Systems			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 720-2791		TOTAL PROJECT COST \$ 81,206
2017 EXPENSE	2018 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Stormwater Software	\$ 9,230	\$ —	\$ —	\$ —	\$ —	\$ —
		Implementation Service	\$ 57,800	\$ —	\$ —	\$ —	\$ —	\$ —
		Consulting Service	\$ 10,500	\$ —	\$ —	\$ —	\$ —	\$ —
		Equipment	\$ 3,676	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 81,206	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 81,206	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 81,206	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funds for the development and implementation of a stormwater asset management system using the Cartegraph OMS platform. This system will provide mobile asset management for the stormwater collection system including the Bee Branch Greenway and basin areas. The system is already being used for roadway, sanitary sewer collection system maintenance, flood control system and signs maintenance system. The OMS system will provide integration to our ESRI GIS software which currently hosts all our stormwater information on manholes and pipes.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Stormwater Construction Funds.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Ice Harbor Concrete Abutment Repair Project			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 720-2792		TOTAL PROJECT COST \$ 190,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 190,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the repair of the concrete abutment structures at the Ice Harbor flood control gates. The gate structure was constructed in the early 1970's. According to the 2017 Corps of Engineer's annual inspection report, this structure was noted for the need for repair. This project will provide funds for the repair of the concrete surface by removing damaged concrete down to competent concrete and replacing with similar-type concrete. Due to the location of the damage, all the work must be done from the water side of the flood control gates, which increases the cost of the project. The defect has been rated as minimally acceptable by the Corps. The City has two years to make the necessary repairs in order for the Flood Control System to remain "Active" in the PL-84-99 Rehabilitation and Inspection Program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other Capital Improvement Projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project funding is restricted to Sales Tax Fund (30%) and Stormwater Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Ice Harbor Gates Fender Replacement Project			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 720-		TOTAL PROJECT COST \$ 145,000
2017 EXPENSE	2018 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ —	\$ —	\$ 145,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 145,000	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ 145,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 145,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the Ice Harbor Gates wooden timber fenders. The gates were constructed in the early 70's with wooden timber fenders installed to protect the gates from damage from contact with large boats. Over the years the timbers have dried up and split resulting in loose or missing timbers. This project would provide funds to replace these damaged or missing gate fenders with plastic rubber timbers.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other Capital Improvement Projects.

OUTCOME

2. Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Funds (30%) and Stormwater Construction Funds.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer Extensions to New Developments			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-1293	TOTAL PROJECT COST \$ 509,689	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 3,108	\$ 18,750	Engineering Services	\$ 15,000	\$ 10,275	\$ 20,866	\$ 20,142	\$ 20,746	\$ 21,475
	\$ 8,750	Property Cost	\$ 19,822	\$ 3,000	\$ 13,000	\$ 9,850	\$ 10,145	\$ 10,450
	\$ 163,500	Construction Cost	\$ —	\$ —	\$ —	\$ 29,153	\$ 143,582	\$ —
\$ 3,108	\$ 191,000	TOTAL	\$ 34,822	\$ 13,275	\$ 33,866	\$ 59,145	\$ 174,473	\$ 31,925
		B. PROJECT FINANCING						
\$ 3,108	\$ 191,000	Sanitary Sewer Construction Fund	\$ 34,822	\$ 13,275	\$ 33,866	\$ 59,145	\$ 174,473	\$ 31,925
\$ 3,108	\$ 191,000	TOTAL	\$ 34,822	\$ 13,275	\$ 33,866	\$ 59,145	\$ 174,473	\$ 31,925

PROJECT DESCRIPTION/JUSTIFICATION

This CIP provides TIF funding for residential, commercial and industrial developments located in planned growth areas. It provides funding for staff to coordinate the sanitary sewer portion of development agreements, initial design coordination, easement acquisition and a portion of the initial construction of sanitary sewer main extensions. Previously, the program spurred development using a revolving loan fund used to cover the up-front cost of utilities which was then paid back with the sale of each lot. This is being phased out. However, there is a subdivision that utilized \$140,037.21 in loan fund. Those repayments will be used to supplement the initial construction of future sewer extension until the TIF district begins reimbursements. The City has committed to funding the sanitary sewer mains associated with two additional subdivisions through development agreements estimated at \$150,000 and \$76,000.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer Extensions to Existing Developments			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-1350		TOTAL PROJECT COST \$ 2,791,390
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 5,046		Engineering Services	\$ —	\$ 90,000	\$ 180,000	\$ —	\$ 51,530	\$ —
\$ 10,000		Property Acquisition	\$ —	\$ 100,000	\$ —	\$ —	\$ 15,000	\$ —
	\$ 590,034	Construction	\$ —	\$ 410,000	\$ 1,020,000	\$ —	\$ 319,780	\$ —
\$ 15,046	\$ 590,034	TOTAL	\$ —	\$ 600,000	\$ 1,200,000	\$ —	\$ 386,310	\$ —
		B. PROJECT FINANCING						
\$ 15,046	\$ 590,034	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Special Assessment	\$ —	\$ —	\$ —	\$ —	\$ 154,524	\$ —
		State Revolving Fund Loan	\$ —	\$ 600,000	\$ 1,200,000	\$ —	\$ 231,786	\$ —
\$ 15,046	\$ 590,034	TOTAL	\$ —	\$ 600,000	\$ 1,200,000	\$ —	\$ 386,310	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This CIP provides funding to continue a 1990's council priority to extend sanitary sewer service to existing developments and individual properties. This CIP provides for the extension of sanitary sewer to 22 properties within the City limits. These properties have outdated septic systems that no longer provide adequate wastewater treatment and in most cases are not able to install a new compliant septic system. Projects included in this CIP are: Laurel Street (Orig. FY 10) \$386,310. Future projects will include Nightengale Lane (Orig. FY 11) \$477,400, Eagle Point Drive (Orig. FY 13) \$383,320, Richards Road (Orig. FY 13) \$367,040 and US 20 Annexation Area Phase 2 & 3 (Orig FY 02) outside the city limits \$1,008,000. The City has received a request for sanitary sewer on North Cascade Road at Highway 20.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Twin Ridge Subdivision - Lagoon Abandonment			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-2754	TOTAL PROJECT COST \$ 640,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 32,000	Consultant Cost	\$ —	\$ —	\$ 60,000	\$ —	\$ —	\$ —
	\$ 143,000	Construction Cost	\$ —	\$ —	\$ 405,000	\$ —	\$ —	\$ —
\$ —	\$ 175,000	TOTAL	\$ —	\$ —	\$ 465,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ —	\$ 465,000	\$ —	\$ —	\$ —
	\$ 175,000	Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 175,000	TOTAL	\$ —	\$ —	\$ 465,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the extension of the gravity sewer from Digital Drive, across U.S. Hwy 151/61, to Timothy St. This sewer will connect the remaining 2/3 of Twin Ridge subdivision to the City's sewer system and abandon the Twin Ridge Lagoon System. Abandonment of the wastewater lagoon system reduces operating costs and creates 14 acre city-owned parcel available for redevelopment.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Twin Ridge Lift Station Abandonment.

OUTCOME

Robust Local Economy: Have infrastructure and amenities to support economic development and growth; industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer Extensions - Existing Development, Pre-annexation and Annexation Agreements			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-1012		TOTAL PROJECT COST \$ 233,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Cost	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
		Engineering Services	\$ —	\$ —	\$ 31,500	\$ —	\$ —	\$ —
		Property Cost	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 200,000
		Construction Cost	\$ —	\$ —	\$ 202,000	\$ —	\$ —	\$ 600,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 233,500	\$ —	\$ —	\$ 1,000,000
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ 233,500	\$ —	\$ —	\$ 1,000,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 233,500	\$ —	\$ —	\$ 1,000,000

PROJECT DESCRIPTION/JUSTIFICATION

This funding provides for the City to meet its contractual obligations for the extension of sanitary sewers into new development areas or recently-annexed areas as part of development agreements, pre-annexation agreements, and annexation agreements. The funds in this CIP are for annexation areas along Pennsylvania Ave, Middle Road (Merkes / Pothoff), Seippel Road (Callahan) and Tamarack Business Park (\$233,500). Agreements with property owners with the exception of Tamarack Business Park, state that the City will provide sanitary sewer service within one year of the filing of the final plat. The Tamarack Business Park agreement states the City will provide sanitary sewer service within two years of written request by the developer/property owner. The funding for the sanitary sewer extension to Tamarack business is set two years beyond the upcoming fiscal year to accommodate a request in FY19. To date there has been no request by the remaining property owners along Pennsylvania and Middle Road.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have infrastructure and amenities to support economic development and growth; industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sewer Utility Asset Management Plan			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-2791		TOTAL PROJECT COST \$ 522,000
2017 EXPENSE	2018 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Cost	\$ 150,000	\$ 220,000	\$ 110,000	\$ —	\$ —	\$ —
		Engineering Services	\$ 14,000	\$ 17,000	\$ 11,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 164,000	\$ 237,000	\$ 121,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ 164,000	\$ 237,000	\$ 121,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 164,000	\$ 237,000	\$ 121,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

Management of the City's sanitary sewer collection system requires an understanding of how its aging infrastructure is performing in old areas of the City and how potential, rapid expansion related to growth from the completion of the Southwest Arterial and new annexation areas might impact the system. In order to maximize the return on investment as to how all sewer utility dollars are spent in combination with constrained capital and operating budgets, an asset management plan that identifies and helps prioritize the sewer improvements necessary in the next 25 years to ensure the system continues to meet the needs of the community. The first phase of the Sewer Utility Asset Management Plan (Plan) will take a comprehensive look at the Water & Resource Recovery Center, the pumped or force main collection system, and the gravity collection system. It will involve a review of existing project records and electronic or hard-copy data and compare it to existing GIS data to identify gaps in existing data and highlight needed data. It will also create a single data set for all pertinent data. In addition, wastewater flow and loading projections will be calculated to determine the needs of the system as the City grows. Phase 2 activities include the collection of any necessary data such as accurate sewer locations, depths, slopes, flows, and I&I in order to populate collection system analysis software that will be used for developing improvement alternatives and associated cost/benefit analysis. Phase 3 of the Plan includes full development of alternatives outlined in a Management Plan Report. The final deliverables will include a working collection system computer model that the City can use to assess the capacity of the system so that the impact of proposed changes and improvements can be fully understood. The Plan will also include a bench-marking study to illustrate the condition of the City's collections system compared to the national average. It will also make recommendations for improvements to routine maintenance schedules and any necessary computerized software/tools/forms to analyze system needs, prioritize work, and track maintenance activities.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Sanitary Sewer CCTV Inspection, Cleaning, and Assessment project.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer CCTV Inspection, Cleaning, & Assessment			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 710-2793		TOTAL PROJECT COST \$ 900,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
		Consulting Services	\$ 70,000	\$ 280,000	\$ 175,000	\$ 175,000	\$ 175,000	\$ 175,000
\$ —	\$ —	TOTAL	\$ 75,000	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ 75,000	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000
\$ —	\$ —	TOTAL	\$ 75,000	\$ 285,000	\$ 180,000	\$ 180,000	\$ 180,000	\$ 180,000

PROJECT DESCRIPTION/JUSTIFICATION

As of Fiscal Year 2019, the City has Closed Circuit Television (CCTV) records and condition assessments of 60% of the gravity sewer system. This project provides for the systematic CCTV inspection, cleaning, and condition assessment of the remaining 40% within a 10-year period. Inspecting each sewer pipe will provide the condition of each pipe so that the City can schedule and undertake proactive measures to improve performance levels of the system - identify degeneration that might lead to blockages, collapses, and/or sanitary sewer overflows. While the Public Works Department does inspect several miles of sewer each year, their efforts are rightly concentrated on sewers with known maintenance issues. As a result, there are sections of the City system that have not been televised within the past fifteen years and their condition remains unknown. Generally, inspections will be done first on older sewers and those that pose the greatest risk of failure. Although not directly related to other capital projects, it will inform the prioritization of sewer replacement and sewer lining efforts.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Southfork Interceptor Sewer			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 710-1899		TOTAL PROJECT COST \$ 568,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Cost	\$ —	\$ —	\$ —	\$ 15,000	\$ —	\$ —
		Engineering Services	\$ —	\$ —	\$ —	\$ 19,181	\$ 34,019	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 499,800	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 34,181	\$ 533,819	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ 34,181	\$ 533,819	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 34,181	\$ 533,819	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of 2,700 feet of 12" pipe with 18" piping from the South Dubuque Interceptor Sewer to the Southfork Interceptor Sewer. This piping was originally sized not to extend to its current limits with the addition of 10,000 feet of interceptor sewer to the Dubuque Landfill. This area should be upgraded to accommodate anticipated future flows.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Knob Hill-Duggan Drive Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 710-2323		TOTAL PROJECT COST \$ 149,310
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 18,450	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ 130,860	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 149,310	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 149,310	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 149,310	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of 1,200 feet of 8-inch diameter clay sewer with an 8-inch ductile iron sewer. The age of the existing clay sewer runs through a wooded area that has resulted in root intrusions and defects in the pipe. The project will result in a water tight line that will prevent I & I from getting into the sewer system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Brunswick Sanitary Sewer			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-2232		TOTAL PROJECT COST \$ 78,300
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 9,400	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 68,900	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 9,400	\$ 68,900	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 9,400	\$ 68,900	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 9,400	\$ 68,900	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of 270 feet of 6-inch diameter sewer with an 8-inch diameter sewer and extending the 8-inch sewer north 165 feet. The existing sewer requires monthly maintenance because of its sub - standard size (6-inch) and poor flow characteristics. The project will result in a standard 8-inch line with improved flow characteristics to eliminate the need to flush and clean the sewer each month.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Southgate Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2008 ACTIVITY NO: 710-2234		TOTAL PROJECT COST \$ 111,400
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 13,300	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 98,100	\$ —
		Property Acquisition	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 13,300	\$ 98,100	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 13,300	\$ 98,100	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 13,300	\$ 98,100	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project involves the reconstruction of approximately 230 feet of 8-inch sanitary sewer along Southgate. The existing sewer is damaged in several locations and in need of repair or replacement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: King Street Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2009 ACTIVITY NO: 710-2407		TOTAL PROJECT COST \$ 94,100
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 11,300	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 82,800	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 11,300	\$ 82,800	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 11,300	\$ 82,800	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 11,300	\$ 82,800	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of 380 feet of 6-inch diameter sewer with an 8-inch diameter sewer. The existing sewer is of sub-standard size (6- inch) and in poor condition. The project will result in a standard 8- inch line with improved flow characteristics.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Center Grove Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 710-2550	TOTAL PROJECT COST \$ 67,300	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 7,300	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 60,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 7,300	\$ 60,000	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 7,300	\$ 60,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 7,300	\$ 60,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of 250 feet of 8-inch diameter sewer on Center Grove near Cedar Cross Road.

RELATIONSHIP TO OTHER PROJECTS

The project is related to the Cedar Cross Road Reconstruction CIP and should be scheduled in the same fiscal years as that project.

OUTCOME

Sustainable Environment: Preserve and enhance Dubuque's natural resources.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Wood Street Sanitary Sewer Reconstruction (Consent Decree)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-2794	TOTAL PROJECT COST \$ 110,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction Cost	\$ —	\$ 95,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ 95,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ 15,000	\$ 95,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ 95,000	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the removal and replacement of approximately 475 LF of 8-inch diameter vitrified clay sanitary sewer pipe. The project is located in Consent Decree Sewershed 11. The USEPA approved schedule requires the project be completed no later than December 2020. This project shall be coordinated with storm sewer and water main improvements. The 8-inch diameter vitrified clay pipe is deteriorated and has exceeded its design life. The pipe is laid in a shallow trench on top of rock with little to no base stone and over time the solid rock bedding has exerted upward pressure on the clay pipe leading to significant cracks, resulting in pipe failure. A layer of rock will need to be removed during installation of the proposed sanitary sewer to provide for adequate bedding material. There are also storm and water utilities located along the same alignment as the existing sanitary sewer. These will also need to be replaced as they are in conflict with the existing and proposed sanitary sewer and will be disturbed during installation.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund and State Revolving Fund Loan.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Auburn & Custer Sanitary Sewer Reconstruction (Consent Decree)			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 710-2571	TOTAL PROJECT COST \$ 316,400	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 41,270	\$ —	\$ —	\$ —	\$ —
		Construction Cost	\$ —	\$ 275,130	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 316,400	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ 316,400	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 316,400	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the removal and replacement of approximately 1,480 LF of 6-inch diameter vitrified clay sanitary sewer. The project is located in Consent Decree Sewershed 11. The USEPA approved schedule for project completion is no later than December 2021. The project shall be coordinated with storm sewer and water main improvements in the same location. Funding for this project is being requested through the Iowa SRF, therefore design and engineering funds are provided to fund an update to the 2016 CityWide Sanitary Sewer Collection System Facility Plan, as may be necessary. The sanitary sewer was scheduled for trench-less rehabilitation by method of cured in place pipe liner in 2013. During cleaning and televising prior to installation of the liner, the contractor experienced problems as several sections of pipe were offset and broken preventing the project to continue. The City requested schedule adjustment from the USEPA as the project is identified in the Sewershed 11 Corrective Action Plan which is subject to their approval, to allow for removal and replacement. Schedule adjustment was granted.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Grove Terrace Sanitary Sewer Reconstruction (Consent Decree)			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 710-2666	TOTAL PROJECT COST \$ 110,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ 100,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 110,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ 110,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 110,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 400 LF 8-inch diameter vitrified clay sanitary sewer along Grove Terrace. The sewer is located in Consent Decree Sanitary Sewershed 12. Funding was originally requested in FY 17, however, the project schedule has been adjusted to reflect the USEPA approved revised schedule. The required completion date of this project shall be no later than December 2022. Funding for this project is being requested through the Iowa SRF, therefore design and engineering funds are included as an update to the 2016 CityWide Sanitary Sewer Collection System Facility Plan may be necessary. This project shall be coordinated with storm sewer and water main improvements. The 8-inch diameter vitrified clay sanitary sewer was installed in the early 1900's and has deteriorated to the point that reconstruction is necessary. In addition, property owners have indicated their laterals need to be replaced and in some locations laterals need to be separated to ensure uninterrupted service and reduce the risk of back up.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Heeb Street Sanitary Sewer Reconstruction (Street Program)			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 710-2612		TOTAL PROJECT COST \$ 180,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 20,000		\$ —	\$ —	\$ —	\$ —
		Construction Cost		\$ 160,000		\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 20,000	\$ 160,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ 20,000	\$ 160,000		\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 20,000	\$ 160,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 625 feet (existing alignment) of 8-inch diameter vitrified clay sanitary sewer on Heeb Street from Kaufmann Street south to the cul-de-sac. The existing clay tile sewer that was installed in 1920 has deteriorated to the extent that cracks in the pipe result in poor performance. The sags and cracks require increased maintenance of the pipe and allow the inflow of extraneous groundwater into the sanitary sewer system. In addition, there are several properties not served by municipal sewer service, this will provide the opportunity for those residents to connect. There is also a need to extend water main to those residents, therefore this project would increase its benefit by coordinating efforts with the Water Department. The sewer is located in Consent Decree Sanitary Sewershed 7. Funding was originally requested in FY 17, however, the project schedule has been adjusted to coincide with both the Heeb Street Reconstruction Project and the 22nd St/Kaufmann Ave Storm Sewer Improvements Project scheduled for 2020.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Heeb Street Reconstruction Project and should be scheduled in the same fiscal year as that project.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Hempstead Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 710-2795	TOTAL PROJECT COST \$ 280,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 30,000	\$ —		\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ 250,000	\$ —		\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ 250,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ 30,000	\$ 250,000			\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ 250,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 1,000 feet (existing alignment) of 8-inch diameter vitrified clay sanitary sewer on Hempstead Street from Kaufmann Street to Lowell Street. The existing clay tile sewer that was installed in 1924 has deteriorated to the extent that cracks and sags in the pipe result in poor performance. The sags and cracks require increased maintenance of the pipe and allow the inflow of extraneous groundwater into the sanitary sewer system. The current alignment places the sanitary sewer close to private property such that realignment of the sewer may be warranted. The sewer is located in Consent Decree Sanitary Sewershed 7. Funding was originally requested in FY 17, however, the project schedule was adjusted to be in the year following the 22nd St/Kaufmann Ave Storm Sewer Improvements Project.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the 22nd St/Kaufmann Ave Storm Sewer Improvements Project (CIP#2642769) and needs to be scheduled in the same fiscal year as that project.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Cooper Place and Maiden Lane Sanitary Sewer Reconstruction (Consent Decree)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-	TOTAL PROJECT COST \$ 330,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 30,000	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 300,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 30,000	\$ 300,000	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ —	\$ —	\$ 30,000	\$ 300,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 30,000	\$ 300,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 1,000 feet (existing alignment) of 6-inch diameter vitrified clay sanitary sewer along Maiden Lane and Cooper Place. The existing 6-inch sewer will be replaced with 8-inch diameter PVC sanitary sewer. The existing 6-inch diameter vitrified clay sanitary sewer has been identified as a source of inflow and infiltration. There are multiple offset joints and pipe fractures showing the pipe is in need of rehabilitation or replacement. The sewer is not able to be rehabilitated using trench-less methods due to the challenges associated with reinstating services on small diameter line; and is scheduled for removal and replacement with a larger diameter sewer to improve operation and future maintenance. The sewer is located in Consent Decree Sanitary Sewershed 12. The project completion schedule as approved by the USEPA, shall no later than December 2026.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Abbott & Cottage Sanitary Sewer Reconstruction			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 220,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 20,000	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —	\$ 200,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 20,000	\$ 200,000	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 20,000	\$ 200,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 20,000	\$ 200,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 800 linear feet (existing alignment) of 6-inch diameter vitrified clay sanitary sewer along Abbott Street and Cottage Street. The existing sanitary sewer is 6-inch diameter and is scheduled for replacement with 8-inch diameter PVC sanitary sewer. The existing 6-inch diameter vitrified clay sanitary sewer has been identified as a source of inflow and infiltration. There are multiple offset joints and pipe fractures showing the pipe is in need of rehabilitation or replacement. The area has also seen multiple water main breaks accelerating the damage to the sanitary sewer as the mains are located within the same area as the sanitary sewer. The sewer is not able to be rehabilitated using trench-less methods due to the challenges associated with reinstating services on small diameter line; and is scheduled for removal and replacement with a larger diameter sewer to improve operation and future maintenance. The sewer is located in Consent Decree Sanitary Sewershed 7. This project shall be coordinated with storm sewer and water main replacement as necessary.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Harvard Street Sanitary Sewer Reconstruction (Consent Decree)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 18,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ —	\$ 18,000	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ —		\$ 160,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 18,000	\$ 160,000
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ 18,000	\$ 160,000
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 18,000	\$ 160,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of approximately 450 linear feet (existing alignment) of 6-inch diameter vitrified clay sanitary sewer on Harvard Street from Alta Vista Street to Oxford Street. The existing sewer has been identified as a source of inflow and infiltration with multiple offset joints and pipe fractures showing the pipe is in need of rehabilitation or replacement. Rehabilitated using trench-less methods is not an option due to the challenges associated with reinstating services on small diameter line; and is scheduled for removal and replacement with a larger diameter sewer to improve operation and future maintenance. The sewer is located in Consent Decree Sanitary Sewershed 12. The project shall be completed no later than December 2025 per the schedule approved by the USEPA.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements			YEAR FIRST SUBMITTED: FY 2017	TOTAL PROJECT COST \$ 3,434,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant	\$ 187,000	\$ —	\$ 130,000	\$ —		\$ —
		Engineering Services	\$ 56,000	\$ —	\$ 36,000			\$ —
		Construction Cost	\$ —	\$ 1,201,000	\$ 1,774,000			\$ —
		Land and R.O.W.	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 243,000	\$ 1,251,000	\$ 1,940,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ 243,000	\$ 1,251,000	\$ 1,940,000			\$ —
\$ —	\$ —	TOTAL	\$ 243,000	\$ 1,251,000	\$ 1,940,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the analysis and infrastructure improvements to basins draining in to the Catfish Creek and Granger Creek Interceptors and the Catfish Creek Lift Station to reduce and — where feasible — prevent sanitary sewer overflows. Catfish Creek Lift Station serves an area in excess of 14 square miles of residential and commercial/businesses. Much of the upstream collection system is located in valleys traversing large areas of open ground and along the banks of the north, middle, and south forks of Catfish Creek. The location of the collection system is challenging to access, inspect and repair, as such it is unclear as the condition of the system and locate sources of inflow and infiltration which lead to sanitary sewer overflows. In 2014, the Catfish Creek Lift Station was unable to keep up with excess I&I related flows which lead to prolonged sewer overflows. This was also seen in 2016 and 2018. This project includes funding for consulting services to review the condition of the interceptor and contributing collection lines; perform a capacity analysis as the sewer has been in place for several decades with continued growth and expansion adding more flow and I&I to the line; and make recommendations on the improvements necessary not only to secure several sections of the Catfish Creek Interceptor working toward reducing Sanitary Sewer Overflows (SSO), but also to provide design recommendations to accommodate future growth and new connections to the interceptor. In FY16, approximately 7,000 LF of inspection work was completed along with the completion of necessary line and manhole repairs discovered during the July 3-5th, 2014 force main event; a further 10,000 LF is in need of inspection. FY20 and FY21 requested funding will allow for capacity upgrades to undersized section of pipe, removal of poor geometry that reduces hydraulic capacity, and building an additional forcemain between the lift station and the W&RRC. The FY22 funding request provides making additional system capacity improvements to support new development and for hiring a consulting engineer to assist the City with obtaining Iowa SRF monies via a Facility Plan, to continue inspection efforts and provide improvement planning. The Facility Plan will address the need to evaluate the Catfish Creek interceptor sewer along with an evaluation of the Catfish Creek Lift Station, including but not limited to pump assessment, installation of a non-potable water line and power supply to the lift station from the W&RRC, flood protection of the lift station, access road improvements, and force main capacity analysis. A 2014 Force Main event triggered significant sanitary sewer overflows along the Catfish Creek Interceptor causing the Catfish Creek Lift Station to run at capacity for several months, promoting increased wear and tear on pumps, valves, and piping and reducing equipment longevity. In addition, the City remains under a USEPA, USDOJ, and Iowa DNR Consent Decree requiring the City take all necessary measures to achieve full compliance with the Clean Water Act with the goal of eliminating all Sanitary Sewer Overflows, while this specific location is outside the focus sewersheds listed in the Consent Decree, all violations of the Clean Water Act regardless of location are potentially subject to fines from the applicable agencies.

DEPARTMENT: 55 - Engineering / Sanitary Sewer	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements	YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 710-2607	TOTAL PROJECT COST \$ 3,434,000
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RELATIONSHIP TO OTHER PROJECTS

This project is related to the McFadden Farm Sanitary Sewer Extension and needs to be funded in the same fiscal year as that project.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund and Sanitary Sewer revenue bonds.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 710-2606	TOTAL PROJECT COST \$ 5,491,591	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 46,295		Consultant Services	\$ 125,000	\$ —	\$ 135,000	\$ 200,000	\$ —	\$ —
\$ 6,915	\$ 92,842	Engineering Services	\$ 28,000	\$ —	\$ 31,000	\$ 60,000	\$ —	\$ —
\$ 29,000	\$ 737,539	Construction Cost	\$ —	\$ 750,000	\$ 1,250,000	\$ 2,000,000	\$ —	\$ —
\$ 82,210	\$ 830,381	TOTAL	\$ 153,000	\$ 750,000	\$ 1,416,000	\$ 2,260,000	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 82,210	\$ 830,381	State Revolving Loan Fund	\$ 153,000	\$ 750,000	\$ 1,416,000	\$ 2,260,000	\$ —	\$ —
\$ 82,210	\$ 830,381	TOTAL	\$ 153,000	\$ 750,000	\$ 1,416,000	\$ 2,260,000	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ 60,660	\$ 148,170	\$ 148,170	\$ 148,170	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project addresses needed reliability improvements to Terminal Street Lift Station, Cedar Street Lift Station, and the 30" Cedar and 42" Terminal Street Force Mains that connect the two lift stations to the Water & Resource Recovery Center. The original project was developed in FY 2016 to examine the force mains first and lift stations second, however due to recent emergency events at Terminal Street lift station the priority order has shifted to examine Terminal Street Lift Station first. FY 20-23 funding is to provide for new sluice gates, pump gates and repairs to the lift station foundation wall along with dry weather pumps and a new wet well to handle smaller average daily flows, which will reduce stress and strain on the larger pumps currently in the lift station which are not designed to operate with current daily/low flows. The funds also provide for ancillary improvements including a new gravity sewer connecting the new wet well to the existing lift station influent manhole, a new magnetic flow meter, and hot-tap to the 42" PCCP to allow the system to route without passing through Terminal Street lift station or the valve house. The project funding is also for the replacement of the wet weather pumps, replace piping in the drywell, replacement piping inside Terminal Street lift station that has deteriorated, complete new hardware and protective paint coatings of the lift station mechanical systems along with replacement plumbing and needed electrical improvements and similar improvements to the Valve House. This project currently does not include funding for any work associated with the repairs or replacement of the force mains, air release valve replacement, or adding insertion points for future flow rerouting in the event of a force main failure. The City has previously identified necessary improvements along the force main between Terminal Street to the W&RRC, specifically, during a visual inspection performed by City staff in 2014, the 42 inch diameter force main was exposed to the river at three locations and susceptible to possible damage from barge traffic. This project will also install camera and audio monitoring at the lift station to reduce in-person staff inspections.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

DEPARTMENT: 55 - Engineering / Sanitary Sewer	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 710-2606	TOTAL PROJECT COST \$ 5,491,591
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OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Track Line Sanitary Sewer Cleaning and Lining			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-2546		TOTAL PROJECT COST \$ 287,790
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 10,000	\$ 18,779	\$ —	\$ —	\$ —	\$ —
		Construction Cost	\$ 90,000	\$ 169,011	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ 187,790	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ 100,000	\$ 187,790	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ 187,790	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the cleaning and lining of 5,150 feet of the 12-inch diameter sanitary sewer that runs along the DM&E/CP railroad tracks from Hawthorne Street to Fengler Street. The existing clay tile sewer that was installed in the 1920s still functions. However, the influx of sand has increasingly made the sewer difficult to maintain and indicates that groundwater is infiltrating into the pipe. Cleaning and lining the sewer that runs parallel to railroad tracks, and even under the tracks, will ensure that the sewer will function as originally designed and as desired for the next forty years. Reconstruction of the sewer is problematic and would be cost prohibitive due to its proximity to the railroad tracks. The project is located adjacent to Consent Decree Sewershed 10.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sanitary Sewer Lining Program			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 710-1637		TOTAL PROJECT COST \$ 927,270
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 8,056	\$ 25,000	Engineering Services	\$ 7,500	\$ 8,125	\$ 9,100	\$ 22,100	\$ 22,100	\$ 13,000
\$ 152,076	\$ 242,138	Construction Cost	\$ 20,000	\$ 54,375	\$ 60,900	\$ 147,900	\$ 147,900	\$ 87,000
\$ 160,132	\$ 267,138	TOTAL	\$ 27,500	\$ 62,500	\$ 70,000	\$ 170,000	\$ 170,000	\$ 100,000
		B. PROJECT FINANCING						
\$ 160,132	\$ 267,138	G.O. Debt (Sanitary Abated)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Sanitary Sewer Construction Fund	\$ 27,500	\$ 62,500	\$ 70,000	\$ 170,000	\$ 170,000	\$ 100,000
\$ 160,132	\$ 267,138	TOTAL	\$ 27,500	\$ 62,500	\$ 70,000	\$ 170,000	\$ 170,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for systematic lining and associated grouting of sanitary sewers throughout the City. As outlined in the City's Capacity, Management, Operation, and Maintenance (CMOM) program that was reviewed and approved by the U. S. Environmental Protection Agency as part of the Consent Decree, "on average, the (City) will budget and spend approximately . . . \$100,000 lining sanitary sewer pipe and manholes." The lining process extends the useful life of existing sanitary sewers by 50 years or more, reducing I&I and eliminating maintenance needs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Manhole Replacement / Rehabilitation Program			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 710-1335		TOTAL PROJECT COST \$ 680,166
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 31,176	\$ 10,000	Engineering Services	\$ 6,500	\$ —		\$ 6,500	\$ —	\$ 6,500
\$ 165,603	\$ 373,387	Construction Cost	\$ 43,500	\$ —		\$ 43,500	\$ —	\$ 43,500
\$ 196,779	\$ 383,387	TOTAL	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000
		B. PROJECT FINANCING						
\$ 196,779	\$ 383,387	Sanitary Sewer Construction Fund	\$ 50,000	\$ —		\$ 50,000	\$ —	\$ 50,000
\$ 196,779	\$ 383,387	TOTAL	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ —	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement/rehabilitation of aging and deteriorated sanitary sewer manholes. Project funds are to rehabilitative or replace sanitary sewer manholes per the approved Consent Decree or as appropriate throughout the City. This also provides for the installation of new manholes in conjunction with the street overlay program undertaken annually by the Public Works Department. Over time, manholes can deteriorate to the point such that they allow excessive inflow or infiltration (I&I) of groundwater or surface water into the sanitary sewer which can lead to sanitary sewer overflows. The replacement/rehabilitation cost of each manhole is approximately \$10,000. This project is related to Stormwater Infiltration & Inflow Elimination Program, CIP 720-2332. The City's sanitary sewer system Capacity, Management, Operation, and Maintenance Program (CMOM), established to fulfill a requirement of the Consent Decree, outlines that the City budgets "on average" \$100,000 per year to replace manholes. In accordance with CMOM, this CIP, along with CIP 7202332, should total "on average" \$100,000 each year to replace sanitary sewer manholes.

RELATIONSHIP TO OTHER PROJECTS

This capital project is related to the Stormwater Infiltration & Inflow Elimination Program (CIP #720-2332) and must be funded in the same year as that project to total \$100,000 between the two programs.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Center Place Alley Sanitary Sewer Rehabilitation			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 410,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 38,000	\$ —	\$ —	\$ —	\$ —
		Construction Cost	\$ —	\$ 72,000	\$ 300,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 110,000	\$ 300,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	\$ —	\$ 110,000	\$ 300,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 110,000	\$ 300,000	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ 18,655	\$ 18,655	\$ 18,655	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project replaces 500 LF of failing sanitary sewer with a new 8" line and resurfaces the heavily deteriorated alley pavement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Perry Street & Bradley Street Lift Station and Force Main Improvements			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-	TOTAL PROJECT COST \$ 260,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 35,000	\$ —	\$ —
		Construction Cost	\$ —	\$ —	\$ —	\$ 225,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 260,000	\$ —	\$ —
		B. PROJECT FINANCING						
		State Revolving Loan Fund	\$ —	\$ —	\$ —	\$ 260,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 260,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of approximately 1,450 feet of 6-inch diameter ductile iron force main serving the Perry Street and Bradley Street lift stations. The design and engineering line item shall provide for professional engineering services to complete bid and award documents in accordance with Iowa SRF financing requirements. The City's W&RRC maintenance crew has identified necessary improvements following multiple 6-inch diameter force main breaks serving the Perry and Bradley Street lift stations. The force mains have experienced failures since 2010, causing disruption and damage to private property.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Sanitary Sewer		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Couler Valley Interceptor Inspection & Cleaning			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 710-		TOTAL PROJECT COST \$ 85,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Cost	\$ —	\$ —	\$ —	\$ 30,000	\$ —	\$ —
		Engineering Services	\$ —	\$ —	\$ —	\$ 5,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 85,000	\$ —	\$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	\$ —	\$ —	\$ —	\$ 85,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 85,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project fund provides for further investigation of the 36 inch diameter and 42 inch diameter Couler Valley Sanitary Sewer Collector along Elm Street between 14th Street and Garfield Avenue. The project length is approximately 2,091 LF of 42" pipe and 317 LF of 36" pipe with a total of 9 manholes. In 2016, the sewer was inspected and partially cleaned by the City's public works crew following flow metering indications of a partial blockage in the sewer along Elm Street downstream of the Bee Branch project where a recent sanitary siphon was installed. Any type of blockage downstream of a siphon could potentially lead to a sanitary sewer overflow. During cleaning and inspection there were several sections that were not passable by the City's crews and there were concerns about the pipe condition, prompting a request to seek professional inspection services and contracted heavy duty cleaning.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Stormwater Infiltration & Inflow Elimination Program			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 720-2332		TOTAL PROJECT COST \$ 490,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 12,500	Design & Engineering	\$ 12,500	\$ 5,000	\$ 5,000	\$ 10,000	\$ 12,500	\$ 12,500
	\$ 87,500	Construction	\$ 87,500	\$ 45,000	\$ 45,000	\$ 80,000	\$ 87,500	\$ 87,500
\$ —	\$ 100,000	TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 90,000	\$ 100,000	\$ 100,000
		B. PROJECT FINANCING						
	\$ 100,000	Stormwater Construction Fund	\$ 100,000	\$ 50,000	\$ 50,000	\$ 90,000	\$ 100,000	\$ 100,000
\$ —	\$ 100,000	TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 90,000	\$ 100,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the elimination of the City's brick sanitary sewer manholes and replacement/rehabilitation of sewers as needed to eliminate wastewater from entering into the stormwater management system. Brick manholes are highly susceptible to leaking stormwater and when stormwater gets into the sanitary sewer collection system it can overwhelm the system and cause the stormwater/wastewater mixture to overflow into local creeks, streams and rivers. The City's NPDES stormwater permit requires the City to eliminate this discharge in order to protect the biological integrity of the receiving waters. Replacing porous brick manholes with water-tight manholes reduces the flow of stormwater into the sanitary sewer system and supports the city's efforts to comply with the requirements identified in the USEPA/IDNR/City of Dubuque Consent Decree. This project is related to Sanitary Sewer Manhole Replacement Project, CIP 710-1335. The City's sanitary sewer system Capacity, Management, Operation, and Maintenance Program (CMOM), established to fulfill a requirement of the Consent Decree, outlines that the City budgets "on average" \$100,000 per year to replace manholes. In accordance with CMOM, this CIP, along with CIP 7101335, should total "on average" \$100,000 each year to replace sanitary sewer manholes.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund and the Sanitary Sewer Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Storm Sewer - General Replacements			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 720-1066		TOTAL PROJECT COST \$ 528,199
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 3,580	\$ 20,000	Design & Engineering	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 30,000	\$ 26,600
\$ 21,474	\$ 133,145	Construction	\$ 80,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 70,000	\$ 177,655
\$ 25,054	\$ 153,145	TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 204,255
		B. PROJECT FINANCING						
\$ 25,054	\$ 153,145	Stormwater Construction Fund	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 204,255
\$ 25,054	\$ 153,145	TOTAL	\$ 100,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 100,000	\$ 204,255

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the unanticipated replacement of stormwater management facilities within the City's storm sewer system. While efforts are taken to identify and prioritize the replacement of storm sewer facilities (intakes, manholes, storm sewer pipes, culverts, ditches, detention basins, etc.), this funding allows for the replacement of facilities deemed to be likely to fail if not replaced in the short term.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Storm Sewer Improvements/Extensions			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 720-1008		TOTAL PROJECT COST \$ 364,946
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Design & Engineering	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,500	\$ 10,500
	\$ 50,000	Construction	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 54,446	\$ 54,446
\$ —	\$ 60,000	TOTAL	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 64,946	\$ 64,946
		B. PROJECT FINANCING						
	\$ 60,000	Stormwater Construction Fund	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 64,946	\$ 64,946
\$ —	\$ 60,000	TOTAL	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 64,946	\$ 64,946

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for various storm sewer improvements such as adding storm sewer and catch basins. It also provides for City participation in the extension of public drainage facilities on private property. The extent of City participation will be limited to the City supplying construction materials on a case-by-case basis linked to private participation. These monies will only become available on a case-by-case basis, based on benefit to the City. This project is an appropriation for City participation in storm sewer construction in new subdivision developments and in existing areas to relieve drainage problems. Priorities are based upon citizen requests and severity of the problem.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Catch Basin Reconstruction			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 720-1081		TOTAL PROJECT COST \$ 319,182
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Design & Engineering	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,500	\$ 10,500
	\$ 43,000	Construction	\$ 43,000	\$ 43,000	\$ 43,000	\$ 43,060	\$ 43,622	\$ 44,704
\$ —	\$ 53,000	TOTAL	\$ 53,000	\$ 53,000	\$ 53,000	\$ 53,060	\$ 54,122	\$ 55,204
		B. PROJECT FINANCING						
	\$ 53,000	Stormwater Construction Fund	\$ 53,000	\$ 53,000	\$ 53,000	\$ 53,060	\$ 54,122	\$ 55,204
\$ —	\$ 53,000	TOTAL	\$ 53,000	\$ 53,000	\$ 53,000	\$ 53,060	\$ 54,122	\$ 55,204

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the reconstruction of catch basins. There are approximately 900 curb opening style catch basins throughout the city which were the standard prior to 1990. This project provides for the replacement of these and other old-style catch basins that are in disrepair within a fifteen year period. The current standard catch basin is much more efficient at collecting stormwater than the old -style catch basins. Old catch basins do not collect the desired amount of street drainage causing unnecessary street flooding. Under some circumstances, the old style catch basins have larger openings which can pose a safety risk to pedestrians.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Drain Tile Program			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 720-1354		TOTAL PROJECT COST \$ 124,083
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 2,000	Design & Engineering	\$ 2,000	\$ 2,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
	\$ 18,000	Construction	\$ 18,000	\$ 18,400	\$ 17,810	\$ 18,224	\$ 18,649	\$ 19,082
\$ —	\$ 20,000	TOTAL	\$ 20,000	\$ 20,400	\$ 20,810	\$ 21,224	\$ 21,649	\$ 22,082
		B. PROJECT FINANCING						
	\$ 20,000	Stormwater Construction Fund	\$ 20,000	\$ 20,400	\$ 20,810	\$ 21,224	\$ 21,649	\$ 22,082
\$ —	\$ 20,000	TOTAL	\$ 20,000	\$ 20,400	\$ 20,810	\$ 21,224	\$ 21,649	\$ 22,082

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of drain tile to collect sump pump discharge and direct it to a storm sewer where a storm sewer is not available. A significant number of homes in Dubuque utilize sump pumps to prevent groundwater from damaging basements. In many instances, sump pump discharge is directed through the curb into the street which serves as part of the public stormwater drainage system. The relatively constant flow of water into streets can damage streets and, in some instances, result in hazardous, slick street surfaces. This funding provides for addressing trouble spots where icing or algae impact intersections or where icing becomes extreme and its removal is beyond the capability of the average homeowner. When possible, the work is done in conjunction with street resurfacing projects and other Public Works efforts. Since 2007, over twenty of the more severe problem areas have been addressed. The cost per site has varied from \$3,500 to \$35,000. Some sites are more costly because they require the installation of additional storm sewer and catch basins; these are usually funded through unique CIP projects. The cost to address a typical site is roughly \$10,000. With approximately \$20,000 budgeted per year, the remaining identified and verified problem areas will be addressed within a ten-year period. The City continually receives calls about ice buildup and/or algae along the curb; However, not all warrant drain tile improvements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Storm Sewer Lining and Rehabilitation			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 720-1363	TOTAL PROJECT COST \$ 350,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Design & Engineering		\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ —
	\$ 90,000	Construction		\$ 90,000	\$ 40,000	\$ 90,000	\$ 90,000	\$ —
\$ —	\$ 100,000	TOTAL	\$ —	\$ 100,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ —
		B. PROJECT FINANCING						
	\$ 100,000	Stormwater Construction Fund		\$ 100,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ —
\$ —	\$ 100,000	TOTAL	\$ —	\$ 100,000	\$ 50,000	\$ 100,000	\$ 100,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for using gunite to rehabilitate old, damaged, or otherwise substandard existing sewers. The initial step is to clean debris and sediment from the bottom of the pipe for further inspection. This repair process consists of placement of a wire-reinforcing mesh and spraying a layer of concrete mortar on the inside diameter of the storm sewer. Old storm sewers can deteriorate, causing several collapses of the structures. The gunite process forms a new pipe within the existing structure without excavation of the street and extends the life of the storm sewer.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Bee Branch Creek Railroad Culverts (Phase 7 of Bee Branch Watershed Flood Mitigation Project)			YEAR FIRST SUBMITTED: FY 2013	TOTAL PROJECT COST	
						ACTIVITY NO: 264-2769	340-2769	\$ 28,317,826
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 142,211	\$ 500,000	A. EXPENDITURE ITEMS						
	\$ 50,000	Design & Engineering	\$ 1,688,673	\$ 600,000	\$ —	\$ —	\$ —	\$ —
	\$ 300,000	Engineering Services	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —	\$ —
	\$ 4,879,042	Property Acquisition	\$ 110,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 11,968,800	\$ 7,979,100	\$ —	\$ —	\$ —	\$ —
\$ 142,211	\$ 5,729,042	TOTAL	\$ 13,817,473	\$ 8,629,100	\$ —	\$ —	\$ —	\$ —
\$ 142,211		B. PROJECT FINANCING						
	\$ 1,250,000	Federal Grant	\$ 3,508,042	\$ 5,808,142	\$ —	\$ —	\$ —	\$ —
	\$ 4,479,042	State Revolving Fund Loan	\$ 9,000,000	\$ 1,820,958	\$ —	\$ —	\$ —	\$ —
		Sales Tax Increment	\$ 1,309,431	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 142,211		Stormwater Construction Fund	\$ —	\$ 1,000,000	\$ —	\$ —	\$ —	\$ —
\$ 142,211	\$ 5,729,042	TOTAL	\$ 13,817,473	\$ 8,629,100	\$ —	\$ —	\$ —	\$ —
\$ 142,211		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 315,729	\$ 1,053,060	\$ 1,053,560	\$ 1,052,780	\$ 1,053,060	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of culverts under the railroad tracks at the Canadian Pacific railroad yard at 506 Garfield Avenue. Improvements include six 8-foot diameter culverts to be tunneled under the railroad tracks. It also involves the construction of 3 12-foot wide by 10-foot high box culverts from Garfield Avenue to the south to a proposed transition structure where stormwater from the box culverts will join flow from the existing Bee Branch sewer and be directed into the proposed tunneled culverts and the existing box culverts under the railroad tracks. The project also includes construction of an outfall structure on the downstream end of the tunneled culverts where the culverts will discharge into the Bee Branch Creek south of the railroad tracks. Finally, it includes the retrofitting of the existing box culverts such that they provide dual functions: a hike/bike trail below the railroad tracks and stormwater management during extreme rain events. Installation of the new culverts is critical to mitigating the damage caused by repeated flash flooding in the Bee Branch Watershed. The Drainage Basin Master Plan predicted that there are over 1,155 homes and businesses in the Bee Branch Watershed at risk of flood damage during heavy rains, flooding and witnessed firsthand in Dubuque six times since 1999. A subsequent study in 2009 by the Federal Emergency Management Agency (FEMA) identified a flood prone area in the Bee Branch Watershed impacting 1,373 properties. Of the seven (7) Presidential Disaster Declarations issued between 1999 and 2011 due to the damage sustained as a result of intense rainfall and flash flooding, six (6) have hit the Bee Branch Watershed particularly hard with estimated damages totaling \$69.8 million, or about \$5.8 million annually. Once the improvements are implemented, flash flooding experienced within the Bee Branch Watershed will be mitigated and the annual cost of flood damage will be negligible.

DEPARTMENT: 55 - Engineering / Stormwater	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Bee Branch Creek Railroad Culverts (Phase 7 of Bee Branch Watershed Flood Mitigation Project)	YEAR FIRST SUBMITTED: FY 2013 ACTIVITY NO: 264-2769 340-2769 720-2769	TOTAL PROJECT COST \$ 28,317,826
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PROJECT DESCRIPTION/JUSTIFICATION (Cont)

The Bee Branch Creek Restoration is the key component of the Watershed Flood Mitigation Project that will prevent an estimated \$582 million in damages over the 100 year design life of the project, protect lives, and stop private disinvestment in the watershed. The use of the State Revolving Fund (SRF) loan will allow for spreading the cost of the improvements over several years with a known, low interest rate (1.75 to 2.75% depending on the repayment term). Through the SRF Sponsored Projects program, the interest rate can be lowered further when offset by increasing the loan principal to pay for additional water quality improvements within the watershed; The City would not pay any more than it would have for just the Bee Branch improvements. Instead, two water quality projects can be completed for the cost of one.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund, HUD NDRC grant funds, SRF, and Sales Tax Increment funds.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: 22nd Street/Kaufmann Ave (Phase 8 of Bee Branch Watershed Flood Mitigation Project)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 264-2769 340-2769	TOTAL PROJECT COST \$ 8,877,660	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 1,302,361	Design & Engineering	\$ 672,083	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 146,956	Engineering Services	\$ 75,000	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 7,868	Property Acquisitions	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 2,572,992	Construction	\$ 4,090,400	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 4,030,177	TOTAL	\$ 4,847,483	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 2,493,449	Federal Grant	\$ 2,391,371	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 1,536,728	State Flood Mitigation	\$ 2,213,712	\$ —	\$ —	\$ —	\$ —	\$ —
		Stormwater Construction Fund	\$ 192,400	\$ —	\$ —	\$ —	\$ —	\$ —
		Housing TIF	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 4,030,177	TOTAL	\$ 4,847,483	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of a large diameter storm sewer and total reconstruction of the street and utilities along 22nd Street from Elm Street to the west across Central Avenue and up Kaufmann Ave towards Kane Street. Exact limits to be determined by available funding. Due to the size of the storm sewer to be installed, the project requires the complete reconstruction of the street, traffic control, and public utilities along the entire stretch. Flash flooding has resulted in stormwater running like a river down 22nd Street from Central Avenue to Elm Street. A hydraulic capacity analysis of the Kaufmann Avenue (22nd Street) storm sewer revealed that the existing storm sewer is insufficient to convey more than a 2-year rain event. Construction of the Bee Branch Creek just downstream allows for the upsizing of the storm sewer system to alleviate the flooding conditions in the street. This project is Phase 8 of the Bee Branch Watershed Flood Mitigation Project. The Bee Branch Watershed Flood Mitigation Project phases are as follows: Phase 1 - Carter Road Detention Basin; Phase 2 - W.32nd Street Detention Basin; Phase 3 - Historic Millwork District; Phase 4 - Lower Bee Branch Creek Restoration; Phase 5 - Bee Branch Flood Mitigation Gate Replacement Project; Phase 6 - Impervious Surface Reduction (Pervious Pavement Systems); Phase 7 - Upper Bee Branch Creek Restoration; Phase 8 - 22nd St/Kaufmann Ave Storm Sewer Improvements; Phase 9 - Flood Maintenance Facility; Phase 10 - North End Storm Sewer Improvements; Phase 11 - Water Plant Flood Protection System; Phase 12 - 17th St/W. Locust Street Storm Sewer Improvements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Sales Tax Increment Fund, HUD NDRC Grant Funds, State Flood Mitigation funds, and Housing TIF.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: 17th Street Storm Improvements (Phase 12 of Bee Branch Watershed Flood Mitigation Project)			YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST	
						ACTIVITY NO: 264-2769	340-2769	\$ 10,703,243
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 2,215,264	Design & Engineering	\$ 350,000		\$ —	\$ —	\$ —	\$ —
	\$ 145,501	Engineering Services	\$ 25,000		\$ —	\$ —	\$ —	\$ —
	\$ 25,137	Property Acquisitions	\$ 20,000		\$ —	\$ —	\$ —	\$ —
	\$ 5,046,886	Construction	\$ 2,491,037	\$ 384,418	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 7,432,788	TOTAL	\$ 2,886,037	\$ 384,418	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 5,422,715	Federal Grant	\$ 2,228,642		\$ —	\$ —	\$ —	\$ —
		Stormwater Construction Fund	\$ 657,395	\$ 384,418	\$ —	\$ —	\$ —	\$ —
	\$ 2,010,073	State Flood Mitigation			\$ —	\$ —	\$ —	\$ —
\$ —	\$ 7,432,788	TOTAL	\$ 2,886,037	\$ 384,418	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the construction of a large diameter storm sewer along 17th Street from the Bee Branch Creek to W. Locust Street. Due to the size of the storm sewer to be installed, the project requires the complete reconstruction of the street, traffic control, and public utilities along the entire stretch. The Drainage Basin Master Plan identified multiple locations between W. Locust Street and the Bee Branch Creek Restoration where the existing storm sewer capacity is not adequate to carry even the 10-year rainstorm. A problem area was identified at the base of Locust Street and 17th Street where the grade flattens along the street causing flooding in the area. In addition, stormwater will flow rapidly down 17th Street much like a running river. The expansion of the capacity of storm sewer inlets and pipes would significantly reduce flooding of streets and adjacent properties within the Locust Street Drainage Subarea. This project is Phase 12 of the Bee Branch Watershed Flood Mitigation Project. The Bee Branch Watershed Flood Mitigation Project phases are as follows: Phase 1 - Carter Road Detention Basin; Phase 2 - W.32nd Street Detention Basin; Phase 3 - Historic Millwork District; Phase 4 - Lower Bee Branch Creek Restoration; Phase 5 - Bee Branch Flood Mitigation Gate Replacement Project; Phase 6 - Impervious Surface Reduction (Pervious Pavement Systems); Phase 7 - Upper Bee Branch Creek Restoration; Phase 8 - 22nd St/Kaufmann Ave Storm Sewer Improvements; Phase 9 - Flood Maintenance Facility; Phase 10 - North End Storm Sewer Improvements; Phase 11 - Water Plant Flood Protection System; Phase 12 - 17th St/W. Locust Street Storm Sewer Improvements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund, HUD NDRC grant funds, and State Flood Mitigation Funds.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Flood Control Maintenance Facility (Phase 9 of Bee Branch Watershed Flood Mitigation Project)			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 720-2609 340-2609	TOTAL PROJECT COST \$ 457,580	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 182,190	\$ 25,000	Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ 220,000	\$ 50,000
\$ 30,390		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,355,500
\$ 212,580	\$ 25,000	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 220,000	\$ 4,405,500
		B. PROJECT FINANCING						
		State Flood Mitigation	\$ —	\$ —	\$ —	\$ —	\$ 220,000	\$ 4,405,500
\$ 82,255	\$ 25,000	Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 130,325		Sales Tax Increment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 212,580	\$ 25,000	TOTAL	\$ —	\$ —	\$ —	\$ —	\$ 220,000	\$ 4,405,500

PROJECT DESCRIPTION/JUSTIFICATION

This project involves the construction of a maintenance facility near 16th and Elm Streets near the Bee Branch Creek on the former Blum junk yard site. In addition to providing work space for City employees assigned to maintaining the Bee Branch Creek Greenway, the facility will provide storage of a boat that will allow access to every foot of the newly created creek shoreline. It will also provide public restrooms which will double as a storm shelter for people within the greenway in the event that severe weather approaches while they are in the mile long corridor. Parking will also be provided as part of the project. The Flood Mitigation Maintenance Facility will provide the work space and equipment storage areas necessary to provide adequate maintenance of the Bee Branch Creek and the 16th Street Detention Basin to ensure that the facilities are able to function at an optimum level when a flash flood occurs. The decision has not been made yet if both existing structures will be removed and a new building built or if one of the structures can be saved with an addition to accommodate all City needs. If one of the buildings is saved, there will be a decision about the use of the upper floors possibly for City offices. The funding in FY2019 provides for the development of a conceptual design for the site that will inform those decisions. This project is Phase 9 of the Bee Branch Watershed Flood Mitigation Project. The Bee Branch Watershed Flood Mitigation Project phases are as follows: Phase 1 - Carter Road Detention Basin; Phase 2 - W.32nd Street Detention Basin; Phase 3 - Historic Millwork District; Phase 4 - Lower Bee Branch Creek Restoration; Phase 5 - Bee Branch Flood Mitigation Gate Replacement Project; Phase 6 - Impervious Surface Reduction (Pervious Pavement Systems); Phase 7 - Upper Bee Branch Creek Restoration; Phase 8 - 22nd St/Kaufmann Ave Storm Sewer Improvements; Phase 9 - Flood Maintenance Facility; Phase 10 - North End Storm Sewer Improvements; Phase 11 - Water Plant Flood Protection System; Phase 12 - 17th St/W. Locust Street Storm Sewer Improvements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund and the State Flood Mitigation Funds.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: SW Arterial - US HWY 20 Interchange Storm Sewer Improvements			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2020 720-2670	TOTAL PROJECT COST \$ 337,413
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 12,413	A. EXPENDITURE ITEMS						
		Construction	\$ 325,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Engineering & Design	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 12,413	TOTAL	\$ 325,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 12,413	Stormwater Construction Fund	\$ 325,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 12,413	TOTAL	\$ 325,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the construction of new storm sewer as part of the Southwest Arterial - US Highway 20 Interchange project. In accordance with the provisions of Iowa Administrative Code, and per the terms and conditions of the Preconstruction Funding Agreement, the City is responsible for the costs associated with the construction of City owned public utilities. The US Highway 20 Interchange paving project will be bid by the Iowa DOT in December 2018, with construction to occur during the 2019 construction seasons. Once completed, the storm sewer drainage system will fall under the jurisdiction of the City as a local public utility. The relocation of utilities will be completed by the Iowa DOT as part of the - US Highway 20 Interchange project and the City will reimburse the State for the incurred costs.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Southwest Arterial Street project (CIP #300-1287) and must be funded in the same fiscal year as that project.

OUTCOME

Partnership for a Better Dubuque: Leverage community resources to accomplish more with tax revenue.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund, Sales Tax Fund (30%), and Road Use Tax.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Landfill Access Frontage Road Storm Sewer			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2020 720-2762	TOTAL PROJECT COST \$ 222,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Payment to Other Agency	\$ 222,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 222,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 222,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 222,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the storm sewer associated with the Landfill Access Road. As part of the US Highway 20 safety improvements, the existing at-grade access road to the landfill will be removed and a new frontage road to provide access to the landfill will be created. The new Landfill Access Frontage Road will connect directly to Seippel Road, near the Southwest Arterial interchange. Once completed, the Landfill Access Frontage Road will fall under the jurisdiction of the City as a local public street. In accordance with the terms and conditions of the Pre-construction Agreement between the Iowa DOT and the City, the Iowa DOT will construct the road and the City will be responsible for 100% of the cost for storm sewer. This project relates to CIP #3002762, Landfill Access Road funded for FY19.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: University Avenue Storm Sewer Reconstruction (Street Project)			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 720-1811		TOTAL PROJECT COST \$ 175,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 25,000	\$ —		\$ —	\$ —	\$ —
		Construction	\$ —	\$ 150,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 25,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 25,000	\$ 150,000		\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 25,000	\$ 150,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the relocation, reconstruction, and extension of storm sewer as necessary due to the construction of the three roundabouts on University Avenue outlined in the East/West Corridor Study. The construction of roundabouts requires the relocation and possible improvements to the existing storm sewer system along University Avenue between Loras Boulevard and Pennsylvania Avenue.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the University Avenue Roundabout Project and must be scheduled in the same fiscal year as that project.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Roosevelt Culvert Reconstruction			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 720-1379		TOTAL PROJECT COST \$ 21,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 5,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 16,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 21,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 21,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 21,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project involves the reconstruction of the culvert under Roosevelt Street just east of Peru Road. The existing corrugated metal pipe has deteriorated to the point where replacement is appropriate.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Heeb Street Storm Sewer (Street Program)			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 720-2612		TOTAL PROJECT COST \$ 30,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 5,000		\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 25,000		\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 5,000	\$ 25,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ 5,000	\$ 25,000		\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 5,000	\$ 25,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the extension of storm sewer from Kaufmann Ave to the south on Heeb Street in conjunction with the reconstruction of Heeb Street. Reconstruction of Heeb Street with a standard curb and gutter will require catch basins and storm sewer to drain the pavement.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Heeb Street Reconstruction Project and needs to be scheduled in the same fiscal year as that project.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Keokuk Storm Sewer Extension			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 720-		TOTAL PROJECT COST \$ 44,600
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 8,600	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ 36,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 44,600	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ 44,600	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 44,600	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project involves the construction of 15-inch diameter storm sewer from Keokuk Street to the north along the unimproved but platted National Street. The existing sewer from Keokuk discharges onto National Street and flows over ground for a few hundred feet before it enters into another section of the City's storm sewer system network. The current system is susceptible to erosion and maintenance issues and costs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Copper Field Storm Sewer Extension			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 720-		TOTAL PROJECT COST \$ 34,700
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 6,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ 28,700	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 34,700	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ 34,700	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 34,700	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project involves the extension of approximately 150 feet of storm sewer along Copper Field to Mill Run. Several homes on Mill Run utilize sump pumps and drain tile to prevent groundwater damage to their homes. The sump pump discharge is directed through the curb into the street. While curb and gutter is designed to convey storm water, the relatively constant flow of drain tile and sump pump discharge has resulted in hazardous, slick street surfaces. Extension of the storm sewer will facilitate the extension of drain tile and the interception of the sometimes hazardous discharge.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Key Way Drive Outfall and Storm Sewer Replacement Project			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 720-		TOTAL PROJECT COST \$ 30,100
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ 25,100	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 30,100	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ 30,100	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 30,100	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the repair of approximately 64 linear feet of 48-inch diameter storm sewer located at the outfall adjacent to Key Way Drive. The project is subject to access issues, so costs include site access and site restoration as necessary. The area is residential. In response to a Public Works request and site investigation, the storm sewer sections scheduled for replacement were seen to be significantly eroded and beyond repair.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Pennsylvania Culvert Replacement			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 720-		TOTAL PROJECT COST \$ 125,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ 25,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 100,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 25,000	\$ 100,000	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ 25,000	\$ 100,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ 25,000	\$ 100,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the replacement/rehab of a large diameter corrugated metal culvert under Pennsylvania west of Radford Road near 6505 Pennsylvania Avenue. The culvert is in poor condition requiring repeated maintenance.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Windsor Storm Extension (Buena Vista to Strauss)			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 720-2414	TOTAL PROJECT COST \$ 80,500	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ 8,500	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 72,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 80,500	\$ —	\$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	\$ —	\$ —	\$ —	\$ 80,500	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 80,500	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the construction of 265 feet of 15-inch diameter storm sewer on Windsor Avenue from Buena Vista to Strauss. This project was budgeted previously but was delayed as a result of prioritizing other pressing stormwater management needs. The additional storm sewer will reduce the threat of stormwater entering onto private property and causing property damage just south of Buena Vista.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to the Stormwater Construction Fund.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pavement Marking Project			YEAR FIRST SUBMITTED: FY 1980 ACTIVITY NO: 300-2245		TOTAL PROJECT COST \$ 873,320
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 109,458	\$ 115,000	Construction	\$ 115,000	\$ 75,000	\$ 115,000	\$ 115,000	\$ 115,000	\$ 120,000
\$ 3,862	\$ 20,000	Engineering Services	\$ 20,000	\$ 10,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ 113,320	\$ 135,000	TOTAL	\$ 135,000	\$ 85,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 140,000
		B. PROJECT FINANCING						
\$ 98,964	\$ 120,000	Sales Tax Fund (30%)	\$ 120,000	\$ 70,000	\$ 120,000	\$ —	\$ —	\$ 125,000
\$ 14,356	\$ 15,000	IDOT Funding	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
\$ 113,320	\$ 135,000	TOTAL	\$ 135,000	\$ 85,000	\$ 135,000	\$ 135,000	\$ 135,000	\$ 140,000

PROJECT DESCRIPTION/JUSTIFICATION

This annual reoccurring budget provides for pavement markings on City streets. Markings typically include: centerlines, lane lines, edge lines, curb medians, diagonal gore markings, crosswalks, stop bars, arrows, word messages, railroad crossings, and disability symbols. In 2016 the City entered into an agreement with the Iowa DOT to include pavement markings on DOT designated roadway segments within the City and the Iowa DOT would reimburse the City for actual costs incurred. At one time the Public Works owned equipment that allowed City personnel to apply all pavement markings. In the early 1980's the City decided to outsource this activity because of the high cost of new painting equipment. The Engineering Department took over the responsibility of developing plans and specifications for this activity along with administering the pavement marking contract.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Construction General Repairs			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-2142		TOTAL PROJECT COST \$ 581,843
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 38,323	\$ 60,000	Construction	\$ 53,000	\$ 50,000	\$ 60,000	\$ 70,000	\$ 80,000	\$ 80,000
\$ 3,609	\$ 15,000	Engineering Services	\$ 30,000	\$ 30,000	\$ 31,911	\$ 30,000	\$ 30,000	\$ 30,000
\$ 41,932	\$ 75,000	TOTAL	\$ 83,000	\$ 80,000	\$ 91,911	\$ 100,000	\$ 110,000	\$ 110,000
		B. PROJECT FINANCING						
\$ 41,932	\$ 75,000	Sales Tax Fund (30%)	\$ 83,000	\$ 80,000	\$ 91,911	\$ 100,000	\$ 110,000	\$ 110,000
\$ 41,932	\$ 75,000	TOTAL	\$ 83,000	\$ 80,000	\$ 91,911	\$ 100,000	\$ 110,000	\$ 110,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for an annual program to perform design and construction for general street construction related improvements. In prior years, the City had an annual capital improvement budget that would collectively fund all construction related improvements and the 5-Year Annual Street Construction Program. This policy has been changed and now the Annual Street Construction Program is budgeted as individual CIP's. As a result, an annual program is needed to provide a funding mechanism to allow for the construction for general street construction repairs and related improvements as miscellaneous projects develop. The Engineering Department routinely work on miscellaneous repair projects that occur, require a quick response and that are both unexpected and not budgeted. This annual program will provide a funding source to cover the construction costs for those unanticipated small repair projects.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Guardrail Replacement			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 300-1027		TOTAL PROJECT COST \$ 65,718
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 8,718	\$ 8,000	Construction	\$ 8,000	\$ —	\$ 13,000	\$ 8,000	\$ 9,000	\$ 9,000
	\$ 2,000	Engineering Services	\$ 2,000	\$ —	\$ 2,000	\$ 2,000	\$ 3,000	\$ 3,000
\$ 8,718	\$ 10,000	TOTAL	\$ 10,000	\$ —	\$ 15,000	\$ 10,000	\$ 12,000	\$ 12,000
		B. PROJECT FINANCING						
\$ 8,718	\$ 10,000	Sales Tax Fund (30%)	\$ 10,000	\$ —	\$ 15,000	\$ 10,000	\$ 12,000	\$ 12,000
\$ 8,718	\$ 10,000	TOTAL	\$ 10,000	\$ —	\$ 15,000	\$ 10,000	\$ 12,000	\$ 12,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation, replacement, maintenance and/or removal of guardrail. Currently, Guardrail sections under review include Lawther, Thomas Place, Cedar Cross Rd. and on Burden. Other areas are reviewed based on citizen feedback. A majority of the guardrail and guard cable along City streets and walls is substandard in both performance and appearance. This project provides for upgrading of non-functional, rusted, or misaligned guardrail and guard cable throughout the City.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: East - West Corridor Capacity Improvements			YEAR FIRST SUBMITTED: FY 2010	TOTAL PROJECT COST	
						ACTIVITY NO: 360-1039	250-1039	300-1039 \$ 12,040,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 1,948	\$ 50,000	A. EXPENDITURE ITEMS						
	\$ 1,590,000	Engineering Services	\$ 50,000	\$ 50,000	\$ 50,000	\$ —	\$ —	\$ —
		Consultant Services	\$ 400,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —
		Property Acquisition	\$ 4,000,000	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 1,648,052	Construction	\$ —	\$ —	\$ 4,100,000	\$ —	\$ —	\$ —
\$ 1,948	\$ 3,288,052	TOTAL	\$ 4,450,000	\$ 150,000	\$ 4,150,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 2,240,000	DMATS STBG Funds	\$ 4,000,000	\$ —	\$ 2,600,000	\$ —	\$ —	\$ —
		State Grants (TSF, ICAAP)	\$ —	\$ —	\$ 1,500,000	\$ —	\$ —	\$ —
	\$ 50,396	GDTIF Debt	\$ 450,000	\$ 150,000	\$ 50,000	\$ —	\$ —	\$ —
	\$ 630,052	Sales Tax 20%	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 1,948	\$ 367,604	Road Use Tax	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 1,948	\$ 3,288,052	TOTAL	\$ 4,450,000	\$ 150,000	\$ 4,150,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The US Highway 20 corridor is the primary east-west route in the City of Dubuque and future traffic volume projections indicate US Highway 20 alone will not provide sufficient capacity for east-west travel in the city. Capacity along alternate east-west corridors will need to be improved to provide connectivity between the western growth areas and the downtown urban core.

In February 2012, the City Council formally adopted the East-West Corridor Connectivity Study Final Report and directed City staff to begin implementation plans for the recommendations contained in the East-West Corridor Connectivity Report. The adopted East-West Corridor Connectivity Study report acts as the City's Master Plan for both short-term and long-term capacity improvements or corridor modifications to support growing east-west traffic flow in the City. The study includes recommended improvements supporting complete streets concepts, multi-modal transportation, vehicle, pedestrian, bicycle, and recreational improvements.

The section of University Avenue, from Pennsylvania Avenue to Loras Boulevard, referred to as the "Overlap Section" was recommended for converting the three intersections along University Avenue to roundabouts. With funds programmed in FY 2018 - 2019, the next steps in the design development process are to complete the preliminary engineering and environmental (NEPA) study phase for intersection capacity improvements along University Avenue at Loras Boulevard, Asbury Road, and at Pennsylvania Avenue.

Once the preliminary engineering and environmental (NEPA) study are completed, corridor impacts will be identified, and property acquisition could begin in approximately FY2020 / 2021 and would take approximately 2 years to complete. Once property acquisition is completed within the Overlap Section, construction to convert the three intersections along University Avenue to roundabouts could begin in FY2022 and would take approximately 2-3 years to complete. In August 2017, the City Council listed the East - West Corridor Capacity Improvement Implementation as a "Top-Priority" in its 2017-2019 Goals and Priorities. In an effort to advance this top priority, the City has already completed the following improvements: University and Grandview Roundabout (FY 19) and Grandview-Delhi-Grace Roundabout (FY 17).

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: East - West Corridor Capacity Improvements	YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 360-1039 250-1039 300-1039	TOTAL PROJECT COST \$ 12,040,000
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

2016 Property Acquisition	\$ 853,000
2016 Grandview - Delhi Roundabout	\$ 827,000
2017 Loras – Grandview Traffic Signals	\$ 370,300
2018 University - Grandview Roundabout	\$1,200,000
Total Improvements To-Date	\$3,250,300

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization); Sustainable Environment: Maintain/improve air quality.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Road Use Tax, Greater Downtown TIF, DMATS STBG and other eligible State grant funding.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Chavenelle Road Reconstruction			YEAR FIRST SUBMITTED: FY 2014	TOTAL PROJECT COST \$ 3,000,000	
						ACTIVITY NO: 360-2551 102-2430		
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 2,700,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 3,000,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DICW TIF	\$ —	\$ 2,700,000	\$ —	\$ —	\$ —	\$ —
		Special Assessments	\$ —	\$ 300,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 3,000,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Chavenelle Road between the Northwest Arterial and Radford Road. The section of Chavenelle Road between the Northwest Arterial to Radford Road was constructed in 1981 with the original development of the Industrial Center properties. The pavement condition on Chavenelle Road is deteriorating due to concrete panel displacement at a majority of the transverse joints causing a nonuniform pavement with a rough riding surface. This section of Chavenelle is an 8-inch concrete pavement with minimal reinforcing steel which was constructed over soils that were used from developing the Industrial Center building sites. This section of Chavenelle Road is subject to wet subsurface conditions which cause the pavement supporting base material to become saturated thus reducing the load transfer capability of the subgrade base material. The wet subsurface conditions have also made the pavement highly susceptible to freeze - thaw conditions during the winter seasons. As part of the FY18 adopted budget, \$1,500,000 was programmed to compete the pavement rehabilitation of Chavenelle Road between the Northwest Arterial and Radford Road. However, upon reviewing the increasingly deteriorated pavement condition, staff believes this section of Chavenelle Road has reached the end of service life and that pavement rehabilitation is no longer a cost-effective alternative. Staff is now recommending the complete reconstruction of Chavenelle Road which will include the installation of longitudinal subdrain along each side of the road; storm sewer reconstruction; adding a stabilized stone base under the new pavement with curb and gutter; sidewalk along the southside of the road; a hike/bike trail along the southside of the road; and new energy efficient LED roadway lighting. Staff is also recommending that Chavenelle Road be converted from the existing 4-lane street width to a complete street 3-lane roadway with a center turn lane. By shifting the road to the south, constructing a new 3-lane street width, this will reduce construction costs while also allowing the Chavenelle Hike/Bike Trail to be constructed within the existing right-of-way along the northerly side of the roadway.

The reconstruction of Chavenelle Road between the Northwest Arterial and Radford Road will need to be coordinated with both the Southwest Arterial project and the Chavenelle Hike/Bike Trail project. With the Southwest Arterial / US20 interchange under construction and the local Seippel Road access to US20 being closed, this is requiring traffic from the Dubuque Industrial Center West to rely heavily on the Chavenelle Road corridor. The completion of the Southwest Arterial / US20 interchange and re-opening the Seippel Road access to US20 will not be completed in time for the Chavenelle Road Reconstruction project to be done in 2019. In an effort to minimize impacts to the traveling public, staff is recommending that the reconstruction of Chavenelle Road to occur in the 2020 construction season (FY21).

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Chavenelle Road Reconstruction	YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 360-2551 102-2430	TOTAL PROJECT COST \$ 3,000,000
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RELATIONSHIP TO OTHER PROJECTS

Additionally, to continue the coordinated progress for the completion of the Chavenelle Hike/Bike Trail project, CIP 3602273, staff is recommending the Hike/Bike Trail project be constructed in 2 phases. Phase 1 would occur in the 2019 construction season and would include the construction of the westerly half of the Hike/Bike Trail from Radford to Seippel road. Phase 2 would include the construction of the easterly half of the Hike/Bike Trail from the Northwest Arterial to Radford road and will be incorporated as part of the Chavenelle Road reconstruction project in the 2020 construction season (FY21).

This project also has a direct impact on the Street Program Related Sanitary Sewer fund since the sanitarysewer mains and manholes may be impacted (CIP 710-1335). The water main replacements fund will be directly impacted due to water main replacement (CIP 710-1405). The Sanitary Sewer and Water Main replacements related to this project must be funded in the same fiscal year as this project.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to DICW TIF, Special Assessments, Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Heeb Street Reconstruction			YEAR FIRST SUBMITTED: FY 2018		TOTAL PROJECT COST
						ACTIVITY NO: 300-2612		\$ 300,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 250,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 50,000	\$ 250,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ 230,000	\$ —	\$ —	\$ —	\$ —
		Special Assessments	\$ —	\$ 20,000	\$ —	\$ —	\$ —	\$ —
		Sales Tax Fund (30%)	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 50,000	\$ 250,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Heeb Street just south of Kaufmann Avenue with new pavement, curb & gutter, and sidewalks. The existing asphalt street is degraded and needs to be replaced. A portion of the street does not have curb and gutter and this project will provide for installation of curb and gutter. The Heeb Street retaining wall was reconstructed a few years ago. The water main in this street is sub-standard with multiple lead services. The Water Department prefers this street get replaced in conjunction with the Kaufmann Avenue HUD Resiliency Project. This project will impact the Water Department's water main fund, the sanitary sewer fund and the storm sewer fund. In 2019, Kaufmann Avenue will be reconstructed as part of the HUD Resiliency project.

RELATIONSHIP TO OTHER PROJECTS

This project has a direct impact on the Street Program Related Sanitary Sewer fund (7101638) since the sanitary sewer mains and lateral will be rebuilt. The water main replacements fund (7401405) will be directly impacted due to water main replacement.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Southwest Arterial Project			YEAR FIRST SUBMITTED: FY 2003 ACTIVITY NO: 300-1287		TOTAL PROJECT COST \$ 12,791,029
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 142,271	\$ 100,000	A. EXPENDITURE ITEMS						
\$ 1,649,941	\$ 1,443,872	Engineering Services	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 669,250		Consultant Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 3,408,876	\$ 5,276,819	Property Acquisition	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 5,870,338	\$ 6,820,691	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 1,699,043	\$ 100,000	Sales Tax Fund (30%)	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 528,762	\$ 4,145,937	Federal SAFETEA-LU	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 3,642,533	\$ 2,393,057	Federal STP	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 181,697	Dubuque County	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 5,870,338	\$ 6,820,691	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Southwest Arterial / US Highway 52 project will be a 6.1-mile four-lane divided freeway with priority 1-access control between Highway 61/151 and Highway 20. The Southwest Arterial (US 52) project will provide an alternate, direct and efficient route for traffic through southwestern Dubuque, which will connect two growing sections of the community together and will support future anticipated expansion growth to the southwest of the City toward the Dubuque Regional Airport. The project will provide a significant regional economic benefit in providing a direct connection between the Technology Park and the Industrial Center West.

CURRENT STATUS: The Southwest Arterial (US 52) project team is now completing the final engineering design phases and preparing construction plan documents for the remaining 2-lane construction bid packages which will be let during 2018. In effort to keep the project development on schedule while preparing to incorporate the remaining 4-lane construction phases should the additional funding be approved in the upcoming (June 2018) Iowa 5-Year Transportation Improvement Program, both the City and the Iowa DOT have authorized the design team to immediately proceed with completing the final engineering design for the remaining (2) bridges and the remaining 2-lane paving. Multiple construction projects are currently underway.

PROPERTY ACQUISITION: The City is substantially complete with all the right-of-way acquisition for the 56 impacted properties along the Southwest Arterial (US 52) Corridor. In total, there were 93 owner, leasehold or rental tenants affected, each requiring separate negotiated purchase agreement settlements. As of January 2018, the City has spent to-date approximately \$16.8 million for right-of-way property acquisition.

CONSTRUCTION UPDATE: The first city administered construction project, the North Cascade Road project was completed in November 2013. The project provided for the reconstruction (grading, paving & bridge) and realignment of North Cascade Road which will allow the Southwest Arterial to travel under the new North Cascade Road Bridge. Final project cost was approximately \$3.7 Million. The English Mill Road reconstruction was the second city administered project and it was substantially completed in June 2017. The project provided for the reconstruction (grading, bridge, and paving) of English Mill Road which will allow the Southwest Arterial to travel under the new English Mill Road Bridge. The final estimated project cost is approximately \$3.9 million dollars. The Military Road reconstruction project is the third and final side-road reconstruction project administered by the City as part of the Southwest Arterial (US 52) project. Construct began in April 2017 and will provide for the reconstruction (grading, bridge and paving) of Military Road. The Military Road reconstruction project is scheduled to be completed in the summer of 2018 at a cost of approximately \$5.6 Million.

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Southwest Arterial Project	YEAR FIRST SUBMITTED: FY 2003 ACTIVITY NO: 300-1287	TOTAL PROJECT COST \$ 12,791,029
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

To-date \$13.5 million in construction projects are completed. When taking into account design services and property acquisition costs, the total expenditure is close to \$45 million dollars. Currently, construction work is occurring along the entire project corridor. Both the City and the Iowa DOT have \$50.5 million in multiple active construction projects underway, extending from US 20 to US 61 / 151. Based on the current project development schedule, the City and Iowa DOT will be bidding 3 projects (\$26 million) in the January and February 2018 state letting with construction to begin in the spring / summer of 2018. The December 2018 letting will include 3 bid packages (\$29.7 million) for highway paving. This will include paving at the US 20 Interchange, paving the US 61 - 151 interchange, and paving the mainline highway from US 20 to US 61 - 151.

TRANSFER OF JURISDICTION: As outlined in the executed Memorandum of Understanding (MOU) and the Transfer of Jurisdiction (TOJ) Agreements, the Iowa DOT proposed re-routing of US 52 and utilizing the Southwest Arterial to carry a portion of re-routed US 52 traffic. In return, the Iowa DOT and City, in joint cooperation, will TOJ the Southwest Arterial from the City to the State in exchange for the Transfer of Jurisdiction of the Northwest Arterial (or Iowa 32), and portions of existing US 52 / Iowa 3 through downtown Dubuque, from the State to the City. The Transfer of Jurisdiction will occur after the Southwest Arterial is completed and open to traffic. As agreed to per the MOU, the City will continue as the lead agency and will be responsible for completing the Final Design, Property Acquisition, Utility Relocations and for completing construction of the English Mill Road Reconstruction, the North Cascade Road Reconstruction, and the Military Road Reconstruction projects. The Iowa DOT will be responsible for the funding and construction of the Southwest Arterial (US 52), from US 20 to US 61/151.

FUNDING: As a result of hard work from Dubuque's congressional delegation over the past 15 years, the City secured approximately \$32.8 million in federal funding for the Southwest Arterial project. The Iowa Department of Transportation Commission has programmed \$115 million dollars in the state's 5-Year Highway Transportation Improvement Program for construction of the 4-lane grading, constructing both interchanges at US 20 and at US 61/151, and for mainline paving a 2-lane highway between US 20 to US 61/151. The City and County have committed a local investment of \$42.8 million dollars (including local match funding and federal earmark appropriation) towards the completion of the Southwest Arterial (US 52). In continuing the strong collaborative partnership between the Iowa Department of Transportation (Iowa DOT), DMATS, Dubuque County and the City of Dubuque, in June 2017, Mayor Buol presented before the Iowa DOT Commissioners to encourage commissioners to consider allocating the additional \$16 million dollars to complete the remaining 4-lane construction, the potential cost savings that could be realized now, while seizing the opportunity and capitalizing on the investment that is currently underway. The City will learn if the additional 4-lane funding is approved in June 2018 when the Iowa DOT Commission adopts the Iowa 5-Year Transportation Improvement Program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Road Use Tax, Federal Appropriations, and DMATS STBG Funds.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: US Highway 20 / Swiss Valley Interchange Project Landfill Access Frontage Road			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 300-2762		TOTAL PROJECT COST \$ 599,972
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Right of Way	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 375,000	Construction	\$ 97,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 2,328	\$ 125,644	Engineering Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 2,328	\$ 500,644	TOTAL	\$ 97,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 2,328	\$ 500,644	Sales Tax Fund (30%)	\$ 97,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 2,328	\$ 500,644	TOTAL	\$ 97,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Iowa Department of Transportation will be implementing safety improvement to US Highway 20 by constructing a new system interchange at the intersection of US Highway 20 and Swiss Valley Road. As part of the safety improvements, Priority 1 access control will be implemented along the corridor between Old Highway intersection and the new Swiss Valley interchange, requiring all existing at-grade access locations be eliminated. This will result in the existing landfill access to be removed and a new frontage road access be created. The new Landfill Frontage Road will connect directly to Seippel Road, near the Southwest Arterial interchange. Iowa DOT standards call for a 24-foot wide road, however the City has requested that the road be 37-foot wide to match City urban street standards. The Iowa DOT has agreed to construct a 37-foot wide road, however the City will be required to pay the cost differential from 24 to 37-foot road width (additional 13-foot width), plus any additional infrastructure costs related to storm sewer, street lighting, and fiber conduit. Once completed, the Landfill Access Road will become the jurisdiction of the City as a local public street.

On November 5, 2018, the City entered into a Preconstruction Funding Agreement (Agreement No. 2019-4-006) with the Iowa DOT which committed to funding the City's cost share portion and allocating the additional funding needed as part of the FY20 adopted budget. Additional funding will be budgeted in FY20 under the Stormwater Construction Fund for the storm sewer improvements related to the new Landfill Access Road.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to another city project, however related to the Iowa DOT's Swiss Valley Interchange project.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Central Avenue & White Street One-Way to Two-Way Traffic Conversion Study			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 360-2796 300-2796		TOTAL PROJECT COST \$ 200,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Consultant Services	\$ 180,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 180,000	\$ —	\$ —	\$ —	\$ —	\$ —
		GDTIF G.O. Debt	\$ 20,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 200,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The proposed funding would provide for hiring a consultant to complete a One-Way to Two-Way Traffic Conversion Study along the Central Avenue Corridor from 4th Street to 21st Street, and on White Street from 5th Street to 21st Street. The proposed Study would evaluate the 15 signalized intersections within the Central and White corridors; identify Complete Street corridor improvements or modifications to support traffic demands; and to consider transit needs, bike and pedestrian needs, and sustainability.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Road Use Tax, and Greater Downtown TIF.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: 7th Street Extension to Pine Street			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 250-2797		TOTAL PROJECT COST \$ 958,400
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ 8,400	\$ —	\$ —	\$ 70,000	\$ 100,000	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 700,000	\$ —
		Consultant Services	\$ 80,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 88,400	\$ —	\$ —	\$ 70,000	\$ 800,000	\$ —
		B. PROJECT FINANCING						
		Road Use Tax	\$ 88,400	\$ —	\$ —	\$ 50,000	\$ 400,000	\$ —
		Greater Downtown TIF	\$ —	\$ —	\$ —	\$ 20,000	\$ 400,000	\$ —
\$ —	\$ —	TOTAL	\$ 88,400	\$ —	\$ —	\$ 70,000	\$ 800,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

With the decommissioning of the Alliant Energy Power Generation Plant on 7th Street and the eventual redevelopment / reuse of the property, this may allow the City an opportunity to evaluate alternatives and the feasibility of developing a roadway through the Alliant site which would connect 7th Street to Pine Street at 9th / Kerper Blvd. The potential extension of 7th Street to Pine Street would allow commercial traffic to use the US 61-151 on / off ramps at 9th Street to access Pine Street to 7th. This would provide commercial vehicles that currently use 7th, 9th, Central, Washington and Jackson Streets through the Historic Millwork District to get to the industrial businesses on 7th / Commercial Street, a more efficient, safer, and direct route. The potential extension of 7th Street to Pine Street would allow commercial traffic to bypass the Historic Mill District creating a safer neighborhood for residents, pedestrians, and bicyclists. The FY23 programmed funding would allow for staff to work with Alliant Energy to evaluate alternatives, and if viable, prepare a feasibility study. The FY24 programmed funding would allow for the development and potential construction of a roadway through the Alliant site which would connect 7th Street to Pine Street at 9th / Kerper Blvd.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Road Use Tax, and Greater Downtown TIF.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pavement Preservation Program			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2798		TOTAL PROJECT COST \$ 95,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Services	\$ 20,984	\$ 49,016	\$ —	\$ —	\$ 8,000	\$ —
		Engineering Services	\$ 12,000	\$ —	\$ —	\$ —	\$ 5,000	\$ —
\$ —	\$ —	TOTAL	\$ 32,984	\$ 49,016	\$ —	\$ —	\$ 13,000	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 32,984	\$ 49,016	\$ —	\$ —	\$ 13,000	\$ —
\$ —	\$ —	TOTAL	\$ 32,984	\$ 49,016	\$ —	\$ —	\$ 13,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

Pavement management is the practice of planning for pavement repairs and maintenance with the goal of maximizing the value and life of a street network or parking lot network. To accomplish this, a community needs to have several repair techniques in its arsenal and the knowledge of when to apply them. This is where pavement management comes into play. Pavement management puts a focus on pavement preservation. Maintaining roadways and parking lots in fair condition has been proven to be the most cost effective approach to sustaining a pavement network. A street or parking lot starts out in excellent condition when it is newly constructed. Midway through its life, a low-cost repairs such as crack sealing and full depth patching will cost approximately a dollar a square yard. It takes only a few years for the window of opportunity to perform this low-cost maintenance to pass after which the road or lot would need an overlay costing \$15-\$18 per square yard. With a comprehensive database of existing pavement conditions, pavement management software can model when to perform specific types of repairs on a road or parking lot network. Engineering judgment is utilized to finalize any list of pavement repairs, as no computer can take into account every variable analyzed in making a repair decision. By performing timely maintenance, road and parking lot conditions can be improved today thereby extending the service life of the pavement. This project will leverage the City's existing pavement management database to allow for a study to be undertaken to evaluate the pavement condition of Dubuque's 280 miles of public streets and public parking lots. The study will result in a comprehensive report that city staff can use to prioritize maintenance and rehabilitation activities. The study will also analyze various return on investment scenarios for specific pavement repair methods and provide a simple how to guide which will show examples of deteriorated pavement conditions and the recommended corresponding pavement repair method. Additionally typical design details and installation/materials specifications showing how to properly execute the repair will be created. The City's pavement management computer system is a great springboard to help Dubuque plan its street and parking lot repair program for each year and is an excellent method of storing data records of completed repairs. This project is structured so that every two years the Pavement Preservation Program will be updated to include any new streets or parking lots, pavement management data, and pavement repair technology that becomes available and would be beneficial for the city to take advantage of.

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pavement Preservation Program	YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2798	TOTAL PROJECT COST \$ 95,000
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RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions for streets and sidewalks with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Road Use Tax Fund and Sales Tax Fund (30%).

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: North Cascade Road Reconstruction			YEAR FIRST SUBMITTED: FY 2006	TOTAL PROJECT COST	
						ACTIVITY NO: 360-2021	350-2021	\$ 1,516,440
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Property Acquisition	\$ —	\$ 100,000	\$ —	\$ —	\$ —	\$ —
\$ 2,164		Engineering Services	\$ —	\$ 210,000	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 1,187,200	\$ —	\$ —	\$ —	\$ —
\$ 17,076		Consulting Engineers	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 19,240	\$ —	TOTAL	\$ —	\$ 1,497,200	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		North Cascade Housing TIF	\$ —	\$ 625,000	\$ —	\$ —	\$ —	\$ —
		DMATS STP Funds	\$ —	\$ 872,200	\$ —	\$ —	\$ —	\$ —
\$ 2,164		Sales Tax Fund (30%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 17,076		Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 19,240	\$ —	TOTAL	\$ —	\$ 1,497,200	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of North Cascade Road between the bridge over Catfish Creek to the future intersection of North Cascade Road and the Southwest Arterial. The project will be developed into 2 phases; Phase 1 (2019) - from Catfish Creek bridge to Edval Lane; and Phase 2 (2021) - from Edval Lane to Southwest Arterial. The current 24-foot roadway will be widened to accommodate a 35-foot urban "complete street" section with 5-foot paved shoulders / bike lanes on each side. The existing curves on North Cascade Road are substandard and will be realigned to improve safety and allow for better sight distance. The project will require the purchase of right-of-way property to accommodate the new roadway width and larger curves.

With the upcoming completion of the Southwest Arterial and the location of the Interchange at North Cascade / English Mill Road, traffic volumes are expected to increase on North Cascade Road. The existing roadway is narrow, substandard in design and is inadequate to accommodate future traffic and development growth. This roadway is classified as a collector under the FHWA Street Classification. The existing 24-foot rural roadway has granular shoulders and typical rural ditch grading and drainage. This project will provide for a 35-foot wide concrete roadway with curb and gutter, with 5-foot bike lanes and grading for future sidewalks on each side of the road.

The Timber Hyrst residential subdivision is under development and will connect Creekwood Drive to North Cascade Road between Edval Lane and the Catfish Creek bridge. The development agreement for this subdivision between the City of Dubuque and North Cascade Road Developers, LLC. stipulates that the City of Dubuque will have safety related improvement completed by the end of the 2012 construction season. However, due to funding restraints and previous housing market conditions, the development of the North Cascade Road Housing TIF as a revenue source for public improvement, the developer has agreed to allow the project to be postponed. The existing sight distance along this stretch of North Cascade Road is less than desirable and the realignment of the existing curves in this area will improve safety for the motoring public.

The City is proposing to use both DMATS STBG funding and North Cascade Road Housing TIF Urban Renewal revenues generated to support funding the eligible public infrastructure, traffic capacity / safety related improvement along North Cascade Road.

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: North Cascade Road Reconstruction	YEAR FIRST SUBMITTED: FY 2006 ACTIVITY NO: 360-2021 350-2021 300-2021	TOTAL PROJECT COST \$ 1,516,440
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RELATIONSHIP TO OTHER PROJECTS

This project is related to the Southwest Arterial (US 52) project, the extension of water main to support the Westside Water System for future growth in the Southwest Arterial corridor.

OUTCOME

Connected Community: Improve traffic flow throughout the city.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Road Use Tax, North Cascade Housing TIF, and DMATS STBG Funds.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: JFK Road Resurfacing - John Wesley Dr. to Derby Grange Road			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-1255		TOTAL PROJECT COST \$ 150,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 15,000	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 135,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 150,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax 30%	\$ —	\$ 150,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 150,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would resurface JFK Road from John Wesley Drive to Derby Grange Road. The City did a watermain extension project in this area in 2017. Pavement patches were spliced along the project where the bore pits were located to install the watermain. Residents in the area have complained about the ride of the pavement due to all of the patches. This project would mill three (3") inches of asphalt off and re-surface with polymerized HMA to improve the ride and minimize future rutting.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pennsylvania Avenue and Radford Road Roundabout			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-		TOTAL PROJECT COST \$ 1,100,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 100,000	\$ —	\$ —
		Consultant	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ 950,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 1,100,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DMATS STBG Funds	\$ —	\$ —	\$ —	\$ 1,100,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 1,100,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the construction of a single lane roundabout at Radford Road and Pennsylvania Avenue. As part of the development of east-west corridor routes, this project would improve traffic flow in this area of the city. The Asbury Road corridor is becoming very congested in the morning and afternoon work commutes. This project in conjunction with a future Pennsylvania Avenue reconstruction project to Seippel Road would provide improved east-west connectivity. This project has a direct impact on the Storm Sewer fund since that is planned to be used for the storm sewer improvements on this project. This project also has a direct impact on the Street Program Related Sanitary Sewer fund since the sanitary sewer mains and lateral will be rebuilt. The watermain replacements fund will be directly impacted due to watermain replacement. Fiber optic conduits and elated improvements would be included in this project funding.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax. DMATS funding would be available for this project.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Cedar Cross Road Reconstruction			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 250-		TOTAL PROJECT COST \$ 3,300,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 200,000	\$ 100,000	\$ —
		Land and ROW	\$ —	\$ —	\$ —	\$ 400,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 2,600,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 600,000	\$ 2,700,000	\$ —
		B. PROJECT FINANCING						
		Road Use Tax fund	\$ —	\$ —	\$ —	\$ 600,000	\$ 220,000	\$ —
		DMATS	\$ —	\$ —	\$ —	\$ —	\$ 2,080,000	\$ —
		Special Assessments	\$ —	\$ —	\$ —	\$ —	\$ 400,000	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 600,000	\$ 2,700,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Cedar Cross Road with 45' wide concrete pavement, curb & gutter and sidewalks. The existing street is badly deteriorated and substandard in design. The street is very narrow and is inadequate for the amount of traffic it carries. This street is classified as a minor arterial under the FHWA Street Classification. This street currently has no curb and sidewalks. This project will provide for a 37 foot wide concrete street with integral curb and gutter and 4 foot sidewalks on each side of the street, and reconstruction of all underground utilities. Fiber optic conduit will also be installed along the project. The installation of sidewalks will fill in the gap of sidewalks on Cedar Cross Road and provide an accessible route. There currently are sidewalks on each end of the proposed project. This project has a direct impact on the Cedar Cross Road Storm Sewer fund since that is planned to be used for the storm sewer improvements on this project. This project also has a direct impact on the Street Program Related Sanitary Sewer fund since the sanitary sewer mains and lateral will be rebuilt. The watermain replacements fund will be directly impacted due to watermain replacement. This project also has a direct impact on the Fiber Optic Conduits - Paving Projects fund since fiber conduits have typically been installed on all street reconstruction projects.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Seippel Road Reconstruction			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 1,399,725
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ —	\$ —	\$ 280,000	\$ —	\$ —
		Construction	\$ —	\$ —	\$ —	\$ —	\$ 1,119,725	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 280,000	\$ 1,119,725	\$ —
		B. PROJECT FINANCING						
		DICW TIF	\$ —	\$ —	\$ —	\$ 280,000	\$ —	\$ —
		DMATS	\$ —	\$ —	\$ —	\$ —	\$ 1,119,725	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 280,000	\$ 1,119,725	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Seippel Road between Pennsylvania Avenue on the north end and the new section of Seippel to the south (approx 13310 Seippel) with a 37' wide concrete pavement. The project would also provide for curb and gutter, sidewalks and storm sewer. The existing road is a 2 lane county road rural section with insufficient shoulders. Seippel Road was recently reconstructed by the City of Asbury between Asbury Road and Pennsylvania Avenue. The section of Seippel between 13310 Seippel and Old Highway Road has been reconstructed in the last 10 years.

RELATIONSHIP TO OTHER PROJECTS

This project would have some impact on the Middle Road Reconstruction project proposed, and would affect sanitary sewer, storm sewer and water main in the area that would need to be scheduled in the same fiscal year as this project.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Dubuque Industrial Center West TIF, and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Sidewalk Inspection Program - Assessable			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 100-1108		TOTAL PROJECT COST \$ 183,343
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 3,343	\$ 30,000	Construction	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 3,343	\$ 30,000	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
\$ 3,343	\$ 30,000	Special Assessments	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 3,343	\$ 30,000	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of defective sidewalks by private contractors. City Ordinances #41-102 through #41-105 provide that a property owner be given a thirty day notice to replace a hazardous or defective sidewalk and, if they fail to do so, the City will have the repair made and the cost assessed to the property owner. In Fiscal Year 1989, the City began an inspection and reconstruction program for City sidewalks. Reconstruction is required on these walks when defective conditions are found. These funds enable the City to have the reconstruction done by contractors if the property owner does not make the corrections after proper notice and reasonable time. These costs are then placed as liens against the properties and property tax receipts are collected in the next fiscal year in the amount of the original expenditure. Past history reflects a higher construction and engineering cost and is reflected in Fiscal Years 2010-2014. Construction cost, time for completion of contracts, timing of contracts contribute to higher expenses.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility

FUNDING RESTRICTIONS

This project is restricted to Special Assessment Funds specific to this project.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Sidewalk Program - City Owned Property			YEAR FIRST SUBMITTED: FY 2012	TOTAL PROJECT COST	
						ACTIVITY NO: 300-1425 350-1425	\$ 257,862	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 41,936	\$ 90,303	Construction	\$ 20,000	\$ —	\$ 35,000	\$ 35,000	\$ 1,000	\$ 70,000
\$ 2,644	\$ 10,000	Engineering Services	\$ 5,000	\$ —	\$ 5,000	\$ 5,000	\$ 6,979	\$ 20,000
\$ 44,580	\$ 100,303	TOTAL	\$ 25,000	\$ —	\$ 40,000	\$ 40,000	\$ 7,979	\$ 90,000
		B. PROJECT FINANCING						
	\$ 49,391	Sales Tax Fund (20%)	\$ 25,000	\$ —	\$ 40,000	\$ 40,000	\$ 7,979	\$ 90,000
\$ 44,580	\$ 50,912	Sales Tax Fund (30%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 44,580	\$ 100,303	TOTAL	\$ 25,000	\$ —	\$ 40,000	\$ 40,000	\$ 7,979	\$ 90,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a multi-year program for the installation and reconstruction of public sidewalks adjacent to City-owned property and City owned infrastructures, i.e., catch basins, hydrants, signals, financial assistance. This appropriation also provides for tree and tree stump removal when trees are needed to be removed as part of the reconstruction of the sidewalks. This project may also include the installation and reconstruction of curb ramps which is required by the Americans with Disabilities Act (ADA). The reconstruction of public sidewalks is necessary for the safety of pedestrians and to keep the City's liability to a minimum. ADA requires installation of curb ramps whenever a sidewalk is repaired at an intersection and if a ramp is not currently constructed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: ADA Curb Ramp Construction Project			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 260-1236		TOTAL PROJECT COST \$ 63,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 10,600	\$ 10,600	\$ 10,600	\$ 10,600	\$ 10,600	\$ 10,600
		Engineering Services	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
\$ —	\$ —	TOTAL	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600
		B. PROJECT FINANCING						
		CDBG Grant	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600
\$ —	\$ —	TOTAL	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600	\$ 12,600

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the annual program to install accessible curb ramps at existing intersections throughout the City. this project funds the accessible curb ramps in low to moderate income area only. The Americans with Disabilities Act requires the installation of curb ramps with detectable warnings at all intersections throughout the City. This would be a multi-year program until all installations are completed in compliance with ADA requirements. The regulations require that cities begin a program for compliance with the installation of curb ramps at all intersections by January 26, 2005, and for those areas where existing pedestrian walkways cross curbs serving state and local government offices and facilities.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Road Use Tax, DRA funding, and Sales Tax (30%), Community Development Block Grant Funds.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Sidewalk Program Related to Curb and Catch Basin Replacements			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-1041	TOTAL PROJECT COST \$ 199,430	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 69,925	\$ 37,357	Construction	\$ 9,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ —	\$ 23,000
\$ 43	\$ 5,000	Engineering Services	\$ 1,000	\$ 5,000	\$ 11,328	\$ 5,777	\$ —	\$ 6,500
\$ 69,968	\$ 42,357	TOTAL	\$ 10,000	\$ 20,000	\$ 31,328	\$ 25,777	\$ —	\$ 29,500
		B. PROJECT FINANCING						
\$ 69,968	\$ 42,357	Sales Tax Fund (30%)	\$ 10,000	\$ 20,000	\$ 31,328	\$ 25,777	\$ —	\$ 29,500
\$ 69,968	\$ 42,357	TOTAL	\$ 10,000	\$ 20,000	\$ 31,328	\$ 25,777	\$ —	\$ 29,500

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacement of curbs and catch basins related to the sidewalk inspection and replacement program. Replacement of sidewalks, particularly those abutting the curb line or an intersection, frequently requires replacement of curbs and catch basins. It is anticipated in future years this program will increase with the installation of curb ramps with detectable warnings required by the Americans with Disabilities Act (ADA). Without funding for replacement of the curbs and catch basins, the program is restricted or delayed until funding can be secured. With funding earmarked for curb and catch basin replacement, the program can move forward on an established schedule. With an increase in curb and catch basin inspections at time of sidewalk inspections, additional curb and catch basins are identified for replacement, especially if the street is to be overlaid in the near future. The anticipated cost for curb and catch basin repairs has been increasing over the past few years and is anticipated to continue when the ramps needing walls, foundations, railings, and special designs are addressed.

RELATIONSHIP TO OTHER PROJECTS

This project is related to City Owned Sidewalk Replacements and needs to be scheduled in the same fiscal years as those projects. CIPs 300-1425 and 350-1425.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Crosswalk Warning Devices			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 300-2246		TOTAL PROJECT COST \$ 64,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 2,000	\$ —	\$ —	\$ 2,000	\$ 2,500
		Construction	\$ —	\$ 30,000	\$ —	\$ —	\$ 30,000	\$ 31,000
\$ —	\$ —	TOTAL	\$ —	\$ 32,000	\$ —	\$ —	\$ 32,000	\$ 33,500
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ —	\$ —	\$ —	\$ —	\$ 32,000	\$ 33,500
		Road Use Tax	\$ —	\$ 32,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 32,000	\$ —	\$ —	\$ 32,000	\$ 33,500

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide for the installation of crosswalk warning devices at one location per year. The City receives several requests each year for pedestrian crossings. These devices would alert motorists to pedestrians entering the roadway. These devices would be solar-powered LED lights which use less power than traditional bulbs. The device utilizes super-bright LED technology and a "stutter flash" that would flash at motorists 190 times in 30 seconds when activated. Results have shown that more than 90% of motorists stop when the LED stutter lights are activated by the pedestrian. When the activation button is pushed, a friendly voice explains to pedestrians how to use the crosswalk. At night the button placards are illuminated so pedestrians can see them. Upon activation, the entire area is illuminated, including where the pedestrian is standing, the pedestrian street signs, and the center of the roadway in divided highways so the motorist can clearly see the entire crossing. The system would be radio controlled and solar powered for maximum efficiency.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Stone Retaining Walls			YEAR FIRST SUBMITTED: FY 1980	TOTAL PROJECT COST	
						ACTIVITY NO: 300-1029 350-1029	\$ 901,908	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 17,462	\$ 1,000	Engineering Services	\$ —	\$ 26,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 10,000
\$ 2,185	\$ 383,111	Construction	\$ —	\$ 286,500	\$ 36,500	\$ 39,000	\$ 43,000	\$ 80,000
\$ 22,900	\$ 5,250	Consultant	\$ —	\$ 27,500	\$ 2,500	\$ —	\$ 5,000	\$ 10,000
\$ 42,547	\$ 389,361	TOTAL	\$ —	\$ 340,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 100,000
		B. PROJECT FINANCING						
\$ 42,547	\$ 304,580	Sales Tax Fund (30%)	\$ —	\$ 40,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 100,000
		Road Use Tax Fund	\$ —	\$ 9,600	\$ —	\$ —	\$ —	\$ —
		G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ 290,400	\$ —	\$ —	\$ —	\$ —
	\$ 84,781	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 42,547	\$ 389,361	TOTAL	\$ —	\$ 340,000	\$ 40,000	\$ 40,000	\$ 50,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This annual funding provides for maintenance and repair of existing retaining walls that are owned by or are the responsibility of the City of Dubuque in various locations throughout the City. This annual program will allow for maintenance, repair and reconstruction of city owned retaining walls as needed. Based on the recommendation of the City's Legal Department, there are a significant number of private property owner retaining walls which are adjacent to City right-of-way in which a mutual benefit could be established through litigation, as a result, the annual funding for retaining wall maintenance, repair and reconstruction has been increased to address this potential liable cost to the City. This annual program would provide for proactive maintenance, reconstruction and emergency repairs to city owned retaining walls. In FY 2021 the Lowell Street Retaining wall will be replaced due to failure of part of the wall. Funding request reflects this situation.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Bridge Repairs and Maintenance			YEAR FIRST SUBMITTED: FY 1980 ACTIVITY NO: 300-1258		TOTAL PROJECT COST \$ 637,570
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 3,759	\$ 15,000	Engineering Services	\$ 10,000	\$ 7,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 18,000
\$ 2,250	\$ 171,561	Construction	\$ 75,000	\$ 53,000	\$ 90,000	\$ 90,000	\$ 90,000	\$ 90,000
\$ 6,009	\$ 186,561	TOTAL	\$ 85,000	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 108,000
		B. PROJECT FINANCING						
\$ 6,009	\$ 186,561	Sales Tax Fund (30%)	\$ 85,000	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 108,000
\$ 6,009	\$ 186,561	TOTAL	\$ 85,000	\$ 60,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 108,000

PROJECT DESCRIPTION/JUSTIFICATION

The City currently has 22 structures under its jurisdiction, which include 7 culverts and 15 bridges. This annual program provides for the biannual bridge inspection (a new Federal requirement), bridge program management and periodic preventative maintenance and repairs to the various bridges throughout the City. The Bridge Repair and Maintenance program includes painting, repair of spalled areas in the concrete deck, piers, wingwalls, and barrier rail. Program funding is also used for the sealing of hairline cracks to prevent deterioration of reinforcing steel, maintain and repair expansion joints, and the repairs to armoring stone at abutments, inlet and outlet structures to prevent scour and undermining. The City's bridges are inspected every two years. The last inspection, dated August 2017, indicated the city has no structures that are classified as structurally deficient, functionally obsolete, or fracture critical, however several bridges require minor repairs. As a result of the new federal bridge inspection standards, the annual Bridge Repair and Maintenance program funding has been increased to allow for the preventative maintenance and repairs to the various bridge structures throughout the City, as needed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Lead Service Line Replacement Program			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 260-2767		TOTAL PROJECT COST \$ 250,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 150,000	Forgivable Loans (CDBG)	\$ 30,000	\$ 5,000	\$ 5,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ —	\$ 150,000	TOTAL	\$ 30,000	\$ 5,000	\$ 5,000	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
	\$ 150,000	CDBG Grant	\$ 30,000	\$ 5,000	\$ 5,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ —	\$ 150,000	TOTAL	\$ 30,000	\$ 5,000	\$ 5,000	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This project funds 3-year \$5,000 forgivable loans, 0% interest to all homeowners identified as having lead service lines that will be disturbed/cut during construction or have been identified in an existing housing grant program as needing to be replaced. This assistance is only for qualifying low-income households.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide.

FUNDING RESTRICTIONS

This program can only be funded by Community Development Block Grant, Housing TIF, Water Construction or General Funds.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Bee Branch Creek Trail: 16th to 9th			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2673		TOTAL PROJECT COST \$ 1,483,869
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 672	\$ 197	Engineering Services	\$ 60,000	\$ —	\$ 64,000	\$ —	\$ 24,000	\$ —
		Construction	\$ 537,000	\$ —	\$ 578,000	\$ —	\$ 220,000	\$ —
\$ 672	\$ 197	TOTAL	\$ 597,000	\$ —	\$ 642,000	\$ —	\$ 244,000	\$ —
		B. PROJECT FINANCING						
		State Grant	\$ 222,000	\$ —	\$ 267,000	\$ —	\$ 244,000	\$ —
		DRA Distribution	\$ —	\$ —	\$ 55,000	\$ —	\$ —	\$ —
		Federal Grant	\$ 175,000	\$ —	\$ 175,000	\$ —	\$ —	\$ —
		State REAP Grant	\$ 200,000	\$ —	\$ 200,000	\$ —	\$ —	\$ —
\$ 672	\$ 197	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 672	\$ 197	TOTAL	\$ 597,000	\$ —	\$ 697,000	\$ —	\$ 244,000	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides City funds to leverage Iowa Department of Natural Resources and/or Iowa Department of Transportation state and federal pass-through grants for trails and complete streets projects as the City implements capital projects identified as high priorities in the Tri-State Trail Plan and City's Complete Streets Policy. The focus is on three phases of the Kerper Bike Trail, an off-road, multi-use bike/hike trail that would circle the 16th Street Detention Basin. Phase 1 would connect to the Bee Branch Trail near the Sycamore Street Bridge and extend along the 16th St. Detention Basin to 12th St. Phase 1 is budgeted for FY19-20. Phase 2 would begin where Phase 1 ends on 12th St. and circle the detention basin going east to the intersection of 16th St. and Kerper Blvd. Phase 2 is budgeted for FY21-22. Phase 3 would begin where Phase 1 ends at 12th St. and then extend along 12th St. to point where a safe transition can be made to 11th St., and then would extend past the new Jule Operations & Training Center, across railroad tracks, and along 9th St. to the Intermodal Transportation Center. Phase 3 is budgeted in FY2023-2024. Competitive grant applications include a local match for trails and other bike/hike projects. This CIP provides that competitive local match. If the City is unsuccessful in achieving a grant award in a fiscal year, the City funds can be carried over for a more substantial local match.

RELATIONSHIP TO OTHER PROJECTS

This capital project is not related to other capital projects.

DEPARTMENT: 55 - Engineering / Street	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Bee Branch Creek Trail: 16th to 9th	YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2673	TOTAL PROJECT COST \$ 1,483,869
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OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-built, well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Complete Street Elements - Trails, Sidewalks and Signs			YEAR FIRST SUBMITTED: FY 2019	TOTAL PROJECT COST	
						ACTIVITY NO: 300-2430 102-2430	\$ 150,355	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 9,014		Construction	\$ —	\$ —	\$ 50,000	\$ —	\$ —	\$ 9,000
\$ 1,443	\$ 84,898	Engineering Services	\$ —	\$ —	\$ 5,000	\$ —	\$ —	\$ 1,000
\$ 10,457	\$ 84,898	TOTAL	\$ —	\$ —	\$ 55,000	\$ —	\$ —	\$ 10,000
		B. PROJECT FINANCING						
\$ 10,457	\$ 1,305	Sales Tax Fund (30%)	\$ —	\$ —	\$ 55,000	\$ —	\$ —	\$ 10,000
	\$ 83,593	Federal Grant	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 10,457	\$ 84,898	TOTAL	\$ —	\$ —	\$ 55,000	\$ —	\$ —	\$ 10,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ 3,000	\$ —	\$ —	\$ 3,000
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide for pavement markings/signs and additional sidewalk to expand Dubuque's Complete Streets. It is envisioned that this would fund bike lane markings, bike route signs, and sidewalks in areas where none exist. A planning group of staff from Engineering, Planning, Budget and Leisure Services met and propose this project as a way to track all complete street items and costs in one location. This project will have some relationship to Public Works ADA ramp program, city owned sidewalks, curb and catch basin replacements related to city owned sidewalks and the sidewalk inspection program.

RELATIONSHIP TO OTHER PROJECTS

This project does not relate to other capital projects.

OUTCOME

Connected Community: Better conditions of streets and sidewalk with eliminated obstructions and improved visibility.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Federal Building Renovation			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2016 350-1841 360-1841	TOTAL PROJECT COST \$ 1,888,618
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 6,825	\$ 17,500	Consultant Services	\$ 25,500	\$ 35,000	\$ 255,000	\$ —	\$ —	\$ —
\$ 86,114	\$ 348,100	Construction	\$ 73,000	\$ 350,000	\$ 67,000	\$ 571,734	\$ —	\$ 5,442,000
\$ 2,045	\$ 2,500	Engineering Services	\$ 4,200	\$ 6,800	\$ 7,300	\$ 30,000	\$ —	\$ —
\$ 94,984	\$ 368,100	TOTAL	\$ 102,700	\$ 391,800	\$ 329,300	\$ 601,734	\$ —	\$ 5,442,000
		B. PROJECT FINANCING						
	\$ 199,000	Greater Downtown TIF	\$ 102,700	\$ 391,800	\$ 329,300	\$ 601,734	\$ —	\$ 5,442,000
\$ 94,984	\$ 169,100	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 94,984	\$ 368,100	TOTAL	\$ 102,700	\$ 391,800	\$ 329,300	\$ 601,734	\$ —	\$ 5,442,000

PROJECT DESCRIPTION/JUSTIFICATION

In 2008 significant updates to the Historic Federal Building were completed to improve its overall condition and to ensure it remains as a historic structure anchoring downtown. Improvements to the building included: conversion of the former courtroom and two jury rooms on the second floor to the new City Council Chambers, small meeting room and remote broadcast studio for City Channel 8, the City Housing and Community Development Department moved into the completely renovated west half of the third floor, partial steel window renovation, exterior window painting, and exterior building signage. In FY 2020 the following items are budgeted for: \$22,000 to conduct an American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE) Level 1 Energy Audit, \$6,000 for the replacement of the public information kiosk in the lobby, \$28,500 for making ADA accessibility upgrades to the 3rd floor public restrooms, and \$42,000 is budgeted to paint the interior post office space per the terms of the lease agreement. In FY 2021, \$220,000 is budgeted for structural repairs to the loading dock and leaking building foundation and \$165,000 for replacement of the first floor lobby lights with replica period fixtures, main stairwell painting and lighting, and refinishing of the historic woodwork in the main lobby. In FY 2022, \$250,000 is budgeted for an ASHRAE Level 2 & 3 Energy Assessment which will build off of the results from the Level 1 energy audit. The Level 2 Assessment provides detailed survey of building systems and operations, breakdown of energy source and end use, identification of Energy Efficiency Measures (EEMs) for each energy system, range of savings & costs for the EEMs, spotlight on operational discrepancies and outline of priorities for needed upgrades. The ASHRAE Level 3 Energy Assessment allows for complex HVAC system upgrade alternative analysis, return on investment and construction cost estimating. Additional funding in FY22 is being budgeted to address known long term building operations and maintenance requirements which include \$54,500 for tuck pointing and waterproofing of the building window wells, and \$13,000 to tuck point the front steps and replace rusting hand rails and \$4,500 is budgeted for improvements to the public way finding signs for the building.

DEPARTMENT: 55 - Engineering / Miscellaneous	STATE PROGRAM: 6C - General Government	PROJECT TITLE: Federal Building Renovation	YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2016 350-1841 360-1841	TOTAL PROJECT COST \$ 1,888,618
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

Work still needed after this five year CIP includes: \$2,535,000 to complete the replacement of the building's cooling, heating and ventilation systems with a new, energy efficient, high performance systems, \$22,000 for office space renovations to vacant rooms in building to improve their ability to be rented, \$1,800,000 for restoration of the existing steel windows; \$375,000 for remaining needed updates to the fire alarm system throughout the building and a generator for emergency operations; \$230,000 is budgeted to install a new building wide security system that will include electronic locks, \$30,000 to paint and replace blinds in the second floor offices, and \$450,000 to renovate the basement spaces so they can be leased to commercial entities. The FY23 budget includes associated design and construction contingency costs for all of the previously mentioned work.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have a diverse workforce prepared for 21st century jobs in the global marketplace

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Port of Dubuque Riverfront Dock Expansion			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 1,750,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Engineering Services	\$ —	\$ 25,000	\$ 25,000	\$ —	\$ —	\$ —
		Consultant Services	\$ —	\$ 150,000	\$ 50,000	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 750,000	\$ 750,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 925,000	\$ 825,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ —	GDTIF G.O. Debt	\$ —	\$ 462,500	\$ 412,500	\$ —	\$ —	\$ —
		Private Participant	\$ —	\$ 462,500	\$ 412,500	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 925,000	\$ 825,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The proposed project is to expand the existing riverfront docking facility to accommodate large excursion boats in the Port of Dubuque. The City's proposed infrastructure plan is to construct a new pier wall landing platform near the bottom of Riverwalk Stair No. 2. A portion of Stair No. 2 will be reconstructed to connect to the new landing platform. The new landing platform will be connected to the Riverwalk by an ADA compliant ramped walkway. The excursion boats will moor against new pipe pile clusters and will access land from floating platform docks which will connect to the pier wall landing platform via ADA compliant gangway. The expanded docking facility will accommodate excursion boats 400 feet in length or greater. It is forecasted that excursion boat traffic on the Mississippi River will increase and a new docking facility will create an opportunity for significant tourism growth in Dubuque. Increased tourism will create employment in retail, dining, ground transportation, and excursions to local attractions, while other tourism-related sectors will benefit as a result.

The City has been approached by Viking River Cruise Lines to become a destination port when Viking begins to operate Mississippi River Cruises in FY 2022. Viking has offered to participate in the construction and maintenance costs of a new docking facility to accommodate their boats.

Viking advises that their first season in 2021 they would have one boat making 19 stops in Dubuque between July - October, with 385 passengers on each cruise, for a total of 7,350 passengers. In 2022, they would have two boats for a total of 38 stops and 14,700 passengers. Viking says they will keep building boats until the market says stop, with a maximum of 6 Upper Mississippi River boats. With 6 boats there would be a boat docked in Dubuque 6 days a week for 4 months which is approximately 100 days docked in Dubuque x 385 passengers = 38,500 passengers. The City will receive \$1 per passenger and the annual operating expenses includes installation and removal of the riverside dock and gangway. Travel Dubuque advises that the average daily expenditure of passengers from boats that currently dock in Dubuque is estimated at \$122 per day, or \$4,697,000 with 38,500 passengers, but they have heard estimates as high as \$500 per day, or \$19,250,000 for Viking Cruise passengers. All passengers would be provided a ticket to the National Mississippi River Museum and Aquarium.

This project implements a 2018-2020 Policy Agenda Top Priority, River Cruise Docking Facility: Direction, and a 2018-2020 Management Agenda Top Priority, Riverfront Master Plan.

DEPARTMENT: 55 - Engineering / Miscellaneous	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Port of Dubuque Riverfront Dock Expansion	YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-	TOTAL PROJECT COST \$ 1,750,000
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RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Neighborhood Related Improvements			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 260-1239		TOTAL PROJECT COST \$ 286,273
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 236,273		A. EXPENDITURE ITEMS						
		Construction	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 236,273	\$ —	TOTAL	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
		B. PROJECT FINANCING						
\$ 236,273		CDBG Grant	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 236,273	\$ —	TOTAL	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the repair of public steps and sidewalks, pavement overlays, installation of railing, and other infrastructure items in neighborhoods primarily inhabited by low and moderate income persons. The project funds will be used to provide grants to low and moderate income homeowners for 75 percent of the cost of sidewalk repair and to buy materials for Public Works Department crews to install overlays using their own equipment and manpower. Funds will also be used to install railings where needed to targeted neighborhoods. This program consolidates the former Neighborhoods Street Improvement and Neighborhood Step/Sidewalk Programs. The consolidated plan, which is prepared by the Community and Economic Development Advisory Commission with citizen input, identified neighborhood preservation as a number-one priority. Maintenance of public facilities will contribute to neighborhood preservation and improve public safety.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide

FUNDING RESTRICTIONS

This project is restricted to Community Development Block Grant Funds.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Riverfront Leasehold Improvements			YEAR FIRST SUBMITTED: ACTIVITY NO:	FY 2015 360-1053 350-1053	TOTAL PROJECT COST \$ 753,811
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 4,004		A. EXPENDITURE ITEMS						
	\$ 355,706	Consultant Services	\$ —	\$ —	\$ 65,000	\$ —	\$ —	\$ —
\$ 6,053	\$ 7,148	Construction	\$ —	\$ 297,500	\$ —	\$ —	\$ —	\$ —
		Engineering Services	\$ 4,200	\$ 4,200	\$ 10,000	\$ —	\$ —	\$ —
\$ 10,057	\$ 362,854	TOTAL	\$ 4,200	\$ 301,700	\$ 75,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 2,389	\$ 255,706	Greater Downtown TIF	\$ 4,200	\$ —	\$ 75,000	\$ —	\$ —	\$ —
\$ 7,667	\$ 106,948	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		GDTIF G.O. Debt	\$ —	\$ 301,700	\$ —	\$ —	\$ —	\$ —
\$ 10,056	\$ 362,654	TOTAL	\$ 4,200	\$ 301,700	\$ 75,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for environmental mitigation, structure demolition, appraisal and other related property improvement studies to the City's leased properties along the riverfront. City leases for several riverfront properties have recently expired, or are set to expire or be terminated by mutual agreement over the next ten years. These funds allow for the needed environmental testing and similar type studies, as well as the removal of abandoned leasehold improvements, and the clean-up of vacant city properties in preparation for redevelopment. The City also periodically facilitates commodity shipping at existing vacant sites in order to generate revenue. These temporary agreements sometimes require the removal of buildings or other out dated infrastructure in order to accommodate a particular need of the new lessee. Funding in FY21 would support the rail spur improvements along Kerper Blvd. and Commercial St and the deconstruction of the former Dodd's Terminal building foundation in the South Port. Clearing this site of the existing outdated and obsolete structure will help to prepared it for redevelopment. FY 22 would allow the city to evaluate redevelopment options for the industrial sight on 7th street along Dove Harbor, as well as a site along Kerper Blvd at the Peosta Channel. The leases on these properties will be expiring, and while industrial use is probably the highest and best use of these parcels, the city should look at the possibilities of other redevelopment, especially with the Alliant Energy power plant being decommissioned.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Retain, expand and grow local businesses, attract new businesses to provide a more diverse tax base and job opportunities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: ABC Supply Building Deconstruction			YEAR FIRST SUBMITTED: 2019 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 417,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 380,000	\$ —	\$ —	\$ —	\$ —
		Engineering Services	\$ —	\$ 12,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 417,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ 417,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 417,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for hazardous material remediation and structure deconstruction of a former City owned leased property along Highway 151 near the South Port. The Funding in FY21 would support the deconstruction of the former ABC Supply building who's lease expired in December 2018. Clearing this site of the existing outdated and obsolete structure will help to prepared it for redevelopment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Retain, expand and grow local businesses, attract new businesses to provide a more diverse tax base and job opportunities.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Port of Dubuque - Security Camera Expansion			YEAR FIRST SUBMITTED: FY 2008 ACTIVITY NO: 102-1963		TOTAL PROJECT COST \$ 40,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 20,000	Equipment	\$ —	\$ —	\$ 20,000	\$ —	\$ —	\$ —
\$ —	\$ 20,000	TOTAL	\$ —	\$ —	\$ 20,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 20,000	DRA Distribution	\$ —	\$ —	\$ 20,000	\$ —	\$ —	\$ —
\$ —	\$ 20,000	TOTAL	\$ —	\$ —	\$ 20,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This annual funding program will provide for the installation of additional security and surveillance cameras within the Port of Dubuque. The locations identified for surveillance coverage include; the northerly end of the Riverwalk, Riverwalk shade structures, the Alliant Amphitheater, the Historic Shot Tower, the Bell Street corridor and along Ice Harbor Drive. There are several public parking lots in the Port area that do not have camera coverage, they include; Grand River Center north parking lot, National Mississippi River Museum and Aquarium parking lot, Mississippi Plaza parking lot, River's Edge Plaza parking lot, Brewery parking lot and the McGraw Hill - Special Events parking lot. As camera coverage is expanded in the Port of Dubuque, additional cameras will be added to the network so that each of the Emergency Call Box locations has security and surveillance coverage. The FY2018 - 2022 program also includes video server, video software, and storage replacement. This project will expand and enhance security and surveillance coverage within the Port of Dubuque which will compliment the Riverwalk security camera system which was installed in response to the ongoing vandalism along the Port of Dubuque's Riverwalk. The expanded security and surveillance coverage will curtail vandalism and will also assist law enforcement officials with crowd control monitoring during large public events.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA Funding.

DEPARTMENT: 55 - Engineering / Miscellaneous		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Harbor Area Maintenance - Dredging			YEAR FIRST SUBMITTED: FY 1980	TOTAL PROJECT COST	
						ACTIVITY NO: 350-1466		
						300-1466	\$ 98,186	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 1,000	Engineering Services	\$ —	\$ —	\$ 1,000	\$ 1,000	\$ —	\$ —
	\$ 75,292	Construction	\$ —	\$ —	\$ 9,000	\$ 10,894	\$ —	\$ —
\$ —	\$ 76,292	TOTAL	\$ —	\$ —	\$ 10,000	\$ 11,894	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 41,292	Sales Tax Fund (20%)	\$ —	\$ —	\$ 10,000	\$ 11,894	\$ —	\$ —
	\$ 35,000	Sales Tax Fund (30%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 76,292	TOTAL	\$ —	\$ —	\$ 10,000	\$ 11,894	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This annual reoccurring budget provides for dredging harbor areas and the disposal of the spoil material to maintain adequate harbor and channel depths for the Port of Dubuque Marina and the Ice Harbor. The City had a previous contractual obligation under various riverfront-leased properties to maintain adequate harbor depths and to perform maintenance dredging operations for commercial barge and recreational navigation. However as leases are renewed or new lease agreements are approved, the maintenance dredging requirements are no longer the responsibility of the City. Beginning in Fiscal Year 2014, the City is no longer responsible for maintenance dredging at any industrial leased properties within Dove Harbor. On an annual basis, the budget allocation is evaluated and adjusted to reflect a more accurate determination of the dredging needs and the City attempts to provide sufficient funds for dredging of the City's waterfront, however the cost of dredging continues to significantly increase on a yearly basis. The temporary disposal site located along the east shoreline of the Peosta channel and adjacent to the 16th Street Bridge can hold approximately 7,500 cubic yards of dredge material. This annual reoccurring budget includes funds for annual riverfront maintenance dredging as required at boat launch ramp locations, River's Edge Plaza and along the Riverwalk lower pier wall to accommodate excursion boat mooring.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the potential flooding through flood plain management, mitigation and protection.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Light Replacement and New Installation			YEAR FIRST SUBMITTED: FY 2010	TOTAL PROJECT COST	
						ACTIVITY NO: 360-1549	260-1549	\$ 603,135
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 1,419	\$ 10,000	Engineering Services	\$ —	\$ 15,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ 5,000
\$ 26,484	\$ 64,832	Construction	\$ —	\$ 22,000	\$ 123,200	\$ 130,200	\$ 170,000	\$ 40,000
\$ 27,903	\$ 74,832	TOTAL	\$ —	\$ 37,000	\$ 138,200	\$ 145,200	\$ 180,000	\$ 45,000
		B. PROJECT FINANCING						
		GDTIF Debt	\$ —	\$ 12,000	\$ —	\$ —	\$ 150,000	\$ 5,000
\$ 19,819	\$ 3,951	Sales Tax Fund (30%)	\$ —	\$ 25,000	\$ 50,000	\$ 60,000	\$ 30,000	\$ 40,000
\$ 8,084	\$ 20,000	CDBG Grant	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 19,400	Greater Downtown TIF	\$ —	\$ —	\$ 88,200	\$ 85,200	\$ —	\$ —
	\$ 31,481	Sales Tax Fund (20%)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 27,903	\$ 74,832	TOTAL	\$ —	\$ 37,000	\$ 138,200	\$ 145,200	\$ 180,000	\$ 45,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a replacement program of the existing 30-foot white streetlights located in downtown Dubuque. Currently, there are approximately 70 white streetlights remaining. The project would replace all remaining white poles and install lighting controllers with meters. In certain cases, these would be replaced with historical streetlights. Many of the streetlights in the downtown area were installed in early 1950's. These are the white 30-foot style found along Central, Main, Iowa, Locust and Bluff Streets. Many of these streetlights utilize a direct burial style feed and unique service panel which makes it very difficult and costly to maintain. The use of LED (Light Emitting Diodes) lights saves energy and operating expenses. The City is also looking into alternative lighting technologies including LED and induction. The new downtown street lights would not only be capable of having banners displayed, but why would have brackets and automated watering connections if the city ever decided to expand the hanging flower basket program. This CIP would also fund LED replacement luminaries throughout the City. Currently when street light fixtures burn out they are replaced with matching style high pressure sodium street lights. This program would fund the use of LED replacement fixtures throughout the city. This program would promote the use of high efficiently, long life LED street lighting throughout the City of Dubuque. Current locations of interest include the Port of Dubuque Riverwalk, Bridge Lighting locations and miscellaneous subdivision locations. This project also initiates a scheduled replacement of older street lights throughout the City, and will also include the installation of new street lights when conditions warrant. Currently, the City owns approximately 2,200 street lights. In many older subdivisions the entire light fixture, base, pole and conduits need replacing. Currently there are around 60 lights in 24 locations that are in need of replacement. Average cost of reconstruction is around \$1,500 to \$2,000 each.

DEPARTMENT: 55 - Engineering / Traffic	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Light Replacement and New Installation	YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 360-1549 300-1549 260-1549	TOTAL PROJECT COST \$ 603,135
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RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%), Greater Downtown TIF, CDBG, and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Signalization Program			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 300-1011		TOTAL PROJECT COST \$ 680,180
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 35,300	\$ 15,000	Engineering Services	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
\$ 4,956	\$ 224,924	Construction	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 95,000
\$ 40,256	\$ 239,924	TOTAL	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 110,000
		B. PROJECT FINANCING						
\$ 40,256	\$ 239,924	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 110,000
\$ 40,256	\$ 239,924	TOTAL	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 110,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the improvement of existing traffic signals, replacement of signal controllers and/or the signalization of additional intersections as the need may arise. This project also covers engineering staff time related to additional signals and is combined with other programs such as Traffic Signal Intersection Reconstruction and Traffic Signal Interconnect to make a project viable. Each year appropriations are intended to fund the signalization of intersections through the City as the need may arise. New signals will be given consideration utilizing the warrants established in the Iowa Manual on Uniform Traffic Control Devices. Currently, each new signal installation can cost approximately \$225,000 and there are multiple locations under consideration.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Mastarm Retrofit			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 300-1133		TOTAL PROJECT COST \$ 579,888
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 10,831	\$ 5,000	Engineering Services	\$ 5,000	\$ 5,000	\$ 10,000	\$ 5,000	\$ 5,000	\$ —
\$ 27,303	\$ 116,754	Construction	\$ 75,000	\$ 75,000	\$ 90,000	\$ 75,000	\$ 75,000	\$ —
\$ 38,134	\$ 121,754	TOTAL	\$ 80,000	\$ 80,000	\$ 100,000	\$ 80,000	\$ 80,000	\$ —
		B. PROJECT FINANCING						
\$ 38,134	\$ 121,754	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 100,000	\$ 80,000	\$ 80,000	\$ —
\$ 38,134	\$ 121,754	TOTAL	\$ 80,000	\$ 80,000	\$ 100,000	\$ 80,000	\$ 80,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program would provide for reconstruction of intersection mastarm retrofit for key intersections in the Central Business District. White and Central Avenue contain a mix of different styles of traffic signalization. Some locations have pedestal mounted signal heads, other location have Mastarm mounted heads. The differing location of the traffic signals sometimes causes some motorists to react to the 2nd signal ahead as opposed to their nearer intersection. This program would provide for installing Mastarm mounted signals along Loras, White and Central Corridors. Intersections included: 14th at Jackson, 14th and Elm, 14th and Washington, Jackson at 22nd. This would standardize the location of the signal heads along the major arterial routes. This project has been extended out to cover increased costs. High priority locations include signals along Loras Blvd including Jackson, Washington and Elm.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Interconnect Conduit Replacement			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-1266		TOTAL PROJECT COST \$ 373,247
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 63	\$ 5,000	Engineering Services	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
\$ 84,640	\$ 32,544	Construction	\$ 35,000	\$ 35,000	\$ 55,000	\$ 66,000	\$ 35,000	\$ 60,000
\$ 84,703	\$ 37,544	TOTAL	\$ 40,000	\$ 40,000	\$ 60,000	\$ 71,000	\$ 40,000	\$ 65,000
		B. PROJECT FINANCING						
\$ 84,703	\$ 37,544	Sales Tax Fund (30%)	\$ 40,000	\$ 40,000	\$ 60,000	\$ 71,000	\$ 40,000	\$ 65,000
\$ 84,703	\$ 37,544	TOTAL	\$ 40,000	\$ 40,000	\$ 60,000	\$ 71,000	\$ 40,000	\$ 65,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for reconstruction of a portion of the underground wiring system for the traffic signal interconnect system. It will also tie in some miscellaneous intersections that were not part of the original interconnect. As part of the project, the conduit will be upsized to a multi-duct conduit system so that it could be utilized as part of the City's Fiber Optic Network. Much of the underground galvanized steel conduit and wiring is in excess of 25 years old and is in need of replacement. Currently, annual repairs are needed to maintain the traffic signal coordination system operating in the downtown area. Much of the system is corroded to the extent that new wiring cannot be pulled through the old conduit, thereby requiring several spotted areas of conduit removal and replacement each year. The majority of the new conduit would be bored under the streets and sidewalks to minimize the need for street patches. When this interconnect fails, traffic lights go out of coordination and run free. Many times the power feed is also interrupted. This fiber conduit allows for the coordination of traffic signals and will also be used to leverage private/public partnerships for broadband expansion. High priority signals to interconnect include Asbury at Carter and at Chaney and St. Ambrose; 14th at Elm and Jackson; Locust at Charter; Bryant and Mt. Loretta,

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Controller Replacement			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-1274		TOTAL PROJECT COST \$ 298,253
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 75,000	Equipment	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 41,000	\$ 45,000
\$ 2,253		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 2,253	\$ 75,000	TOTAL	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 41,000	\$ 45,000
		B. PROJECT FINANCING						
\$ 2,253	\$ 75,000	Sales Tax Fund (30%)	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 41,000	\$ 45,000
\$ 2,253	\$ 75,000	TOTAL	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 41,000	\$ 45,000

PROJECT DESCRIPTION/JUSTIFICATION

This project initiates a scheduled replacement of the older traffic signal controllers throughout the City. This project would provide for the replacement of approximately 3 of the City's 115 traffic signal controllers per year. The new controllers are needed for signal coordination and compatibility with the pre-emption program for the traffic signals being proposed by the Fire and Police Departments. All new intersections are currently compatible. The cost of a single controller is approximately \$14,000 plus \$6,000 for a battery backup system and \$6,000 for pre-emption. Recently, the cost of these cabinets have increased due to advanced technical equipment within the cabinet. This appropriation would allow for two to three replacements per year. This replacement schedule also is in keeping up with the replacement needs for the older controllers, purely from a maintenance perspective. The City is currently redesigning cabinet standards and drawing down existing stock in preparation for the new cabinet standards. Windsor at 22nd and Windsor at Rhomberg were updated in 2017. Nevada and University, Locust and Charter along with Carter and Chaney on Asbury Road will be updated in FY 2018.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Lighting and Traffic Signal Knockdown/Insurance			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 300-2252		TOTAL PROJECT COST \$ 253,392
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 6,530	\$ 78,631	Construction	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 11,745	\$ 6,486	Equipment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 18,275	\$ 85,117	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
	\$ 10,000	Insurance Reimbursements	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 18,275	\$ 75,117	Sales Tax Fund (30%)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ 18,275	\$ 85,117	TOTAL	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This fund will be used to purchase and track replacement traffic control and street lighting equipment and would be used as a depository to track insurance claims. The City of Dubuque replaces equipment that is damaged or destroyed due to accidents and weather related activities. Many of the new traffic cabinets along the major corridors may contain \$60,000 to \$75,000 of equipment. In some instances this equipment is purchased to replace equipment that was damaged due to an accident in which there is an insurance claim. Insurance reimbursements are put back into the project to fund expenditures. This makes it difficult to track cost due to accidents, and how much is spent by the City on hit and runs. Major storm events due to lightening alone can expend the budget.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Camera Installation			YEAR FIRST SUBMITTED: FY 2017	TOTAL PROJECT COST	
						ACTIVITY NO: 300-2421 360-2421	\$ 584,974	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 37,773	\$ 74,554 \$ 2,509	A. EXPENDITURE ITEMS						
		Equipment	\$ 70,000	\$ 75,000	\$ 100,775	\$ 96,887	\$ 100,000	\$ 110,000
		Engineering Services	\$ 5,000	\$ 7,476	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
\$ 37,773	\$ 77,063	TOTAL	\$ 75,000	\$ 82,476	\$ 105,775	\$ 101,887	\$ 105,000	\$ 115,000
\$ 37,773	\$ 64,554 \$ 12,509	B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 75,000	\$ 70,000	\$ 100,000	\$ 87,089	\$ 75,000	\$ 100,000
		Greater Downtown TIF	\$ —	\$ 12,476	\$ 30,775	\$ 14,798	\$ 30,000	\$ 15,000
\$ 37,773	\$ 77,063	TOTAL	\$ 75,000	\$ 82,476	\$ 130,775	\$ 101,887	\$ 105,000	\$ 115,000
\$ 37,773		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 5,256	\$ 11,826	\$ 24,090	\$ 35,040	\$ 43,800	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would fund the equipment, installation and software license for the placement of fixed cameras at \$2,500 each installed near roadways, alleys and signalized intersections throughout the City of Dubuque. Currently, the Traffic Operations Center has communication lines throughout the city along major and minor arterials, city streets and near signalized intersections. Engineering uses these cameras to remotely monitor and adjust traffic operations. Over the last few years, Engineering and Police have worked together using these cameras to aid the police in accident and crime investigations on a daily basis. These funds would also be available to replace existing cameras as they age and technology advances.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: LED Re-Lamp Schedule			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 300-1916		TOTAL PROJECT COST \$ 145,725
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 1,000	Engineering Services	\$ 1,000	\$ —	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
	\$ 26,725	Equipment	\$ 28,000	\$ —	\$ 29,000	\$ 29,000	\$ 28,000	\$ 25,000
\$ —	\$ 27,725	TOTAL	\$ 29,000	\$ —	\$ 30,000	\$ 30,000	\$ 29,000	\$ 26,000
		B. PROJECT FINANCING						
	\$ 27,725	Sales Tax Fund (30%)	\$ 29,000	\$ —	\$ 30,000	\$ 30,000	\$ 29,000	\$ 25,000
\$ —	\$ 27,725	TOTAL	\$ 29,000	\$ —	\$ 30,000	\$ 30,000	\$ 29,000	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

In 2001-2002, the city traffic signals were converted from 150 watt incandescent bulbs to 10 watt LED lamps. This conversion also included a large rebate incentive from the local power company along with drastically reduced electrical consumption. These new LED fixtures have a life-span of 5 - 7 years. This appropriation will provide for the re-lamping of approximately 1/10th of the City owned traffic signal lamps in each year. Currently the City has 115 traffic signals that with an average of about 40 lamps per intersection. Each lamp runs approximately \$70 each. New LED signal heads can be purchased with a 15 year warranty. This project will reduce maintenance problems (burnouts/failures) with traffic signals in future years. These existing LED's have lasted approximately twice their warrantied lifespan, instead of burning out they dim over time and become non-compliant with MUTCD guidelines. This Capital Improvement program will systematically replace these lamps by corridor starting with the oldest LED's.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Battery Backup			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-1229	TOTAL PROJECT COST \$ 160,942	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 60,942	Equipment	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ —	\$ 60,942	TOTAL	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
		B. PROJECT FINANCING						
	\$ 60,942	Sales Tax Fund (30%)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ —	\$ 60,942	TOTAL	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides needed traffic control at signalized intersections during times of power outages. This project will provide for the purchase and installation of battery backup systems by City traffic signal technicians in existing traffic signal controllers at various locations throughout the city. These battery backups will provide backup power to run each intersection on in full colors for up to eight hours during power outages. When power is restored, the controllers will automatically reset and go back into service. These battery backup units also serve as lighting controllers and can be placed midblock in the Central Business District to serve two intersections with one BBS. Each BBS costs between \$6,500 to \$9,500. This CIP will fund the addition of 2 to 3 BBS per year. In the City of Dubuque, there are 115 traffic controllers located at various intersections and crosswalks throughout the city. During times of power outages, crews are dispatched to the signalized intersections to place portable stop signs. Depending on when these power outages occur, the response time for crews to load stop signs and place them averages thirty minutes to one hour. The response time is even longer when outages occur at night and/or on a weekend. During this time, police officers are dispatched to direct traffic until stop signs can be placed. When major outages occur, many intersections at one time can be affected, which endanger public safety and severely interrupt both police and maintenance operations. This project allows the City of Dubuque to provide normal traffic control at intersections during power outages, with the least interruption to the driving public, police and maintenance operations.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Equitable Transportation, Technology, Infrastructure & Mobility: Improve traffic flow throughout the city.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Intersection Reconstruction			YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 300-1615		TOTAL PROJECT COST \$ 519,739
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 2,164	\$ 5,000	Engineering Services	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
\$ 125,488	\$ 40,615	Construction	\$ 60,000	\$ 40,000	\$ 77,000	\$ 77,000	\$ 67,472	\$ 80,000
\$ 127,652	\$ 45,615	TOTAL	\$ 65,000	\$ 45,000	\$ 82,000	\$ 82,000	\$ 72,472	\$ 85,000
		B. PROJECT FINANCING						
\$ 127,652	\$ 45,615	Sales Tax Fund (30%)	\$ 65,000	\$ 45,000	\$ 82,000	\$ 82,000	\$ 72,472	\$ 85,000
\$ 127,652	\$ 45,615	TOTAL	\$ 65,000	\$ 45,000	\$ 82,000	\$ 82,000	\$ 72,472	\$ 85,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of one intersection every two years. New findings have prompted the City to accelerate this program. Much of the underground galvanized steel conduit and wiring is in excess of 25 years old and is in need of replacement. Many times when repairs are needed the conduit at the intersection is corroded to the extent that new wiring cannot be pulled through; thereby requiring several spotted areas of conduit to be removed and replaced each year. Anchor bolts and bases are often times corroded or rusted off, requiring new foundations and equipment during which time the signal remains down or in an "all red" flash status. New findings this year have demonstrated a potentially urgent situation. Mastarms that were installed in the early 1980's as part of a major signalization effort are now in need of replacement. Most of these poles are the white painted signal poles in the area of White Street at 9th, Elm at 16th street, Iowa, Main at Bluff, and 9th at Bluff. These poles and transformer bases are rusting from the inside out and it was found that many of the transformer bases looked adequate from the outside but were nearly completely rusted through. Many additional intersections are in need of rebuilding. In the Fall of 2004, the City provided a temporary fix by welding new plate steel on all four corners of the transformer bases to in an attempt to extend life until replacement. New mastarm equipment is fully galvanized with many of the attached parts composed of plastic, aluminum or stainless steel which virtually eliminates this type of corrosion problem. These newly rebuilt intersections will have pre-emption and battery backups. Future high priority intersections include Loras Blvd Signals east of White Street, Charter at Locust and signals along Asbury Road; including various improvements in the 1-way to 2-way corridors.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Customer-focused City service delivery.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Surge and grounding Improvement at Signals			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 300-2420		TOTAL PROJECT COST \$ 121,558
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 15,000	\$ 14,756	\$ 29,000	\$ 10,000	\$ 10,000	\$ 15,000
\$ 1,678	\$ 41,124	Equipment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 1,678	\$ 41,124	TOTAL	\$ 15,000	\$ 14,756	\$ 29,000	\$ 10,000	\$ 10,000	\$ 15,000
		B. PROJECT FINANCING						
\$ 1,678	\$ 41,124	Sales Tax Fund (30%)	\$ 15,000	\$ 14,756	\$ 29,000	\$ 10,000	\$ 10,000	\$ 15,000
\$ 1,678	\$ 41,124	TOTAL	\$ 15,000	\$ 14,756	\$ 29,000	\$ 10,000	\$ 10,000	\$ 15,000

PROJECT DESCRIPTION/JUSTIFICATION

This project would add additional surge protection to the 116 traffic signals and miscellaneous camera systems currently operated by the City of Dubuque. Newer ITS signalized intersections are becoming more complex with advanced communications networks, battery backup systems, pre-emption equipment, cameras and high end detection equipment -- a recipe which makes these units more susceptible to lightning, surge and grounding issues. This project would fund the retrofitting of these signals with surge protection ranging from \$500 to \$2000 at each intersection (depending on the degree of equipment at each location). During the summer of 2011, twenty intersections were struck by lightning during two storm events that caused an estimated \$100,000 in damages. All newly installed intersections and camera locations will be designed with this additional surge protection to prevent a similar occurrence.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: STREETS Traffic Control Project			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 300-2763		TOTAL PROJECT COST \$ 400,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 200,000	Consultant Services	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 200,000	TOTAL	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 200,000	Sales Tax Fund (30%)	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 200,000	TOTAL	\$ 100,000	\$ 100,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will cover the City staff, engineering, and administrative costs associate with the STREETS (Smart Traffic Routing with Efficient and Effective Traffic Signals) project. This program will also be used to fund match funding required for grants associated with this project. Once STREETS is implemented and US 52 is rerouted, this program will study traffic patterns in the downtown to determine which streets may be converted into two-way streets and if any signalized intersections can be removed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Fiber Optic Network Program			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 300-1631		TOTAL PROJECT COST \$ 670,603
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 952		Engineering Services	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
\$ 94,521	\$ 125,130	Construction	\$ 75,000	\$ 75,000	\$ 85,000	\$ 95,000	\$ 95,000	\$ 100,000
\$ 95,473	\$ 125,130	TOTAL	\$ 80,000	\$ 80,000	\$ 90,000	\$ 100,000	\$ 100,000	\$ 105,000
		B. PROJECT FINANCING						
\$ 95,473	\$ 125,130	Sales Tax Fund (30%)	\$ 80,000	\$ 80,000	\$ 90,000	\$ 100,000	\$ 100,000	\$ 105,000
\$ 95,473	\$ 125,130	TOTAL	\$ 80,000	\$ 80,000	\$ 90,000	\$ 100,000	\$ 100,000	\$ 105,000

PROJECT DESCRIPTION/JUSTIFICATION

This will be an annual project that provides for the necessary fiber optics communication equipment to be installed along key corridors that will allow for the interconnection network of traffic signals via fiber optics back to the Traffic Operations Center at City Hall and the Traffic Shop located at the Municipal Service Center. This fiber allows for the coordination of traffic signals and will also be used to leverage private/public partnerships for broadband expansion. This also covers fiber used by many other city entities including Traffic and Security Cameras, Information Services, Police, and Fire. The City of Dubuque has invested heavily into the installation of fiber optics conduits throughout the City. All of the new traffic signal installations in the last three years have been installed to be fiber ready. Now there are communications standards in place and the City will be installing fiber optics and communication equipment throughout the city starting with the major traffic corridors including US 20, NW Arterial, Central Ave, White Street, Loras Blvd, Locust Connector, and US 61/151. One of the primary goals of this project is to complete a fiber optic communication loop around the City utilizing US 20, NW Arterial, and US 52 down to Central to Locust and back onto US 20. Fiber optics communications will also replace the existing Central Business District traffic 7 wire interconnect. This change-out to fiber will occur over the upcoming years. There are many older signals through town that need to be updated prior to going on this new system. These signals will be added to the system as they are updated.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: ITS Traffic Control Equipment			YEAR FIRST SUBMITTED: FY 2015	TOTAL PROJECT COST	
						ACTIVITY NO: 300-2253 250-2253	\$ 200,436	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 70,000	\$ 19,752	A. EXPENDITURE ITEMS						
		Equipment	\$ 15,000	\$ 18,684	\$ 15,000	\$ 20,000	\$ 32,000	\$ 50,000
		Engineering	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
		Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 70,000	\$ 19,752	TOTAL	\$ 17,000	\$ 20,684	\$ 17,000	\$ 22,000	\$ 34,000	\$ 52,000
\$ 49,500 \$ 20,500 \$ 70,000	\$ 19,752	B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 17,000	\$ 17,000	\$ 17,000	\$ 17,000	\$ 34,000	\$ 52,000
		Road Use Tax Fund	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		TOTAL	\$ 17,000	\$ 17,000	\$ 17,000	\$ 17,000	\$ 34,000	\$ 52,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the maintenance and expansion of the Traffic Management Center's ITS Improvements, including remote management and monitoring of the City's traffic signals along with automated vehicle counters, cameras, classifiers, and variable message boards along key city corridors. In addition, funds will be used for ITS equipment located within the Traffic Management Center located at City Hall. This fund would also be used as match money in joint projects which are suggested by the Iowa DOT. Using state-of-the-art electronics, ITS Technologies improve the efficiency of traffic control equipment, congestion, air improvement, travel improvements, citizen concerns, and green communities. Examples of these technologies include traffic counters, traffic monitoring equipment for speeds and occupancy, and variable message boards to inform the traveling public. The I-80 detour through Dubuque in the Summer of 2008 used some of the City's existing ITS technologies to aid the flow of traffic through Dubuque. Future funds will support the installation of DSRC radios and updated equipment for connected vehicle equipment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Traffic Signal Vehicle Detection Conversion			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 300-1816		TOTAL PROJECT COST \$ 301,749
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 50,000	\$ 30,000	\$ 35,000	\$ 30,000	\$ 30,000	\$ 50,000
	\$ 2,000	Engineering Services	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
\$ 74,749	\$ 40,000	Construction	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 74,749	\$ 42,000	TOTAL	\$ 52,000	\$ 32,000	\$ 37,000	\$ 32,000	\$ 32,000	\$ 52,000
		B. PROJECT FINANCING						
\$ 74,749	\$ 42,000	Sales Tax Fund (30%)	\$ 52,000	\$ 32,000	\$ 37,000	\$ 32,000	\$ 32,000	\$ 52,000
\$ 74,749	\$ 42,000	TOTAL	\$ 52,000	\$ 32,000	\$ 37,000	\$ 32,000	\$ 32,000	\$ 52,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the conversion of two signalized intersections per year to a new vehicle detection system and stop bar video cameras. Traffic signals require vehicle detection to minimize delay. Some older installations did not have vehicle detection or have faulty loop detectors (loops cut into the roadway that measure inductance to detect if a car is waiting or not). Video and wireless detection is an easy, safe alternative that we have been using throughout the City at new installations. FY 18 locations repaired include NW Arterial at Plaza, NW Arterial at JFK. Locations that currently are in need of maintenance and potential candidates include Locust at 151, Elm at 16th, Kerper at Fengler, NW Arterial at Holliday, Asbury at JFK, Asbury at Sam's South Entrance, and University at Pennsylvania. 2016 new model of equipment allows this technology to be installed at more existing locations. Two intersections, Asbury at JFK and Asbury at Sam's South Entrance, will be completed in FY 2020.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Grandview Street Light Replacement			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 300-1210		TOTAL PROJECT COST \$ 471,169
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 10,094		Engineering Services	\$ 50,000	\$ —	\$ —	\$ 5,000	\$ 5,000	\$ 5,000
\$ 91,184	\$ 160,597	Construction	\$ —	\$ —	\$ —	\$ 45,000	\$ 95,000	\$ 95,000
\$ 9,294		Equipment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 110,572	\$ 160,597	TOTAL	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 100,000	\$ 100,000
		B. PROJECT FINANCING						
\$ 110,572	\$ 160,597	Sales Tax Fund (30%)	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 16,949	\$ 100,000
		Road Use Tax Fund	\$ —	\$ —		\$ —	\$ 83,051	\$ —
\$ 110,572	\$ 160,597	TOTAL	\$ 50,000	\$ —	\$ —	\$ 50,000	\$ 100,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This CIP would fund the replacement of 60 concrete streetlights along Grandview Avenue with historic LED fixtures. The project boundaries include Grandview at Delhi to the North to Grandview at 151 to the South. Included in this project is 12,000 feet of fiber optic cable and 20 security cameras at key locations along Grandview, which will be completed with FY 2017 and FY 2018 funds. Beginning in FY 2018 the new street lights will be installed. The existing streetlights along Grandview Avenue are constructed from concrete poles. These poles require yearly maintenance and replacement due to rebar rusting from within. The Engineering department buys replacement poles, but the newer poles seem to be breaking down quicker than the older poles. This CIP would fund the replacement of these 60 poles. New conduit and lighting cabinets would also be part of this project. The concrete poles removed would be used to replace weathered poles in the older section until they are fully replaced. The Grandview Avenue corridor is a great opportunity to connect fiber optic lines between major roadways. This fiber line will tie US 61/151 into US 20 fiber optics and provide future feeds to neighborhoods along the way. This fiber will support the installation of 20 cameras along the route. This fiber will create a redundant route between US 20 and Hwy 151 and be used for private/public partnerships with broadband carriers.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: INET Fiber Replacement Build Out			YEAR FIRST SUBMITTED: FY 2020	TOTAL PROJECT COST	
						ACTIVITY NO: 250-2799 300/101 350-2799	\$ 540,876	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 80,000	\$ 80,000	\$ 100,000	\$ 125,876	\$ 50,000	\$ —
		Equipment	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 10,000	\$ —
		Engineering Services	\$ 5,000	\$ 5,000	\$ 10,000	\$ 10,000	\$ 5,000	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 125,000	\$ 150,876	\$ 65,000	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ —	\$ —	\$ 74,379	\$ 125,000	\$ 10,422	\$ —
		Sales Tax Fund (20%)	\$ —	\$ 100,000	\$ 50,621	\$ 25,786	\$ —	\$ —
		General Fund	\$ —	\$ —	\$ —	\$ —	\$ 54,578	\$ —
		Road Use Tax	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 125,000	\$ 150,786	\$ 65,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

In 2005 the City entered into a franchise agreement with Mediacom. Part of that agreement was to install “dark fiber” to 77 city, county, non-profit, schools and medical sites. Although that agreement was converted to a state of Iowa franchise in 2008, I-Net fiber optic cabling is supported through 2020 by Mediacom. At the expiration of the franchise, the city has the option to purchase the I-Net. The fiber is 15+ years old, is mostly aerial and is co-located with Mediacom residential/business fiber in termination cabinets. This makes it a less than reliable and difficult to maintain asset. Since 2016 the City of Dubuque undertook its Broadband Acceleration Initiative. The Initiative focuses on public/private collaborations and includes a comprehensive strategy to reduce the cost and time required for broadband expansions in Dubuque. Although many of the sites served originally by I-Net fiber have now been converted to city fiber, some still remain that will need connectivity for data, phones and other devices. It is recommended to leverage existing telecommunications public/private partnerships in addition to building out the city’s own fiber to insure connectivity. The locations impacted for voice/data/device connectivity are: Leisure Services/Bunker Hill, EOC (Public/Private Partnership with CS Tech), Fire Station 6 Rhomberg (+Solar Collector) (Public/Private Partnership With ImOn), Fire Station 2 JFK (+Solar Collector), Fire Station 5 Grandview (+Solar Collector), WRRRC In addition connectivity at the following sites will need connectivity to serve water meter collectors, Key West St. Joe School, Wartburg, Wahlert, Table Mound The following sites house I-Net fiber that serves as “pass through” fiber connectivity to make complete fiber runs from additional locations. Fiber will need a re-route to/from these locations: Emmaus and Loras.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Equitable Transportation, Technology, Infrastructure & Mobility: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to DRA Distribution/Gaming, Road Use Tax and Sales Tax (20%) & (30%).

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Emergency Pre-Emption Expansion and Upgrades			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-1023	TOTAL PROJECT COST \$ 51,260	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 6,260		A. EXPENDITURE ITEMS						
		Equipment	\$ 12,500	\$ —	\$ 12,500	\$ 12,500	\$ —	\$ 20,000
		Engineering Services	\$ 2,500	\$ —	\$ 2,500	\$ 2,500	\$ —	\$ 5,000
\$ 6,260	\$ —	TOTAL	\$ 15,000	\$ —	\$ 15,000	\$ 15,000	\$ —	\$ 25,000
		B. PROJECT FINANCING						
\$ 6,260		Sales Tax Fund (30%)	\$ 15,000	\$ —	\$ 15,000	\$ 15,000	\$ —	\$ 25,000
\$ 6,260	\$ —	TOTAL	\$ 15,000	\$ —	\$ 15,000	\$ 15,000	\$ —	\$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

Emergency PreEmption equipment was originally started in 2000. This system can be used by fire, ambulance and police units responding to emergencies to provide for quicker response times by removing stopped traffic due to red signals at busy intersections. It will also improve safety for the community and emergency personnel. The optical system provides the capability of placing this on other vehicles such as snow plows allowing them to hold green lights to expedite the task of snow removal, but does not allow the snowplow driver to change the light from red to green. It also has the capability of supervision so that there is a record of units using the pre-emption system. The priority can be set into this system which would allow emergency vehicles to have priority over non-emergency vehicles using the system. The City of Dubuque is currently using Optical Preemption while new GPS technologies are now more popular and minimize roadway delays by only pre-empting the direction (Straight or Left) as needed. Current optical pre-emption disrupts the opposing lane because it always brings up both the left and the through for the direction of travel. New equipment is tied to the direction on the vehicle and will not disrupt the left turn if not needed. New replacement equipment for the older optical equipment can operate both optical or GPS based communications. This CIP is for the installation of new GPS based equipment at new locations and the replacement of equipment at older intersections.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Asbury Road Signalization Reconstruction			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2800	TOTAL PROJECT COST \$ 120,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Equipment	\$ 5,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Engineering Services	\$ 65,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 120,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This CIP funds the design, construction inspection and additional fiber optics to connect the signal at Chaney Road to the existing fiber at St Ambrose Street. STP funding of \$500,000 is allocated for the reconstruction of these two intersections that will include dedicated left turn lanes with protect permissive movements on Asbury Road and will include the standard ITS and city surveillance components.

RELATIONSHIP TO OTHER PROJECTS

This project is part of the overall STREETS citywide traffic control project.

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Fiber Reel Trailer and Fiber Tools			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2801		TOTAL PROJECT COST \$ 15,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This Capital Improvement would fund the purchase of a fiber reel trailer that would be used to transport fiber optic cable and duct from our storage facility to field locations for fiber deployments. We currently do not own a trailer and have to rely on borrowing one when it is necessary to deploy fiber or duct. This would also fund a light meter and fiber inspection, cleaning tools. We do install our fiber optic cable and also trouble shoot fiber repairs throughout the city.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Fiber Optic Conduit - Miscellaneous			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 300-2144		TOTAL PROJECT COST \$ 322,902
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 1,367		A. EXPENDITURE ITEMS						
\$ 14,297	\$ 57,238	Engineering Services	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
\$ 15,664	\$ 57,238	Construction	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000	\$ 45,000
		TOTAL	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		B. PROJECT FINANCING						
\$ 15,664	\$ 57,238	Sales Tax Fund (30%)	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 50,000
\$ 15,664	\$ 57,238	TOTAL	\$ 50,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This improvement provides an annual program for installing conduit for fiber optic in miscellaneous projects throughout the community. Installation of fiber conduit into existing infrastructure typically ranges from \$25 to \$35 a linear foot when installed in a stand alone project. When combined with other projects the cost can drop to around \$10 to \$20 a linear foot. This improvement item funds the installation of fiber conduit along other unscheduled City projects and in conjunction with other private utility projects where it is convenient and at a cost savings to the community. This budget item would extend fiber optic conduit as part of the City wide effort to create a network of City owned fiber optic systems and will also aid linking adjacent projects together and can be shared with public/private partnerships. This fiber, once installed, is used by many City entities including Information Services, Fire, and Police Department. FY 2017 and FY 2018 funding will provide fiber across the cedar cross bridge.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Fiber Infrastructure Management System			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 300-2620		TOTAL PROJECT COST \$ 201,038
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 30,335	Software	\$ 30,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Equipment	\$ 10,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 253		Engineering Services	\$ 10,450	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 253	\$ 30,335	TOTAL	\$ 50,450	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000
		B. PROJECT FINANCING						
\$ 253	\$ 30,335	Sales Tax Fund (30%)	\$ 50,450	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 253	\$ 30,335	TOTAL	\$ 50,450	\$ —	\$ 100,000	\$ 10,000	\$ 10,000	\$ 10,000

PROJECT DESCRIPTION/JUSTIFICATION

This program would fund the purchase and implementation of a fiber infrastructure management program. Currently fiber infrastructure is documented on spreadsheets and drawings located in various locations throughout the city. This program will consolidate all this information into one software program with the ability to include network information that documents failover redundancy paths and VLANs within the city. This program would also be used to document and assist in the exchange of assets to grow broadband in the Dubuque area via public/private partnerships. Documentation of this information is crucial for the maintenance and operation of a fiber communications network that will be used to serve all departments along with public/private partnerships. Fiber communications is becoming a critical driver of economic growth in the city of Dubuque.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: West Locust Fiber Redundant Path			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 300-2618		TOTAL PROJECT COST \$ 180,050
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 37,132	Construction	\$ 92,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 7,824		Equipment	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 43,094		Engineering Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 50,918	\$ 37,132	TOTAL	\$ 92,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 50,918	\$ 37,132	Sales Tax Fund (30%)	\$ 92,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 50,918	\$ 37,132	TOTAL	\$ 92,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program will install fiber optic lines from Grandview and Clarke to the nearest adjacent fiber routes located at Asbury Rd. and St. Ambrose and at Grandview and Loras Blvd to establish redundant routes to the existing West Locust fiber that is scheduled to be down during a upcoming storm sewer project along West Locust and 17th Street.

RELATIONSHIP TO OTHER PROJECTS

This project is related to CIP 2642769 17th Street / West Locust Storm Sewer Rebuild.

OUTCOME

Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Downtown Urban Renewal Area Non-Profit Accessibility Assistance Program			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 360-2802	TOTAL PROJECT COST \$ 500,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
		B. PROJECT FINANCING						
		Greater Downtown TIF	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

The Non-Profit Accessibility Assistance Program is designed to help non-profit agencies that are located and provide service(s) within the Greater Downtown Urban Renewal Area in the City of Dubuque. This program assists with accessibility improvements to existing public buildings either owned or operated by the non-profit. The Non-Profit Accessibility Assistance Program is a competitive matching grant program that will fund up to \$50,000 in any one year for eligible projects and agencies. Eligible non-profits must be classified by the U.S. Internal Revenue Service under Section 501(c)(3) of the I.R.S. code and must have a minimum two-year operating history after the date of receipt of its 501(c)(3) classification. Eligible improvements include interior and exterior accessibility alterations and must comply with the most recent Department of Justice ADA Standards and Guidelines and locally adopted building codes. For organizations with annual operating budgets exceeding \$500,000, the non-profit must match the city's contribution dollar for dollar (100% of the project funding). For organizations with operating budgets less than \$500,000, the non-profit must match the city's contribution with 50 cents on the dollar (50% of the funding). Additional criteria and an application process will be developed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Diverse Businesses and Jobs with Economic Prosperity. Vibrant Community: Healthy and Safe. Livable Neighborhoods and Housing: Great Place to Live. Partnership for a Better Dubuque: Building Our Community that is Viable, Livable, and Equitable. Diverse Arts, Culture, Parks, and Recreation Experiences and Activities. Connected Community: Equitable Transportation, Technology Infrastructure, and Mobility.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA Distribution/Gaming, or TIF.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Downtown ADA Assistance			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 360-2424		TOTAL PROJECT COST \$ 155,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 10,000	\$ 10,000	Construction	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 10,000	\$ 10,000	TOTAL	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
		B. PROJECT FINANCING						
\$ 10,000	\$ 10,000	Greater Downtown TIF	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 10,000	\$ 10,000	TOTAL	\$ 15,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000

PROJECT DESCRIPTION/JUSTIFICATION

This program funds the City of Dubuque Downtown Urban Renewal District ADA Assistance Program. The program supports residents and businesses to ensure facilities in the Downtown Urban Renewal Area are fully accessible and inclusive to all persons regardless of abilities. This includes parking lots, retail and wholesale stores, restaurants, cafes, taverns, gas stations, public buildings, lodging, schools, parks, and entertainment venues. The program is designed to assist businesses with the cost of becoming ADA compliant. Qualified applicants can receive up to 50% of the cost of the project from the City of Dubuque, at a maximum amount of \$5,000 per property.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Diverse Businesses and Jobs with Economic Prosperity. Vibrant Community: Healthy and Safe. Livable Neighborhoods and Housing: Great Place to Live. Partnership for a Better Dubuque: Building Our Community that is Viable, Livable, and Equitable. Diverse Arts, Culture, Parks, and Recreation Experiences and Activities. Connected Community: Equitable Transportation, Technology Infrastructure, and Mobility.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA Distribution/Gaming, or TIF.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 6C - General Government	PROJECT TITLE: City Hall Boiler			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 350-2803		TOTAL PROJECT COST \$ 67,260
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 67,260	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 67,260	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 67,260	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 67,260	\$ —	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ (290)	\$ (290)	\$ (290)	\$ (290)	\$ (290)	\$ (290)

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace three (3) 300,000 BTU hot water heaters in City Hall with a new, more energy efficient boiler system. When at full capacity, the hot water heaters did not generate enough to heat the entire sidewalk surrounding City Hall. The 13th Street sidewalk is equipped to heat the sidewalk and melt snow and ice; however, the capacity of system has always been inadequate to do so. The 13th Street sidewalk and entrance is frequently used by the public, and the lack of heat creates a safety concern for the public and increased liability for the City in the winter months. The existing hot water heaters are nearing the end of useful life. One (1) of the three (3) hot water heaters has already been taken out of service due to required repairs which exceed the replacement value. Parts are no longer available for the make and model of existing hot water heater. The new boiler system will be sufficient to heat all surrounding sidewalks, walkways, and stairs.

RELATIONSHIP TO OTHER PROJECTS

The project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Easy, convenient access to City information and services.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 6C - General Government	PROJECT TITLE: City Hall Annex Windows			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 350-2804		TOTAL PROJECT COST \$ 48,548
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 48,548	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 48,548	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 48,548	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 48,548	\$ —	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ (425)	\$ (425)	\$ (425)	\$ (425)	\$ (425)	\$ (425)

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace deteriorated windows at City Hall Annex. The windows have been evaluated and select windows have been identified for replacement. Many of the windows to be replaced are original and showing significant signs of disrepair and inefficiency. The conditions of the windows require replacement. Some windows show signs of lead paint. New windows will be one-over-one, double hung, and sized to fit the original openings. Replacing windows will create a healthier and more comfortable environment for City Hall Annex employees and customers. The new windows will also decrease operating costs as a result of greater efficiency.

RELATIONSHIP TO OTHER PROJECTS

This project does not relate to other capital projects.

OUTCOME

Partnership for a Better Dubuque: Better access and use of City facilities.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Carriage House Roof Replacement			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 350-2805		TOTAL PROJECT COST \$ 22,475
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 22,475	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 22,475	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 22,475	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 22,475	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will replace the roof for the City of Dubuque Carriage House Facility located at 4th Street and Commercial Street. The facility is leased by the Economic Development Department to Dubuque by Carriage, which provides horse drawn carriage rides throughout downtown Dubuque. The building is used to house horses and equipment. The roof is in need of replacement. It was professionally evaluated August of 2018. The roof membrane and flashing are splitting in numerous locations. Gutters, downspouts, and metal edging are also deteriorated. The project will replace the entire roof with a new 60 millimeter rubber roof membrane and flashing, insulation where needed, and new metal edging, gutters, and downspouts.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Partnership for a Better Dubuque: Sense of community pride and commitment to the Dubuque community.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 57 - Building Service		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: ADA Compliance Consultant			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 350-2678		TOTAL PROJECT COST \$ 78,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ 30,000	\$ 48,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ 48,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ —	\$ 30,000	\$ 48,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 30,000	\$ 48,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This provides for a system-wide site access audit for accessibility in all city facilities, a program and services review, and an update of self-evaluation and transition plan. The review and update of the self-evaluation and transition plan will provide a timeline for needed improvements to ensure City of Dubuque facilities and programs are available to all. An access audit and transition plan are required components of an ADA transition plan. FY 17 work included access assessments at Flora Park, Murphy Park, Eagle Point Park, AY McDonald Park and Miller-Riverview Park, Bergfeld Recreation Area, and other high priority facilities (City Hall, City Hall Annex, Historic Federal Building). FY 21 and FY 22 will include access assessments for Alison-Hendersen Park, Comiskey Park, and other neighborhood parks; other city facilities including Bunker Hill, Five Flags, and the Grand River Center; as well as program assessment for City departments. It will also include access assessments for remaining mini-parks, facilities, program assessment for the remainder of City departments, and a review and update of personnel policies and website accessibility. This program will assist in reaching one of the City Council's priorities of equity inclusion.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Greater Downtown Urban Renewal District Incentive & Rehabilitation Program			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 360-2438	TOTAL PROJECT COST \$ 2,065,301	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 180,000	\$ 115,301	Grants/Loans	\$ 237,100	\$ 392,900	\$ 350,000	\$ 390,000	\$ 400,000	\$ —
\$ 180,000	\$ 115,301	TOTAL	\$ 237,100	\$ 392,900	\$ 350,000	\$ 390,000	\$ 400,000	\$ —
		B. PROJECT FINANCING						
\$ 180,000	\$ 115,301	Greater Downtown TIF	\$ 237,100	\$ 392,900	\$ 350,000	\$ 390,000	\$ 400,000	\$ —
\$ 180,000	\$ 115,301	TOTAL	\$ 237,100	\$ 392,900	\$ 350,000	\$ 390,000	\$ 400,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program provides grants for rehabilitation and adaptive reuse of buildings in the Greater Downtown Urban Renewal District. Tax increment proceeds are utilized to capitalize the pool of funds for these loans. The program will provide grants of up to \$10,000 for each new housing unit created in this district. These funds are eligible to be used in conjunction with the planning and design grant, financial consultant grant and façade grant programs. This pool of funds would be made available to complete financing packages for the immediate creation of market-rate downtown rental multi-residential units within the Greater Downtown Urban Renewal District. Market-rate residential units include multi-residential rental units which are not income restricted or rental units that are restricted to 80% of median income and less (units must not be restricted to 60% of median income or less, or any other restriction under 80%). The community and the downtown in particular has a substantial need of quality rental and owner occupied housing units. The inability to finance housing projects has caused companies to reconsider job creation projects within the community as they fear the lack of housing options makes recruiting a qualified workforce difficult. Additionally, the added demand for rental units in Dubuque has created pressure in the marketplace that could negatively impact those in the low-moderate income Washington Neighborhood and other adjacent neighborhoods. Potential projects identified at this time for future funds are the former Prescott school (12 units), Brewing & Malting complex (75+ units), Kalmes building (2 units), 1706 Central Avenue (10 units), and 801 Jackson building (70 units).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Greater Downtown TIF funding.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Workforce Development			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 360-1842		TOTAL PROJECT COST \$ 2,170,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 310,000	\$ 310,000	Pay to Other Agency	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ —
\$ 310,000	\$ 310,000	TOTAL	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ —
		B. PROJECT FINANCING						
\$ 310,000	\$ 310,000	DICW Land Sales/TIF	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ —
\$ 310,000	\$ 310,000	TOTAL	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ 310,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Greater Dubuque Development Corporation has embarked on the Greater Dubuque: 2022 Campaign, which will conclude in 2022. The program's objectives are to grow the population, employment opportunity, wages, and the tax base in Dubuque. This Economic Development initiative directs efforts related to business retention and expansion, new business recruitment, and workforce development. The City has committed \$185,000 for five years to this program. In addition, the City agreed to provide to the Greater Dubuque Development Corporation \$125,000, to hire a staff person dedicated exclusively to assisting local employers with workforce development, recruitment, and such other activities as may be required by local employers. In FY 2017, this payment was extended through FY 2022. It is assumed the City will continue to fund the Greater Dubuque Development Corporation's staff supporting workforce development. The current balance in the land sales account will be depleted after FY 2022. Therefore payments beyond FY 2022 will be dependent on future land sales.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have a diverse workforce prepared for 21st century jobs in the global marketplace.

FUNDING RESTRICTIONS

This project may only be funded by DICW Land Sales/TIF.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Washington Neighborhood Rehabilitation Grant Program			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 360-2436		TOTAL PROJECT COST \$ 702,334
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 22,447	\$ 179,887	Grants	\$ 50,000	\$ 120,000	\$ 70,000	\$ 60,000	\$ 200,000	\$ —
\$ 22,447	\$ 179,887	TOTAL	\$ 50,000	\$ 120,000	\$ 70,000	\$ 60,000	\$ 200,000	\$ —
		B. PROJECT FINANCING						
\$ 22,447	\$ 179,887	Greater Downtown TIF	\$ 50,000	\$ 120,000	\$ 70,000	\$ 60,000	\$ 200,000	\$ —
\$ 22,447	\$ 179,887	TOTAL	\$ 50,000	\$ 120,000	\$ 70,000	\$ 60,000	\$ 200,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Façade Grant Program provides 1:1 matching funds not to exceed \$10,000 per project for main façade renovations designed to eliminate inappropriate additions or alterations and restore the main façade to its historic appearance, or to rehabilitate the façade to include new windows, paint, signage, awnings, etc. to improve overall appearance. Landscaping or screening with fencing or retaining walls may also be allowed, especially as it may improve property adjacent to the right-of-way. The Planning and Design Grant Program provides 1:1 matching funds not to exceed \$10,000 per project to offset the actual pre-development costs incurred prior to a rehabilitation project. Reimbursement would be allowed for architectural and engineering fees, feasibility studies, environmental assessments, or other related soft costs, but not owner/developer fees incurred in the development of the project. The Financial Consultant Grant Program provides 1:1 matching funds not to exceed \$15,000 per project to offset the actual cost of hiring a financial consultant used to analyze the feasibility of the projects that generally apply for historic tax credits. The Façade Grant program receives the most inquiry and interest out of all programs provided by the Economic Development Department. This program has helped promote great successes in the redevelopment of the downtown. In order to meet the demand for this program, and maintain the historic appeal of downtown, additional funds have been requested for this program in order to partner with Main Street as it utilizes its Challenge Grant program for the redevelopment of façades.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project is restricted to Greater Downtown TIF funding.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Downtown Rehabilitation Grant Program			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 241-1942		TOTAL PROJECT COST \$ 969,383
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 309,883	\$ 309,500	Grants	\$ 100,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 50,000	\$ —
\$ 309,883	\$ 309,500	TOTAL	\$ 100,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 50,000	\$ —
		B. PROJECT FINANCING						
\$ 309,883	\$ 309,500	Greater Downtown TIF	\$ 100,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 50,000	\$ —
\$ 309,883	\$ 309,500	TOTAL	\$ 100,000	\$ 70,000	\$ 70,000	\$ 60,000	\$ 50,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program provides grant funding for the rehabilitation of commercial or multi-family property in the Greater Downtown Urban Renewal District. The Façade Grant Program provides 1:1 matching funds not to exceed \$10,000 per project for main façade renovations designed to eliminate inappropriate additions or alterations and restore the main façade to its historic appearance or to rehabilitate the façade to include new windows, paint, signage, awnings, etc. to improve overall appearance. Landscaping or screening with fencing or retaining walls may also be allowed, especially as it may improve property adjacent to the right-of-way. The Planning and Design Grant Program provides 1:1 matching funds not to exceed \$10,000 per project to offset the actual pre-development costs incurred prior to a rehabilitation project. Reimbursement would be allowed for architectural and engineering fees, feasibility studies, environmental assessments or other related soft costs, but not owner/developer fees incurred in the development of the project. The Financial Consultant Grant Program provides 1:1 matching funds not to exceed \$15,000 per project to offset the actual cost of hiring a financial consultant used to analyze the feasibility of the projects that generally apply for historic tax credits. The Downtown Rehabilitation Façade Grant program receives the most inquiry and interest out of all programs provided by the Economic Development Department. This program has helped promote great successes in the redevelopment of the downtown. In order to meet the demand for this program, and maintain the historic appeal of downtown, additional funds have been requested for this program. Potential projects identified at this time for this program are New Marine office building, Rouse & Dean Foundry Building, former Prescott school and Brewing & Malting buildings.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Greater Downtown TIF funding.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Historic Preservation Revolving Loan Fund			YEAR FIRST SUBMITTED: FY 2002 ACTIVITY NO: 265-1247		TOTAL PROJECT COST \$ 164,304
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 117,954	A. EXPENDITURE ITEMS						
		Loans	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ —
\$ —	\$ 117,954	TOTAL	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ —
		B. PROJECT FINANCING						
	\$ 117,954	UDAG Loan Repayments	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ —
\$ —	\$ 117,954	TOTAL	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ 9,270	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project creates a revolving loan fund available on a competitive basis to property owners in the Jackson Park, Cathedral, W. 11th Street, Old Main and Langworthy Historic Preservation and Conservation Districts. Low interest loans are made to support exterior rehabilitation projects that result in saving, restoring or reconstructing original building elements using original materials that reflect the architectural character or significance of the building. This program provides a valuable financial resource to property owners in the City's Historic Districts and acts as an incentive to maintain and improve the community's architectural heritage. The program creates a "carrot" to counter the "stick" of regulations in historic districts and is available to all property owners, not just low- and moderate-income owners.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project can only be funded by UDAG Loan Repayments

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Development of McFadden Properties			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 2,616,995
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 2,302,956	\$ —	\$ —	\$ —	\$ —
		Design & Engineering	\$ —	\$ 314,039	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 2,616,995	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DICW G.O. Debt	\$ —	\$ 2,616,995	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 2,616,995	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would continue construction in Dubuque Industrial Center West, including grading and road construction on the McFadden Farm. If a new company locates at this location, this project would be moved up to FY 2020. In 2015, the City acquired farmland known as the McFadden Farm. The property has been leased for agricultural purposes until it is needed for commercial/industrial growth. With more recent business expansions in the DICW, the City of Dubuque has seen unprecedented growth. The last portion of City owned land in the DICW (North Siegert Farm) was completed in 2010. In an effort to keep ahead of the need for additional land, it is necessary to begin the planning process now. Site Certification was awarded 09/29/2017 via McCallum-Sweeney and IEDA.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to DICW TIF funding only.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Downtown Rehabilitation Loan Program			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 241-1033		TOTAL PROJECT COST \$ 1,200,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 600,000	A. EXPENDITURE ITEMS						
		Loans	\$ 300,000	\$ —	\$ —	\$ —	\$ 300,000	\$ —
\$ —	\$ 600,000	TOTAL	\$ 300,000	\$ —	\$ —	\$ —	\$ 300,000	\$ —
		B. PROJECT FINANCING						
	\$ 600,000	Loan Repayments	\$ 300,000	\$ —	\$ —	\$ —	\$ 300,000	\$ —
\$ —	\$ 600,000	TOTAL	\$ 300,000	\$ —	\$ —	\$ —	\$ 300,000	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program provides low-interest loans for rehabilitation and adaptive reuse of buildings in the Greater Downtown Urban Renewal District. Tax increment proceeds and loan repayments are utilized to capitalize the pool of funds for these loans. The program has been popular, with 19 loans made since 1996, and additional loans that have yet to be disbursed, but have received commitments. Those loans and the anticipated funding date, are listed as follows: Betty Jane Block, 900 Main, \$300,000 (FY19); Walker Shoe Store, 756 Main, \$300,000 (FY20); Riverworks, 44 Main, \$300,000 (FY24); CARADCO, 900 Jackson, \$300,000 (FY26); Franklin School, 39 Bluff Street, \$300,000 (FY26); Allison Row Houses, 1132-1136 Locust \$300,000 (FY26). Due to outstanding commitments made until 2026, the City Council has suspended applications for new loans until such time as the waiting list can be reduced or eliminated.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project may only be funded through loan repayments.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Central Avenue Corridor Initiative			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 360-2679		TOTAL PROJECT COST \$ 379,447
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 99,447	A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ 240,000	\$ 40,000	\$ —	\$ —	\$ —
\$ —	\$ 99,447	TOTAL	\$ —	\$ 240,000	\$ 40,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ 240,000	\$ —	\$ —	\$ —	\$ —
	\$ 99,447	Greater Downtown TIF	\$ —	\$ —	\$ 40,000	\$ —	\$ —	\$ —
\$ —	\$ 99,447	TOTAL	\$ —	\$ 240,000	\$ 40,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program will provide targeted community engagement opportunities with residents, businesses, non-profits and city staff in the Central Ave Corridor and Washington Neighborhood to set the stage for community design processes. This phase will utilize the work and findings from past engagement and planning projects and further develop future plans with the phases detailed below. The purpose of this phase is to: (a) generate trust and begin to engage local residents and organizations [e.g. neighborhood non-profits, the Washington Neighborhood Development Corporation]; (b) help better understand local dynamics and opportunities; and (c) help provide better programming and services for the community. To complement this work already being performed by a consultant, the Economic Development Department will engage Iowa Micro-loan, a 501(c)(3) nonprofit that provides loans of \$5,000 to \$50,000 to small business entrepreneurs in Iowa if they have a workable business plan but have difficulty in accessing loans from conventional lenders. Loans are for business activities and may have up to a six year term with an interest rate currently at 8.125% APR. Since 2009, Iowa Micro-loan has approved more than 85 loans to small businesses in 29 counties and has achieved a 96 percent loan repayment rate. The Economic Development Department and its partners will assist in planning a Local Micro-finance Program in Dubuque through Iowa Micro-loan. Iowa Micro-loan can provide \$100,000 to \$200,000 in loan capacity for a sponsored local program if local sponsors provide a \$15,000 contribution toward a Loan Loss Reserve and matching funds for accessing federal agency micro-loan funds. Services from Iowa Micro-loan coaches include development of technical assistance planning for approved clients and quarterly coaching visits for clients. Iowa Micro-loan will provide an interest rate buy-down component on loans for amounts as little as \$1,000 if the loans are targeted to a specific census tract, client income level, or specific neighborhood to satisfy target population requirements. Although there would be no charges to Dubuque for Iowa Micro-loan coaching, Iowa Micro-loan will provide an additional \$15,000 in cash support for a local part-time coach to provide technical assistance and create program awareness if it is matched by local sponsors.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have strong vibrant 24/7 residential/central business core (Dubuque Main Street Service Area Downtown, Central Avenue Corridor and Dubuque Millwork District, including residential opportunities, retail and entertainment).

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA, and Greater Downtown TIF.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Central Avenue Streetscape Master Plan Implementation			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-2561		TOTAL PROJECT COST \$ 260,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ —	\$ 120,000	\$ 20,000	\$ —	\$ —	\$ —
	\$ 20,000	Business Incentives	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 20,000	TOTAL	\$ 100,000	\$ 120,000	\$ 20,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 20,000	Greater Downtown TIF	\$ 100,000	\$ 19,500	\$ 20,000	\$ —	\$ —	\$ —
		GDTIF G.O. Debt	\$ —	\$ 100,500	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 20,000	TOTAL	\$ 100,000	\$ 120,000	\$ 20,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the implementation of priority actions in the Central Avenue Streetscape Master Plan. The funds allocated would be used to support infrastructure and streetscaping priority improvements justified in the master plan. The Central Avenue corridor is part of the Washington Neighborhood Revitalization Plan and includes the area on Central Avenue between 11th and 22nd streets. Included in this strategy is the redevelopment and reinvestment in residential and commercial areas in the neighborhood. Some public infrastructure improvements have already been initiated and the Central Avenue corridor is beginning to see private investment in building improvements and business location. The implementation of public infrastructure improvements is needed to support and leverage that private investment. It is anticipated that this project may have an impact on operating costs associated with infrastructure improvements. However, it is premature to include operating expenses for specific projects at this time. This plan would coordinate future investments and align with existing strategies laid out in the Washington Neighborhood Revitalization plan and the City Council Goals and Priorities.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Create a resilient regional Dubuque economy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA, and Greater Downtown TIF.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Historic Millwork District Master Plan Update			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 360-2081		TOTAL PROJECT COST \$ 50,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consulting Services	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the update of the Historic Millwork District Master Plan that was adopted by the City Council on February 16, 2009. The adopted Historic Millwork District Master Plan offered a vision for community reconnected with surrounding neighborhoods, re-energized with housing, retail, offices, galleries, entertainment, and employment, and re-imagined as a laboratory for sustainable practices and technologies. The Plan includes green streets, new development blocks, improved connections between the Millwork District, the Port of Dubuque and Downtown, reprogrammed streets, a signature public open space, coordinated parking strategy, and a mix of uses. The update of the Historic Millwork District Master Plan will address the transportation and parking needs and uses within the Millwork District. This is a requirement of the Dupaco development agreement.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Create a resilient regional Dubuque economy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), General Fund, DRA Distribution Fund, and Greater Downtown TIF Fund.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Dubuque Industrial Center South Signs			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 80,465
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Signs	\$ —	\$ —	\$ —	\$ 80,465	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 80,465	\$ —	\$ —
		B. PROJECT FINANCING						
		DICW TIF	\$ —	\$ —	\$ —	\$ 80,465	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 80,465	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ 1,000	\$ 1,000	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

To install and maintain appropriate signs for the Dubuque Industrial Center South consistent with the current approved signage within and around the City to effectively identify the area and expansion opportunities.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded through DICW TIF.

DEPARTMENT: 60 - Economic Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Dubuque Industrial Center McFadden Signs			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-2725		TOTAL PROJECT COST \$ 50,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DICW TIF	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ —	\$ —	\$ 50,000	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ —	\$ —	\$ 1,000	\$ 1,000	\$ —
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

To install and maintain appropriate signs for the Dubuque Industrial Center consistent with the current approved signage within and around the City to effectively identify the area and expansion opportunities. Project includes additional operating costs in FY23 for annual lighting costs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded through DICW TIF.

DEPARTMENT: 53 - Transportation Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Vehicle Replacement			YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST	
						ACTIVITY NO: 600-1222 600-1224	\$ 4,700,574	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 251,159	\$ 260,000 \$ 39,041	A. EXPENDITURE ITEMS						
		Vehicle - MiniBus - Light Duty	\$ —	\$ 368,302	\$ 125,223	\$ 383,182	\$ 100,000	\$ 298,997
		Vehicle - Fixed-Route - Heavy	\$ 1,800,000	\$ 426,522	\$ 435,053	\$ —	\$ —	\$ —
		Onboard computer	\$ 88,189	\$ —	\$ —	\$ —	\$ —	\$ —
		Swipe card reader	\$ 7,453	\$ —	\$ —	\$ —	\$ —	\$ —
		Electronic farebox	\$ 399,942					
		Farebox collection vault	\$ 16,508	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 251,159	\$ 299,041	TOTAL	\$ 2,312,092	\$ 794,824	\$ 560,276	\$ 383,182	\$ 100,000	\$ 298,997
\$ 95,312 \$ 50,000 \$ 105,847	\$ 39,041	B. PROJECT FINANCING						
		General Fund	\$ —	\$ —	\$ —	\$ —	\$ 100,000	\$ —
		G.O. Debt (Sales Tax Fund 20%)	\$ 372,420	\$ 426,522	\$ 187,201	\$ —	\$ —	\$ —
		DRA Distribution	\$ —	\$ 368,302	\$ 373,075	\$ 383,182	\$ —	\$ 298,997
		FTA Grant	\$ 1,939,672	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 251,159	\$ 299,041	Sales Tax 20%	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 251,159	\$ 299,041	TOTAL	\$ 2,312,092	\$ 794,824	\$ 560,276	\$ 383,182	\$ 100,000	\$ 298,997

PROJECT DESCRIPTION/JUSTIFICATION

Vehicle reliability is essential in securing choice riders. This CIP requests funds for bus replacement and is based on a vehicle assessment score and year of eligibility for state and federal funding. Eligibility does not guarantee funding, only that vehicles are beyond an age or mileage where funding could be requested. As grant funding is unlikely because of the age of the City's fleet when compared to other Iowa cities, this CIP plans for the purchase of used vehicles using local funds over the next three years and new vehicles beginning in 2022. In a scenario where large grants become available for vehicle replacement prior to 2022, the City would be in a position to use these requested local funds as match. Maintenance costs have started to increase as the vehicles are requiring major component replacement. It is important for the City to have a funding plan for vehicle replacement that does not assume large grants will be received. Minibuses transport individuals with disabilities who are unable to utilize the fixed-route service. For ADA compliance, The Jule must provide equally reliable service. Replacing these vehicles at the end of their useful life is essential to avoiding delays in service or inoperable wheelchair lifts.

DEPARTMENT: 53 - Transportation Services	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Vehicle Replacement	YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 600-1222 600-1224	TOTAL PROJECT COST \$ 4,700,574
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

Requests in subsequent years will be made to begin replacing the light duty and medium duty buses on a rolling replacement schedule gradually to continue to sustain and maintain the integrity of the transit system. If the Jule would come up on the State bus replacement list, the CIP funds would be used for the 20% local match required by the DOT. As The Jule continues to improve and provide additional services, the quality and efficiency of its vehicles will continue to be a priority. Vehicles beyond their useful life increase maintenance costs and the likelihood of breakdowns causing interruption of service. As vehicles age, their fuel efficiency is also reduced. As new vehicle technologies develop that provide improved fuel efficiency or utilize alternative fuels, The Jule must be positioned to transition its fleet for improved air quality and greater efficiency. Vehicles are assessed annually by the Vehicle Maintenance Supervisor, Mechanic, and Serviceworker based on interior, exterior, engine, electrical, suspension, structure, lift, safety system conditions. Vehicles with lower scores will be replaced first. In FY2020 funds are requested for local match portion of the awarded FTA bus and facilities grant (to purchase 9 heavy duty buses). FY2021: replacement of 2 used heavy duty buses, units will be 19 years at replacement. FY2022: replacement of 3 used heavy duty buses, units will be 18 years at replacement. FY2026: replacement of 2 heavy duty buses, units will be 12 years at replacement. FY2027: replacement of 2 heavy duty buses, units will be 13 years at replacement. (The Heavy duty bus category has a standard useful life of 12 years). MiniBus replacement schedule: FY2021: replacement of 3 light duty buses, units will be 10 years at replacement. FY2022: replacement of 3 light duty buses, units will be 11 years at replacement. FY2023: replacement of 3 light duty buses, units will be 12 years at replacement. FY2024: replacement of 1 light duty buses, unit will be 10 years at replacement. FY2025: replacement of 2 light duty buses, units will be 4 years at replacement (The MiniBus bus category has standard useful life of 4 years).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase public transit ridership by choice.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding. The project may be eligible for state and federal grant funds.

DEPARTMENT: 53 - Transportation Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: JFK Circle Phase 2			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 600-2806		TOTAL PROJECT COST \$ 409,474
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Design & Engineering	\$ 55,804	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 329,901	\$ —	\$ —	\$ —	\$ —	\$ —
		Other	\$ 23,769	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 409,474	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Public Transit Grant	\$ 327,579	\$ —	\$ —	\$ —	\$ —	\$ —
		Sales Tax Fund (20%)	\$ 81,895	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 409,474	\$ —	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ 1,020	\$ 1,040	\$ 1,061	\$ 1,082	\$ 1,104	\$ 1,126
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This CIP requests funds for Phase 2 JFK Circle Transfer project in FY2020. The new JFK Transfer (canopy) at the Area Residential Care (ARC) facility was completed in FY2014/2015. A Public Transit Infrastructure Grant (PTIG) for the Phase II portion of the ARC Transfer Center project will be pursued during FY2019 for use in FY2020 and the required local match is requested in this CIP. Phase II funding would allow for the construction of an enclosed waiting area with public amenities. Staff will work to collaborate with ARC to establish daily and as-needed cleaning schedules. Costs for associated property maintenance, toilet paper, etc are included in the operating cost line. The project was delayed from FY2017 to FY2020 as the City sought funding from PTIG for completion of the Bus Storage Facility.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Increase public transit ridership by choice.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding. Vertical infrastructure is eligible for the Public Transit Infrastructure grant program, however, there is no guarantee that funds will be received.

DEPARTMENT: 53 - Transportation Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Bus Stop Improvements			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 600-2235		TOTAL PROJECT COST \$ 112,597
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 9,227	\$ 662	Construction	\$ —	\$ 10,612	\$ 10,824	\$ 3,967	\$ 11,262	\$ 11,487
		Equipment	\$ —	\$ 24,074	\$ 3,000	\$ 3,000	\$ 22,737	\$ 3,000
\$ 111		Engineering Services	\$ —	\$ 3,184	\$ 3,247	\$ 3,312	\$ 3,378	\$ 3,446
\$ 9,338	\$ 662	TOTAL	\$ —	\$ 37,870	\$ 17,071	\$ 10,279	\$ 37,377	\$ 17,933
		B. PROJECT FINANCING						
\$ 9,338	\$ 662	Sales Tax Fund (20%)	\$ —	\$ 20,730	\$ 17,072	\$ 10,250	\$ 19,124	\$ 17,933
		PTIG State Funding (80%)	\$ —	\$ 17,140	\$ —	\$ —	\$ 18,189	\$ —
\$ 9,338	\$ 662	TOTAL	\$ —	\$ 37,870	\$ 17,072	\$ 10,250	\$ 37,313	\$ 17,933

PROJECT DESCRIPTION/JUSTIFICATION

The Jule is in the process of evaluating all bus stops for ADA compliance and developing a plan for all stops, by route with the goal of updating 8-10 bus stops per year. Data from the ADA study being completed through Building Services Department will also be used in determining compliance and best practices for bus stops. This CIP requests funds for bus stop improvements, including ensuring that all bus stops are fully accessible, ADA compliant, and feature amenities including a paved mobility device access area, on-pole seating and solar powered, push button lighting. Bench seating is attached to the base of the pole and the lighting is attached to the top, with a push button to activate the solar lighting midway up the pole. This is a low-cost method of providing seating and lighting at bus stops at the same time of installation of the ADA features. The City receives better pricing when purchasing at least 12 bench/light units. The equipment purchases are staggered every three years to receive the benefits of purchasing 12 units. The in-between years are when those units will be installed and additional "bus stoppers" can be ordered and installed on poles for stops in areas with low light.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Continue to become an inclusive and equitable community in which all feel welcome, included, and leaving no one behind.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%), and DRA funding. Purchase of the vertical infrastructure items/equipment are eligible for the Public Transit Infrastructure grant program, however, there is no guarantee that funds will be received.

DEPARTMENT: 53 - Transportation Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Onboard Security Camera Upgrade			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 600-		TOTAL PROJECT COST \$ 112,740
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Installation Services	\$ —	\$ 34,170	\$ —	\$ —	\$ —	\$ —
		Bus Equipment - Security	\$ —	\$ 66,720	\$ —	\$ —	\$ —	\$ —
		Building Equipment - Security	\$ —	\$ 3,500	\$ —	\$ —	\$ —	\$ —
		Camera License	\$ —	\$ 8,100	\$ —	\$ —	\$ —	\$ —
		Shipping	\$ —	\$ 250	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 112,740	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		FTA Capital (1% of allocation)	\$ —	\$ 13,796	\$ —	\$ —	\$ —	\$ —
		Sales Tax Fund (20%)	\$ —	\$ 98,944	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 112,740	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This CIP request is to install updated camera systems on the Jule's buses to include drive-in download of video as vehicles enter the Jule Operations & Training Center. This request would bring the Jule's fleet onto the Milestone Recording system that all other city buildings and vehicles utilize for security camera recording. 1% of the Jule's FTA allocation must be spent on safety and security projects and this is reflected in the Project Funding.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Sales Tax Fund (20%) and DRA funding.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Port of Dubuque Ramp Major Maintenance			YEAR FIRST SUBMITTED: FY 2013 ACTIVITY NO: 730-2162		TOTAL PROJECT COST \$ 828,098
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 477,098	A. EXPENDITURE ITEMS						
		Construction	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200
\$ —	\$ 477,098	TOTAL	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200
		B. PROJECT FINANCING						
	\$ 477,098	Private Participant	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200
\$ —	\$ 477,098	TOTAL	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200	\$ 70,200

PROJECT DESCRIPTION/JUSTIFICATION

This project covers major repairs and maintenance issues for the Port of Dubuque Parking Ramp. The Diamond Jo contributes an annual amount of \$70,200 as determined by the development agreement and adjusted annually by Consumer Price Index. Prioritized projects will be identified in the CIP budget and major ramp maintenance projects will be budgeted on an as-needed basis. Although there is no impact on the operating budget, operating revenue is manufactured by an ongoing maintenance program. Maintenance and repairs extend the life of the ramps and reduce costs by repairing degraded areas prior to damage becoming serious. Major repair maintenance programs are funded on an annual basis. All expenses related to the ramp are reimbursed to the City by the Diamond Jo. The CIP balance accumulates to fund future parking maintenance projects.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Private Participant funding.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: East 12th and Elm Street Parking Lot Construction (Lot 1 Millwork Parking District)			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 360-		TOTAL PROJECT COST \$ 589,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Code Blue Phone	\$ —	\$ 24,000	\$ —	\$ —	\$ —	\$ —
		Landscaping	\$ —	\$ 25,000	\$ —	\$ —	\$ —	\$ —
		Environmental Remediation	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
		Construction	\$ —	\$ 490,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 589,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		GDTIF G.O. Debt	\$ —	\$ 589,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 589,000	\$ —	\$ —	\$ —	\$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	\$ —	\$ 1,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
		Operating Revenue	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project constructs a 73 stall parking lot at East 12th and Elm Street (Lot 1 Millwork Parking District). The parking lot design includes a code blue emergency phone, landscaping, environmental remediation and construction of the parking lot. The cost per parking stall would be approximately \$8,070 per stall for this proposed site.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Parking Fees and Greater Downtown TIF.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Locust/Iowa Street Parking Ramp Repairs and Additional Parking Possibilities			YEAR FIRST SUBMITTED: FY 2010	TOTAL PROJECT COST	
						ACTIVITY NO: 730-1671 360-1671	\$ 589,901	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Design & Engineering	\$ 25,000	\$ 15,000	\$ 10,000	\$ —	\$ —	\$ —
	\$ 95,000	Construction	\$ 225,000	\$ 135,000	\$ 74,901	\$ —	\$ —	\$ —
\$ —	\$ 105,000	TOTAL	\$ 250,000	\$ 150,000	\$ 84,901	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 105,000	Parking Construction Fund	\$ 250,000	\$ 150,000	\$ 84,901	\$ —	\$ —	\$ —
		GDTIF G.O. Debt	\$ —	\$ —	\$ —	\$ —	\$ 3,000,000	\$ 17,000,000
\$ —	\$ 105,000	TOTAL	\$ 250,000	\$ 150,000	\$ 84,901	\$ —	\$ 3,000,000	\$ 17,000,000

PROJECT DESCRIPTION/JUSTIFICATION

Recommendations based on the May 2018 structural review of the Locust/Iowa Street Parking Ramp recommended by IIW Consultants' structural evaluation. This will include concrete slab repairs, structural column repairs, joint and crack repairs, replace and repair bearing pads, complete replacement of rubberized coating top level and improved level of lighting. Some of these repairs are non-structural, but are recommended to be completed as soon as fiscally possible. Immediate attention is needed for the Locust Street Parking Ramp (830 Bluff Street) stairs - top levels are severely corroded, consultants recommend closing and replacing as soon as possible. The Locust Street Parking Ramp is reaching the end of its useful life. A FY 2024 replacement study will include sizing, design, and site selection of a new facility to be built when needed. The City will also continue to evaluate parking needs in the Downtown, Historic Millwork District, and Central Avenue Corridor.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fees.

FUNDING RESTRICTIONS

This project is restricted to Parking Fees and Greater Downtown TIF.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Parking Meter Replacement			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 730-1944 360-1944	TOTAL PROJECT COST \$ 180,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 130,000	Equipment	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 130,000	TOTAL	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 130,000	Parking Construction Fund	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 130,000	TOTAL	\$ 50,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of parking meters in the Downtown Parking Meter District. The City has approximately 1900 parking meters in service. The oldest meters are nearing 19 years old, with the bulk purchased in Fiscal Year 2000 and the remainder in Fiscal Year 2009. This will provide for ongoing replacement and upgrade. Prior to purchase of the meters, the city will evaluate smart meters, individual metered stalls with smart meters, or central pay kiosks mid-block.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Parking Fees and Greater Downtown TIF funding.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Major Maintenance on Ramps			YEAR FIRST SUBMITTED: FY 2010	TOTAL PROJECT COST	
						ACTIVITY NO: 730-1385 360-1385	\$ 322,802	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 8,840	\$ 223,962	A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Construction	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 8,840	\$ 223,962	TOTAL	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 8,840	\$ 223,962	B. PROJECT FINANCING						
		Parking Construction Fund	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 8,840	\$ 223,962	TOTAL	\$ 90,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for major repair maintenance expenditures in five of the six City-owned parking ramps. The five-year parking ramp restoration program prepared by a ramp restoration specialist was implemented in Fiscal Year 2005. The maintenance program provides for prioritized repair work for the next five years. This project will extend the years of service received from the four municipal ramps. The Locust Street ramp was constructed in 1964, the Iowa Street ramp in 1969 (with an addition in 1977), the Fifth Street ramp in 1990 (with an addition in 2000), Fourth Street ramp in 2002 and the 975 Central ramp in 2010. A structural review of the Locust and Iowa parking ramps was conducted in Fiscal Year 2004-2005. Prioritized projects will be identified in the CIP budget and major ramp maintenance projects will be budgeted on an as-needed basis. Although there is no impact on the operating budget, operating revenue is maintained by an ongoing maintenance program. Maintenance and repairs extend the life of the ramps and reduces costs by repairing degraded areas prior to damage becoming serious. Major repair maintenance programs are funded on an annual basis.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project is restricted to Parking Fees and Greater Downtown TIF funding.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Maintenance of Municipal Parking Lots			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 730-1380		TOTAL PROJECT COST \$ 105,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 5,000	Design & Engineering	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
	\$ 50,000	Construction	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 55,000	TOTAL	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 55,000	Parking Construction Fund	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 55,000	TOTAL	\$ —	\$ 50,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for maintaining the surface of 14 off-street municipal parking lots. This project also includes signage, landscaping, and screening improvements to surface lots. Lots include: Lot 2 (9th and Bluff), Lot 3 (5th and Bluff), Lot 5 (City Hall Lot), Lot 6 (Library Lot), Lot 7 (3rd and Main), Lot 10 (5th and Main), Lot 12 (4th and Central), Crescent Community Health Center Parking Lot, Lot 4 (12th and Bluff), Port of Dubuque Surface Lot, Federal Building Parking Lot, Elm Street Parking Lot, Ice Harbor Drive Parking Lot, and Lot 9 (3rd and Locust). The funding for maintenance of municipal parking lots provides for repairs and asphalt overlays on surfaces of municipal parking lots. Lot resurfacing will be scheduled as necessary and asphalt overlays will be applied, when economically feasible, to all municipal lots.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fee.

FUNDING RESTRICTIONS

This project is restricted to Parking Fees and Greater Downtown TIF Funding funding.

DEPARTMENT: 46 - Transportation Services Parking Division		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Parking Ramp Occupancy Engineering Certification			YEAR FIRST SUBMITTED: FY 2000 ACTIVITY NO: 730-2046		TOTAL PROJECT COST \$ 86,435
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 59,935	A. EXPENDITURE ITEMS						
		Design & Engineering	\$ —	\$ 26,500	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 59,935	TOTAL	\$ —	\$ 26,500	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
	\$ 59,935	Parking Construction Fund	\$ —	\$ 26,500	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 59,935	TOTAL	\$ —	\$ 26,500	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a certified engineering inspection of each parking ramp every five years on a rotating basis. This will provide a necessary inspection of each of the ramps to assure the structural integrity of each facility and also provide a high level of safety for staff and customers of the ramps. Throughout the parking industry, it is quickly becoming the recommended standard that parking ramps/garages be inspected on a regular basis (3-5 years) to recognize any defects or substandard conditions that may compromise the safety of employees or customers. This inspection is especially recommended in areas experiencing extreme weather conditions, as we do in this area.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Service value for taxes and fee.

FUNDING RESTRICTIONS

This project is restricted to the Parking Construction Fund.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Assistance for Homeownership			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 360-1595 101-1595	TOTAL PROJECT COST \$5,023,399	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
\$ 40,361	\$ 3,047 \$ 350,846 \$ 157,523 \$ 87,500	A. EXPENDITURE ITEMS						
		Loans	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Property Maintenance	\$ 7,782	\$ 6,252	\$ 7,782	\$ 7,782	\$ 7,782	\$ 7,782
		Construction	\$ —	\$ 264,000	\$ 365,813	\$ 412,000	\$ 918,882	\$ 1,118,572
		Property Acquisition	\$ 180,956	\$ 209,233	\$ 330,000	\$ 485,108	\$ 538,000	\$ 538,000
\$ 10,000	\$ 87,500	Grants	\$ 87,500	\$ 87,000	\$ 113,000	\$ 145,250	\$ 200,000	\$ 200,000
\$ 50,361	\$ 598,916	TOTAL	\$ 276,238	\$ 566,485	\$ 816,595	\$ 1,050,140	\$ 1,664,664	\$ 1,864,354
\$ 10,000	\$ 428,983 \$ 8,500 \$ 100,000 \$ 61,433	B. PROJECT FINANCING						
		Housing TIF	\$ 174,238	\$ 408,485	\$ 610,595	\$ 779,940	\$ 1,294,464	\$ 1,494,154
		Loan Repayments	\$ 2,000	\$ 3,000	\$ 6,000	\$ 10,200	\$ 10,200	\$ 10,200
		Sales Proceeds	\$ 100,000	\$ 155,000	\$ 200,000	\$ 260,000	\$ 360,000	\$ 360,000
		Greater Downtown TIF	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 50,361	\$ 598,916	TOTAL	\$ 276,238	\$ 566,485	\$ 816,595	\$ 1,050,140	\$ 1,664,664	\$ 1,864,354

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and home-ownership. Under the umbrella of C.H.A.N.G.E., this initiative provides funding towards the City's strategy of revitalization for the downtown neighborhoods and centers on increasing home-ownership. The City administers a number of programs of federal- and state-provided financial assistance for low-moderate income households (earning less than 80% of area median income) to achieve this. This Program also provides for acquisition activities where the City may purchase abandoned, derelict buildings and houses; or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities or other housing to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwellings are resold to responsible owners and City dollars are returned to the revolving fund. The program offers loans up to \$25,000 for down payments and closing costs and approximately \$30,000 to subsidize rehabilitation.

DEPARTMENT: 61 - Housing & Community Development	STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Assistance for Homeownership	YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 360-1595 101-1595	TOTAL PROJECT COST \$5,023,399
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PROJECT DESCRIPTION/JUSTIFICATION (Continued)

This Program is offered to households above and below 80% of median income, as an incentive to purchase and improve homeowner properties in sections of Census Tracts 1 and 5 as part of the Washington Neighborhood revitalization strategy. The loan repayment funds can be used for over 80% median. The other sources of funds can be used anywhere within the City of Dubuque limits. Consideration will be given to increasing the amounts for purchase of rental properties converted to owner occupied. Beginning in 2008, selective purchases have been made. Certain properties are targeted to be voluntarily acquired, for reason of poor maintenance and the inability or refusal of the owner to make improvements. These are then resold to qualifying owner-occupied households committed to restoration of the home. This Program can help to expand the Four Mounds HEART program partnership. This CIP will also significantly enhance GHFI. This is a ten year TIF which requires 38.1% of the income generated to be used for Low and Moderate Income residents any where in the City of Dubuque. The percentage to Low and Moderate Income residents can be higher than the required 38.1%. In FY 2020 the percentage is 69.37%; FY 2021 is 73.14%; and FY 2022 is 55.38%. All other years are 38.1%. This Housing TIF revenue can be used for City initiatives other than Homeownership Grants in Targeted Neighborhoods & Purchase/ Rehab/Resale and can be used outside the Greater Downtown TIF Urban Renewal area.

RELATIONSHIP TO OTHER PROJECTS

This project supports the True North Neighborhood Reinvestment Partnership capital improvement project.

OUTCOME

Livable Neighborhoods and Housing: Increase the availability of affordable housing throughout the city, not in concentrated areas of poverty and low income housing.

FUNDING RESTRICTIONS

This project may only be funded by Housing TIF and General Fund loan repayments.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Lead Based Paint Hazard Control			YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 275-2429		TOTAL PROJECT COST \$3,409,162
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 622,770	\$ 494,656	Loans - LBPHC	\$ 400,000	\$ 600,000	\$ 600,000	\$ —	\$ —	\$ —
\$ 116,656	\$ 25,080	Grants - LBPHC	\$ 150,000	\$ 200,000	\$ 200,000	\$ —	\$ —	\$ —
\$ 739,426	\$ 519,736	TOTAL	\$ 550,000	\$ 800,000	\$ 800,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 636,567	\$ 512,261	HUD Lead Grant	\$ 542,500	\$ 785,000	\$ 785,000	\$ —	\$ —	\$ —
\$ 102,859	\$ 7,475	Private Participant	\$ 7,500	\$ 15,000	\$ 15,000	\$ —	\$ —	\$ —
\$ 739,426	\$ 519,736	TOTAL	\$ 550,000	\$ 800,000	\$ 800,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and home ownership. Under the umbrella of C.H.A.N.G.E., the Lead Based Paint Hazard Control (LBPHC) Program provides financial assistance to low-and-moderate-income homeowners and rental property owners to eliminate lead-based paint hazards in their properties. The program is specifically targeted to assist families with children under the age of 6. The Program also includes a component to provide additional financial assistance to re-mediate select identified health and safety deficiencies. The Lead Based Paint Hazard Control Program had been funded through HUD grants received in national competition from 1997 to 2018, totaling \$16 million. The Lead Hazard Control Program was awarded \$2.9 million for lead hazard reduction and \$581,000 for health and safety repairs and remediation's from HUD in FY 2019. The grant performance period is anticipated to be March 2019 through September 2022. In this performance period 120 units will receive an average of \$14,000 to be made lead safe. Owners are required to contribute a small portion of the funding to the project as part of the match for the grant. This Program partners with the Health Services Department, the VNA, and numerous agencies through the Green & Healthy Homes Initiative. This has resulted in the Dubuque's blood lead poisoning occurrence in young children being reduced by nearly 70%. Beginning in FY 2011, Dubuque was selected as one of 16 cities nationally to participate in the Green and Healthy Homes Initiative (GHHI). The partnership has been expanded to include the Community Foundation of Greater Dubuque and Operation New View's Weatherization Program. This collaborative approach to home interventions includes the Lead Hazard Control, Healthy Homes, Rehab and Housing Inspection activities at the Housing Department. It is designed to achieve efficiency and lower costs of operations, reduce interruptions and inconveniences for the property residents and improve health and behavioral outcomes for the occupants.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Lead Paint Abatement Program, CIP 260-1232

DEPARTMENT: 61 - Housing & Community Development	STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Lead Based Paint Hazard Control	YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 275-2429	TOTAL PROJECT COST \$3,409,162
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OUTCOME

Livable Neighborhoods and Housing: Have strong vibrant 24/7 residential/central business core (Dubuque Main Street Service Area Downtown, Central Avenue Corridor and Dubuque Millwork District, including residential opportunities, retail and entertainment).

FUNDING RESTRICTIONS

This project is currently only funded by the federal Housing and Urban Development Department Lead Grant. This project may only be funded by the federal Housing & Urban Development Department.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: True North Neighborhood Reinvestment Partnership			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 360-2766		TOTAL PROJECT COST \$1,500,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 300,000	A. EXPENDITURE ITEMS						
		Construction	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ —	\$ —
\$ —	\$ 300,000	TOTAL	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ —	\$ —
	\$ 300,000	B. PROJECT FINANCING						
		Housing TIF	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ —	\$ —
\$ —	\$ 300,000	TOTAL	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to achieve the goal of promoting a broader income mix of downtown homeowners. This Program also provides for acquisition activities where True North Development Corporation may purchase abandoned, derelict buildings and houses to accomplish the goals. Certain improvements will be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved and dwellings are resold to responsible owners. Certain properties are targeted to be voluntarily acquired, for reason of poor maintenance and the inability or refusal of the owner to make improvements. These are then rehabilitated and resold to qualifying owner-occupied households. This is a ten year TIF which state law requires a minimum of 38.1% of the income generated to be used for Low and Moderate Income residents any where in the City of Dubuque. The percentage benefiting Low and Moderate Income residents can be higher than the required 38.1%. In FY 2019 the percentage is 51.1%. It is anticipated that True North Development Corporation will acquire, renovate and sell for long-term home ownership 50 residential properties over the next 5-7 years with an estimated \$30,000 construction subsidy per property. The City would ensure True North Development Corporation that they would not experience a loss upon sale of the property and through the Assistance for Home Ownership CIP the City would provide \$25,000 in down payment assistance to qualified buyers of the rehabilitated property from Assistance for Homeownership. True North Development Corporation would be seeking private financing and state and federal grants to eliminate the need in the future to generate project losses.

RELATIONSHIP TO OTHER PROJECTS

This project is related to Assistance for Home Ownership and the Homeowner Rehab Program.

DEPARTMENT: 61 - Housing & Community Development	STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: True North Neighborhood Reinvestment Partnership	YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 360-2766	TOTAL PROJECT COST \$1,500,000
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OUTCOME

Livable Neighborhoods and Housing: Increase the availability of affordable housing throughout the city, not in concentrated areas of poverty and low income housing.

FUNDING RESTRICTIONS

This project may only be funded by Housing TIF.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2005		TOTAL PROJECT COST
61 - Housing & Community Development		5C - Community & Economic Development	Washington Neighborhood Home Purchase Program			ACTIVITY NO: 268-1021		\$ 2,015,371
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 206,688	\$ 573,856	Loans	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283
\$ 70,412	\$ 20,000	Loans (Repayments)	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ 38,000	\$ 50,000	Loans (GDTIF match)	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 315,100	\$ 643,856	TOTAL	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283
		B. PROJECT FINANCING						
\$ 164,497	\$ 573,856	IFA Trust	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283	\$ 141,283
\$ 70,412	\$ 20,000	IFA Trust Loan Repayments	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ 38,000	\$ 50,000	Greater Downtown TIF	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 42,191		Sale of Assets	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 315,100	\$ 643,856	TOTAL	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283	\$ 211,283

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of C.H.A.N.G.E., the Washington Neighborhood Home Purchase program supports and encourages homeownership in the Washington Neighborhood. The program operates under the oversight of the Housing Trust Fund Committee and is capitalized by annual grants received from the Iowa Finance Authority (IFA). IFA requires a match for the program and the City provides IFA Trust Match of \$50,000 from the Greater Downtown TIF (GDTIF). The primary purpose is to complement housing assistance provided through the CDBG program by providing loans to low-to-mod income homeowners and buyers in the Washington Neighborhood and for households earning less than 30% MI are eligible to purchase any property within the City limits. Homebuyer purchase loans are offered on a sliding scale. Households earning less 30% MI are eligible for \$25,000; less than 50% MI are eligible for \$20,000; less than 80% MI are eligible for \$15,000. All loans will be 0% interest and have a monthly payment of \$60 per month until paid in full or it is no longer their principal place of residence. Homeowners may be eligible for up to \$25,000 for rehabilitation of their property. All loans will be made at 0% interest and repayments will depend on gross income of the household.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have strong vibrant 24/7 residential/central business core (Dubuque Main Street Service Area Downtown, Central Avenue Corridor and Dubuque Millwork District, including residential opportunities, retail and entertainment).

FUNDING RESTRICTIONS

This project may only be funded by Iowa Finance Authority Trust Fund, Greater Downtown TIF, Housing TIF, or General Funds

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Homeowner Rehabilitation Program			YEAR FIRST SUBMITTED: FY1978 ACTIVITY NO: 260-1065 270-1065		TOTAL PROJECT COST \$ 1,698,694
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Loans (CDBG-Homeowner)	\$ 45,000	\$ 100,000	\$ 145,000	\$ 150,000	\$ 150,000	\$ 150,000
\$ 201,050	\$ 152,461	Loans (CDBG-Home Repair)	\$ 30,000	\$ 25,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 57,019	\$ 403,164	Loans (RRP Repayments)	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 258,069	\$ 555,625	TOTAL	\$ 105,000	\$ 155,000	\$ 205,000	\$ 210,000	\$ 210,000	\$ 210,000
		B. PROJECT FINANCING						
\$ 201,050	\$ 403,164	RRP Repayments	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
\$ 57,019	\$ 152,461	CDBG Grant	\$ 75,000	\$ 125,000	\$ 175,000	\$ 180,000	\$ 180,000	\$ 180,000
\$ 258,069	\$ 555,625	TOTAL	\$ 105,000	\$ 155,000	\$ 205,000	\$ 210,000	\$ 210,000	\$ 210,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of C.H.A.N.G.E., the Homeowner Rehabilitation Program provides Community Development Block Grant (CDBG) funding for loans to owner-occupied single family or duplex properties for comprehensive rehabilitation of their homes, including the Homeowner Rehabilitation Loan Program, Home Repair Program and the Accessibility Program. The Homeowner Rehabilitation Loan Program provides loans up to \$25,000, at 0% interest. For households below 30% median income loans will be deferred until sale of property; households below 50% median income loans will be \$40/mo. repayment and households below 80% median income \$60/mo. repayment. Loans may be made for greater amounts if approved on a case-by-case basis by the Community Development Advisory Commission. The Home Repair Program provides \$5,000, 0% interest loans for repairs to the home exterior and critical interior repairs. For households below 30% median income loans will be a 3-year forgivable loan; households below 50% median income will be deferred until sale of property and households below 80% median income \$40/mo. repayment. The Accessibility Program will offer \$5,000 0% interest, 3-year forgivable loans for accessibility/ADA upgrades for physical accessibility or such improvements in order to make mobility safer and keep homeowners in their homes. These programs are City-wide and are partnered, whenever possible, with other programs and departments such as Engineering Dept (sidewalk and sewer programs) Water Dept (broken water/lead lines) Lead Program, Bee Branch Resiliency Program and Operation New View Weatherization Program in order to make all repairs cost effective for the homeowner. This program has been in operation since 1978. The total portfolio of all housing lending programs is now 531 loans with a current balance of \$5.6 million.

DEPARTMENT: 61 - Housing & Community Development	STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Homeowner Rehabilitation Program	YEAR FIRST SUBMITTED: FY1978 ACTIVITY NO: 260-1065 270-1065	TOTAL PROJECT COST \$ 1,698,694
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RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the availability of affordable housing throughout the city, not in concentrated areas of poverty and low income housing.

FUNDING RESTRICTIONS

This project may only be funded by Community Development Block Grant, Housing TIF, or General Funds.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Purchase/Rehab/Resale			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 260-1231		TOTAL PROJECT COST \$ 1,196,338
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 40,000	Construction	\$ 60,000	\$ 105,000	\$ 155,000	\$ 160,000	\$ 160,000	\$ 160,000
\$ 178,816	\$ 237,522	Property Acquisition	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000
\$ 178,816	\$ 277,522	TOTAL	\$ 80,000	\$ 125,000	\$ 175,000	\$ 180,000	\$ 180,000	\$ 180,000
		B. PROJECT FINANCING						
\$ 178,816	\$ 277,522	CDBG Grant	\$ —	\$ 45,000	\$ 95,000	\$ 100,000	\$ 100,000	\$ 100,000
		Sale Proceeds	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000
\$ 178,816	\$ 277,522	TOTAL	\$ 80,000	\$ 125,000	\$ 175,000	\$ 180,000	\$ 180,000	\$ 180,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and home ownership. Under the umbrella of C.H.A.N.G.E., this project provides for funding activities related to neighborhood revitalization and housing improvements. Under acquisition activities, the City may purchase abandoned, derelict properties, or it may purchase housing subject to mortgage foreclosure actions in order to secure City funds previously loaned as part of rehabilitation activities. Improvements may be made to the properties in order to make them marketable for resale. In this manner, neighborhood conditions are improved, dwelling are resold to income-eligible households and City dollars are returned to the revolving loan fund. The Housing & Community Development Department's Homeowner Rehabilitation Program provides homeownership opportunities for low- and moderate-income households. The City strives to provide affordable home ownership opportunities throughout the City of Dubuque. The residential rehabilitation loan programs are a major element of the City's neighborhood revitalization efforts, which also include the rental dwelling rehabilitation programs, purchase and resale of dilapidated properties and home purchase assistance loans, all administered through the Housing Department. This program increases sustainability and homeownership throughout the City.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have more equitable residential developments and homes with a variety of housing options and price points.

FUNDING RESTRICTIONS

This project may only be funded by CDBG Entitlement and sale proceeds.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Lead Paint Abatement Program Grant Match			YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 260-1232		TOTAL PROJECT COST \$ 396,610
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 102,913	\$ 47,199	Grants	\$ 40,000	\$ 104,166	\$ 102,332	\$ —	\$ —	\$ —
\$ 102,913	\$ 47,199	TOTAL	\$ 40,000	\$ 104,166	\$ 102,332	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 102,913	\$ 47,199	CDBG Grant	\$ 40,000	\$ 104,166	\$ 102,332	\$ —	\$ —	\$ —
\$ 102,913	\$ 47,199	TOTAL	\$ 40,000	\$ 104,166	\$ 102,332	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and home ownership. Under the umbrella of C.H.A.N.G.E., the Lead Based Paint Hazard Control (LBPHC) Program provides financial assistance to low-and-moderate-income homeowners and rental property owners to eliminate lead-based paint hazards in their properties. The program is specifically targeted to assist families with children under the age of 6. The Program also includes a component to provide additional financial assistance to re-mediate select identified health and safety deficiencies. The Lead Based Paint Hazard Control Program had been funded through HUD grants received in national competition from 1997 to 2018, totaling \$16 million. The Lead Hazard Control Program was awarded \$2.9 million for lead hazard reduction and \$581,000 for health and safety repairs and remediation's from HUD in FY 2019. The grant performance period is anticipated to be March 2019 through September 2022. In this performance period 120 units will receive an average of \$14,000 to be made lead safe. Owners are required to contribute a small portion of the funding to the project as part of the match for the grant. This Program partners with the Health Services Department, the VNA, and numerous agencies through the Green & Healthy Homes Initiative. This has resulted in the Dubuque's blood lead poisoning occurrence in young children being reduced by nearly 70%. Beginning in FY 2011, Dubuque was selected as one of 16 cities nationally to participate in the Green and Healthy Homes Initiative (GHHI). The partnership has been expanded to include the Community Foundation of Greater Dubuque and Operation New View's Weatherization Program. This collaborative approach to home interventions includes the Lead Hazard Control, Healthy Homes, Rehab and Housing Inspection activities at the Housing Department. It is designed to achieve efficiency and lower costs of operations, reduce interruptions and inconveniences for the property residents and improve health and behavioral outcomes for the occupants. This Capital Improvement Project provides the local match required for the Lead & Healthy Homes grant.

RELATIONSHIP TO OTHER PROJECTS

This project is the match for the Lead Based Paint Hazard Control Program. CIP 275-2429

DEPARTMENT: 61 - Housing & Community Development	STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Lead Paint Abatement Program Grant Match	YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 260-1232	TOTAL PROJECT COST \$ 396,610
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OUTCOME

Livable Neighborhoods and Housing: Have strong vibrant 24/7 residential/central business core (Dubuque Main Street Service Area Downtown, Central Avenue Corridor and Dubuque Millwork District, including residential opportunities, retail and entertainment).

FUNDING RESTRICTIONS

This project may only be funded by CDBG Grant.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: First-Time Home Buyer Program			YEAR FIRST SUBMITTED: FY 1999 ACTIVITY NO: 260-1234		TOTAL PROJECT COST \$ 345,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 45,000	\$ 80,000	Loans	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 45,000	\$ 80,000	TOTAL	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		B. PROJECT FINANCING						
\$ 45,000	\$ 80,000	CDBG Grant	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ 45,000	\$ 80,000	TOTAL	\$ 20,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of C.H.A.N.G.E., this City-wide project provides loans to income-qualifying homebuyers for down payment and/or closing costs. Assistance is offered as \$5,000, interest-free loans. Buyers make principal-only payments, deferred payments loans for five years for below 30% median income; \$40 per month for below 50% median income for three years, then increase to \$60 for the remaining five years; or \$60 per month for 51-80% median income. The HOME Workshop is a requirement for all participants. In FY 2018, loan repayments were \$73,344.03.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the availability of affordable housing throughout the city, not in concentrated areas of poverty and low income housing.

FUNDING RESTRICTIONS

This program may only be funded with Community Development Block Grant or General Funds.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Rental Dwelling Rehabilitation Programs			YEAR FIRST SUBMITTED: FY 2004 ACTIVITY NO: 260-1233		TOTAL PROJECT COST \$ 894,490
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 449,490	Loans	\$ 245,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ —	\$ 449,490	TOTAL	\$ 245,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
		B. PROJECT FINANCING						
	\$ 449,490	CDBG Grant	\$ 245,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
\$ —	\$ 449,490	TOTAL	\$ 245,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and home-ownership. Under the umbrella of C.H.A.N.G.E., this project provides for Community Development Block Grants (CDBG) funding to programs that are used as rehabilitation loans to owners of rental properties. This includes the Moderate-Income Rental Rehabilitation, Emergency Code Enforcement Loan, and Accessibility Rehab programs. The Moderate-Income Rehab Program, initially funded in Fiscal Year 1995, is designed to promote mixed-income tenants in rental properties. Owners receiving these loans are not required to exclusively rent units to Section 8 Program families. The Emergency Loan Program is designed to serve as a last resort alternative to posting and vacating rental properties. In these cases, when failure of a building system renders the units uninhabitable - and the owner is otherwise unwilling or unable to make comprehensive repairs - a loan may be made to correct only the deficiency. While this does not result in the more desirable complete rehabilitation of the structure, it does prevent the costly and time-consuming alternative of relocating the tenants to other housing. The entire building is inspected and must be code compliant. The Accessibility Rehab Program provides rehabilitation assistance to disabled tenants seeking to modify rental units to accommodate them. Although tenants have this right under federal fair housing laws, owners have no obligation to provide the funds. This program provides a 3-year forgivable loan up to \$5,000, to owners, on behalf of the qualifying tenants. The rental dwelling rehabilitation loan programs are an element of the City's neighborhood revitalization efforts, which also include the homeowner rehabilitation programs, purchase and resale of dilapidated properties, and home purchase assistance loans, all administered through the Housing Department.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have more equitable residential developments and homes with a variety of housing options and price points.

FUNDING RESTRICTIONS

This program may only be funded through the Community Development Block Grant and General Funds.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Historic Preservation Housing Forgivable Loan Program			YEAR FIRST SUBMITTED: FY 2010 ACTIVITY NO: 260-1237		TOTAL PROJECT COST \$ 60,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 5,000	\$ 15,000	Loans	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 5,000	\$ 15,000	TOTAL	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
		B. PROJECT FINANCING						
\$ 5,000	\$ 15,000	CDBG Grant	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ 5,000	\$ 15,000	TOTAL	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of C.H.A.N.G.E., the Community Development Block Grant (CDBG) funding provides loans to owner-occupied single family or duplex properties for comprehensive rehabilitation of their homes, including the Homeowner Rehabilitation Loan Program, Home Repair Program, the new Accessibility Program and Historic Preservation Housing Forgivable Loan Program. The Historic Preservation Housing Forgivable Loan Program provides up to \$5,000 as a forgivable loan; fully forgiven after 5 years for exterior repairs only. Households have to be income-eligible (below 80% median income) and the property has to be located in any local historic district or City-designated Landmark. This Program is also available to Non-Profit organizations providing residential facilities to income-qualifying tenants.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the availability of affordable housing throughout the city, not in concentrated areas of poverty and low income housing.

FUNDING RESTRICTIONS

This project can be funded by Community Development Block Grant and General Funds.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: HUD National Disaster Resiliency Competition			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 264-2690		TOTAL PROJECT COST \$ 15,119,514
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 1,508,717	\$ 8,363,612	Construction	\$ 2,718,000	\$ 674,000	\$ —	\$ —	\$ —	\$ —
\$ 320,534		Consultant Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 1,534,651		Engineering Services	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 3,363,902	\$ 8,363,612	TOTAL	\$ 2,718,000	\$ 674,000	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 3,363,902	\$ 8,363,612	HUD NDRC Grant	\$ 2,718,000	\$ 674,000	\$ —	\$ —	\$ —	\$ —
\$ 3,363,902	\$ 8,363,612	TOTAL	\$ 2,718,000	\$ 674,000	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or C.H.A.N.G.E. Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and home ownership. Under the umbrella of C.H.A.N.G.E., this project provides for funding activities related to the U.S. Department of Housing and Urban Development (HUD) awarding the City of Dubuque \$8.4 million to assist residents in the Bee Branch Watershed to repair flood damage and make housing more resistant to future flooding. The project will provide flood-related resiliency improvements to 277 housing units over the next 4 years. The National Disaster Resiliency Grant Bee Branch Healthy Homes Program coordinates with the First Time Home Buyer Program, Lead Based Paint Hazard Control Program, Homeownership Rehabilitation Program, and the Washington Neighborhood Home Purchase and Rehabilitation programs. The City of Dubuque partnered with the State of Iowa to apply for federal funds through the National Disaster Resilience Competition (NDRC). This nearly \$1 billion competition invited communities that have experienced natural disasters in 2011, 2012, or 2013 to compete for funds to help them rebuild and increase their resilience to future disasters. This project is a significant contributor to Dubuque's effort to create a viable and equitable community.

RELATIONSHIP TO OTHER PROJECTS

This project needs is related to the Bee Branch Creek Restoration Project, 17th Street Storm Sewer Improvements, and 22nd Street Storm Sewer Improvements (340-1645, 340-2690, 720-2690).

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide.

FUNDING RESTRICTIONS

This project may only be funded through the National Disaster Resiliency (NDR).

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Washington Neighborhood Housing Initiative			YEAR FIRST SUBMITTED: FY 2013 ACTIVITY NO: 360-2573		TOTAL PROJECT COST \$ 465,756
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 59,244	\$ 190,756	Construction	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 65,756		Pay to Other Agency	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 125,000	\$ 190,756	TOTAL	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
\$ 125,000	\$ 190,756	Greater Downtown TIF	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ 125,000	\$ 190,756	TOTAL	\$ 150,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for the Neighborhood Growth and Enrichment , or C.H.A.N.G.E. Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. C.H.A.N.G.E. is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of C.H.A.N.G.E., this housing initiative for the Washington Neighborhood is a partnership between Community Housing Initiatives, Inc. (CHI) and the City of Dubuque to increase the rate of home ownership and achieve a greater diversity of mixed household incomes. Forty (40) single family homes will be acquired and rehabilitated and resold over a four year period. Impact will be maximized by clustering acquisitions of homes. The fund was capitalized initially with \$800,000 from CHI and \$500,000 from the City in order to acquire 21 properties. This program complements the rehabilitation activities of the Housing Department in the Washington Neighborhood to repair and rehabilitate existing neglected houses. Homeownership programs are a major element of the City's neighborhood revitalization efforts.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Have more equitable residential developments and homes with a variety of housing options and price points.

FUNDING RESTRICTIONS

This project may only be funded by Greater Downtown TIF, Community Development Block Grant, Housing TIF or General Funds.

DEPARTMENT: 62 - Planning Services		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Trail Planning			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-2768	TOTAL PROJECT COST \$ 30,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
	\$ 10,000	Consultant Services	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ —	\$ 10,000	TOTAL	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
		B. PROJECT FINANCING						
	\$ 10,000	DRA Distribution	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
\$ —	\$ 10,000	TOTAL	\$ —	\$ —	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides annual funding for trail planning to retain a consultant to prepare preliminary plans, engineering cost estimates, and conceptual designs for the Planning Services Department to successfully apply for competitive state and federal grants for multi-use bicycle/pedestrian trails and other recreational trails, such as mountain biking. The 2017 Comprehensive Plan, "Imagine Dubuque 2037: A Call to Action", includes recommendations for trails in the Land Use Chapter. This project also would coordinate with implementation of the Dubuque Metropolitan Area Transportation Study (DMATS) 2045 Long Range Transportation Plan's existing and future regional bicycle/pedestrian plans. The City's current bike/hike network has been created almost exclusively through federal and state grants for trails and related transportation enhancements such as trailheads with parking. To compete for these grants, the City must have sufficient planning documentation meeting the application requirements.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have well-built, well-maintained and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 62 - Planning Services		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Historic Preservation Technical Assistance Program			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 102-2431		TOTAL PROJECT COST \$ 40,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 5,000	A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 5,000	\$ 15,000
\$ —	\$ 5,000	TOTAL	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 5,000	\$ 15,000
		B. PROJECT FINANCING						
		State Grant	\$ —	\$ —	\$ 10,000	\$ —	\$ —	\$ 10,000
	\$ 5,000	DRA Distribution	\$ —	\$ —	\$ 5,000	\$ 15,000	\$ 5,000	\$ 5,000
\$ —	\$ 5,000	TOTAL	\$ —	\$ —	\$ 15,000	\$ 15,000	\$ 5,000	\$ 15,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a phased program of historic and architectural surveys of Dubuque's older neighborhoods to identify cultural resources for planning and program implementation as well as neighborhood revitalization and sustainability. This project also supports registrations through nomination and listing of local historic districts, sites, and properties to the National Register of Historic Places, which facilitates access to historic tax credits and other preservation funding sources. This project can also assist with historic structure reports or surveys to facilitate rehab and adaptive reuse. City funds would be used to leverage state grants where feasible; state grants are highly competitive and can extend project timeline. This project helps to maintain status as a Certified Local Government (CLG) with the State of Iowa. The CLG program requires that historic and architectural surveys and registrations be conducted on a periodic basis. Between 2000 and 2005, nearly 5,000 structures in Dubuque's historic districts, conservation districts, and conservation planning areas were surveyed. These surveys and registrations assist Planning Services staff with conducting mandated Section 106 reviews of potential impacts to cultural resources for federally-funded housing rehab and other City projects. CLG status allows the City to conduct these reviews in-house, which streamlines project review. These surveys and registrations also assist with federal and state tax credit applications and disaster assistance. This project implements the Historic Preservation Commission's annual work plan, a key component of the City's Historic Preservation Program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Livable Neighborhoods and Housing: Increase the visual appeal and beauty of the city with attractive gateways, corridors, neighborhoods, homes and businesses.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA Distribution/Gaming, and State grants.

DEPARTMENT: 72-City Manager's Office Public Information Office		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Aerial Orthophotography and LiDAR Data Collection			FIRST YEAR SUBMITTED ACTIVITY NO: 102-1070	FY 2011	TOTAL PROJECT COST \$268,500
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
	\$ 160,500	A. EXPENDITURE ITEMS						
		Consultant Services	\$ —	\$ 7,500	\$ —	\$ 7,500	\$ —	\$ 7,500
		Control and Monumentation	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		Aerial Photography	\$ —	\$ 45,000	\$ —	\$ 48,000	\$ —	\$ 50,000
		LiDAR Data/1' Contours	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
		QA/QC	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ 160,500	TOTAL	\$ —	\$ 52,500	\$ —	\$ 55,500	\$ —	\$ 57,500
		B. PROJECT FINANCING						
	\$ 160,500	DRA Distribution	\$ —	\$ 52,500	\$ —	\$ 55,500	\$ —	\$ 57,500
\$ —	\$ 160,500	TOTAL	\$ —	\$ 52,500	\$ —	\$ 55,500	\$ —	\$ 57,500

PROJECT DESCRIPTION/JUSTIFICATION

Initial funding for this project, including consultant services, control and monumentation, aerial photography, LiDAR data, and quality control/assurance for this project was provided in FY19, and will be completed in Spring 2019 as weather permits. For future improvements to this project, money has been requested on a biennial basis to update photography and to procure a consultant to manage those projects. The updated photography continually assists the City and partnering agencies in project and economic development, public safety, and requirements of the FAA for the electronic airport layout plan (eALP).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Have the infrastructure and amenities to support economic development and growth: industrial/business parks, streets and utilities, air service and housing.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 72 - City Manager's Office		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Municipal & Community Green House Gas Inventory			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 101-2682		TOTAL PROJECT COST \$150,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Service Contract	\$ 100,000	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ 50,000	\$ —	\$ —
		B. PROJECT FINANCING						
		General Fund	\$ 100,000	\$ —	\$ —	\$ 50,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ 50,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funding for the City to hire a consultant to update the community's greenhouse gas inventory and community climate action plan. The community inventory was first completed in 2011, and best practices indicate it should be updated every three years. The updated inventory will track progress towards the 50% by 2030 Community Climate Action & Resiliency Plan approved by City Council in 2013. The contract would request a consultant to work closely with City departments to collect data regarding building energy use, fleet operations, and other GHG-emitting municipal sources. The contract would also request a consultant to work with the City and other community partners to update the community's GHG inventory and ensure complete final documentation to comply with the City's national commitments, including the Compact of Mayors. In 2015, Mayor Buol signed on to the Compact of Mayors, which commits Dubuque to developing a GHG mitigation and climate adaptation plan within three years. Part of this requirement is reporting municipal and community data via an internationally-recognized reporting protocol such as the Carbon Disclosure Project. Lastly, the hired consultant would work with a community-based steering committee to update the community climate action plan, which should be updated on a regular basis.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the community's carbon footprint (50% by 2030).

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 72 - City Manager's Office		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Downtown Urban Renewal Area Non-Profit Weatherization Improvements Assistance			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 360-2807	TOTAL PROJECT COST \$500,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Construction	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
		B. PROJECT FINANCING						
		Greater Downtown TIF	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
\$ —	\$ —	TOTAL	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funding for matching grants to assist non-profits in the Greater Downtown TIF area to make energy efficiency improvements to their buildings, including weatherization measures, HVAC system upgrades, alternative energy sources, , and other work to decrease their utility bills. This reduction in annual operating costs will allow non-profits to invest more funds in achieving their organization's mission. Energy efficiency improvements not only result in financial savings to the organization but will also help to meet the 50% by 2030 Community Climate Action & Resiliency Plan goals approved by City Council in 2013. The program builds on the success of the Energy Efficiency Revolving Loan Fund (EELF) that is currently available to private businesses, which was created using funds the City received from the 2009 American Recovery & Reinvestment Act, and the Grants to Green program, a Community Foundation of Greater Dubuque program which invested over \$1.2 million in energy efficiency projects for non-profits. Ongoing community conversations have demonstrated a continued need to fill the gap between available utility rebates and the amount non-profits are able to pay for energy efficiency improvements. Similar to the existing EELF, non-profits may be able use funds for renewable energy installation, if all reasonable efficiency improvements have been made, in order to further reduce their utility costs and reduce their negative environmental impact. Additional criteria and an application will be developed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Reduce the community's carbon footprint (50% by 2030).

FUNDING RESTRICTIONS

This project may only be funded by Greater Downtown TIF.

DEPARTMENT: 74 - Finance		STATE PROGRAM: 6C - General Government	PROJECT TITLE: General Ledger Software			YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 350-1025	TOTAL PROJECT COST \$1,000,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Software	\$ —	\$ 250,000	\$ 750,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 250,000	\$ 750,000	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		G.O. Debt (Sales Tax Fund 20%)	\$ —	\$ 250,000	\$ 750,000	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 250,000	\$ 750,000	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a major upgrade to the financial and utility billing software systems. The City has used the FinancePlus and CommunityPlus products since the early 1990s. Finance is looking for a more robust budgeting module; automated streamline workflows for the purchasing, accounts payable, human resources, and payroll modules; and easier integration of data between other City databases such as Socrata (open expenses/budget) and GIS. FinancePlus and Community Plus are products of CentralSquare Technology, that in September 2018 purchased them from Superion, Inc. (a division of Vista Equity Partners). Superion purchased the products from FIS in December 2016. FIS, a financial software company, had just acquired the products from SunGard Public Sector in April 2015. The support provided by the software customer service team has suffered considerably with each sale. Although promises have been made by Superion's upper management, there has been no noticeable improvement. Governments have specific reporting requirements. Government financials follow GASB pronouncements, while other public businesses and not for profits follow FASB pronouncements. The City would evaluate other governmental software products such to compare cost and features. The anticipated expense includes forming a dedicated team of staff which includes both programmers and users to analyze and evaluate products available; identify associated hardware and/or auxiliary equipment needed; assist with the programming and testing associated with a major software conversion; and assist with the implementation, training, and maintenance of the software. The cost of the product purchase and licensing, installation and testing, and implementation and maintenance would cover multiple fiscal years.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 74 - Finance		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Finance Remodel			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 100-2811		TOTAL PROJECT COST \$100,000
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Remodel	\$ 85,000	\$ —	\$ —	\$ —	\$ —	\$ —
		Assessment	\$ 15,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		General Fund	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 100,000	\$ —	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project remodels the Finance and Utility Billing Departments' work space and adds office space for Budget personnel. The remodeling and reconfiguration of the existing workstations will provide privacy areas for customers to conduct business and will provide a buffer between staff conversation and the public. The current office layout is not conducive to an efficient workflow, communication between customers and staff, nor delivery of customer service and it does not provide for employee safety. The current layout also makes it difficult for citizens and vendors to access the Finance Department which is especially problematic for vendors with questions on insurance and/or bidding. The redesign will move utility billing and parking customer traffic out of the hallway and into the utility billing area. An ADA-compliant counter will accept all payments for utility billing, miscellaneous billing, and parking payments, instead of three separate windows. Customers requiring assistance with initiating or terminating service, questions on their account, or payment arrangements will be directed to a private, ADA-compliant customer service cubicle. Customers are currently not afforded any privacy when conducting business in the hallway and sensitive matters such as payment arrangements and conversations regarding private information occur in the open and unsecured area. Customers can be intimidated by this environment and sometimes the hostility level rises because of the uncomfortable and open environment. Additionally, by aligning work stations based on staff who perform similar functions or providing coverage for one another, the result will improve workflow and communication between the various Finance functions of purchasing, accounts payable, treasury, and payroll. The current office concept does not allow collaborating staff to easily identify if co-workers are at their desks, which could cause problems when answering or transferring customer calls. The redesign will also incorporate safety features that protect Utility Billing staff, including multiple exits in case of an emergency. This project will require the services of an architect to work within the existing space to determine the most efficient layout.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: City-Wide Computer and Printer Replacements			YEAR FIRST SUBMITTED: ACTIVITY NO: 720, 710, 670 730, 810, 940 740-1069		TOTAL PROJECT COST \$441,496
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 5,019	\$ 3,450	Computer Tablets	\$ 10,550	\$ 3,050	\$ 3,050	\$ 10,550	\$ 2,100	\$ —
\$ 8,991	\$ 116,150	Computers	\$ 85,387	\$ 16,075	\$ 7,000	\$ 41,037	\$ 85,387	\$ —
		Printers/Scanners/Plotter	\$ 600	\$ 600	\$ 600	\$ 600	\$ —	\$ —
		Servers	\$ —	\$ 10,000	\$ 30,500	\$ 800	\$ —	\$ —
\$ 14,010	\$ 119,600	TOTAL	\$ 96,537	\$ 29,725	\$ 41,150	\$ 52,987	\$ 87,487	\$ —
		B. PROJECT FINANCING						
\$ 5,322	\$ 287	Solid Waste Collection Fund	\$ 4,834	\$ 6,319	\$ —	\$ 284	\$ 4,834	\$ —
\$ 2,570	\$ 44,500	Transit/Landfill Fund	\$ 24,778	\$ 2,550	\$ 36,600	\$ 16,075	\$ 21,103	\$ —
\$ 829	\$ 4,788	Stormwater Construction Fund	\$ 20,585	\$ 568	\$ 2,100	\$ 3,434	\$ 19,635	\$ —
\$ —	\$ 2,700	Water Construction Fund	\$ 4,834	\$ 569	\$ —	\$ —	\$ 4,834	\$ —
\$ —	\$ 2,300	Parking Construction Fund	\$ 20,122	\$ 10,000	\$ —	\$ 4,675	\$ 17,747	\$ —
\$ 3,290	\$ 53,125	Sanitary Sewer Construction Fund	\$ 15,434	\$ 5,319	\$ 250	\$ 15,969	\$ 14,334	\$ —
\$ 1,999	\$ 11,900	Garage Service Fund	\$ 5,950	\$ 4,400	\$ 2,200	\$ 12,550	\$ 5,000	\$ —
\$ 14,010	\$ 119,600	TOTAL	\$ 96,537	\$ 29,725	\$ 41,150	\$ 52,987	\$ 87,487	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacement of computers and printers for all enterprise-type City departments. This reflects a four-year replacement schedule for computers, a five-year replacement schedule for printers and a two-year replacement schedule for computer tablets. Software capabilities continue to out pace hardware and also provide continued opportunity for productivity enhancement. In the past we tried to maintain a five year replacement schedule. However, this has been ineffective and is at least a year too long, based on the pace of hardware and software industries.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Easy, convenient access to City information and services.

FUNDING RESTRICTIONS

This project may only be funded by the funds listed in the Project Financing section.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Citywide Multifunction Replacement			YEAR FIRST SUBMITTED: FY 2020	TOTAL PROJECT COST	
						ACTIVITY NO: 600-2435	\$36,128	
						670/710/730 740/810		
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Multifunction Machine	\$ 7,068	\$ 29,060	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 7,068	\$ 29,060	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Transit Fund	\$ —	\$ 4,580	\$ —	\$ —	\$ —	\$ —
		Landfill/Solid Waste Fund	\$ 4,234	\$ 2,547	\$ —	\$ —	\$ —	\$ —
		Sanitary Sewer Construction Fund	\$ 945	\$ 4,963	\$ —	\$ —	\$ —	\$ —
		Parking/Stormwater Construction Fund	\$ 944	\$ 3,070	\$ —	\$ —	\$ —	\$ —
		Water Construction Fund	\$ 945	\$ 9,620	\$ —	\$ —	\$ —	\$ —
		Garage Services Fund	\$ —	\$ 4,280	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 7,068	\$ 29,060	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would replace all multifunction devices (printer/copier/scanners) over a period of 2 years. These devices were last replaced in July of 2014 and will be 5 years old in 2020. Beginning in 2008, the City replaced over 300 standalone printers, copiers and scanners with sixty two (62) multifunction machines. At the same time, Rightfax electronic faxing was implemented, replacing standalone fax machines. Prior to 2008, there were 7 different copier/printer vendors and no standard purchasing contract or strategy for office equipment to leverage volume production. It is conservatively estimated that a \$90,000/year savings results from the city's move from standalone printers, copiers and fax machines to multifunction machines. Savings result from a reduced price per print/copy which currently is .0068 per black and white copy/print and .0498 per color copy/print. In addition, departments have benefited from an expanded use of Laserfiche document management with improved scanning methods. The multifunction devices also provide a higher quality, more consistent print/copy environment. A majority of the fleet of multifunction machines will be reaching an end of useful life in 2019, which means an expected maximum number of copies/prints has been reached and machine failures and calls for service will increase.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: City-Wide Computer and Printer Replacements			YEAR FIRST SUBMITTED: ACTIVITY NO: 300, 350 101, 102, 290 100-1069		TOTAL PROJECT COST \$4,472,837
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
\$ 12,903	\$ 30,320	Computer Tablets	\$ 32,238	\$ 17,128	\$ 53,782	\$ 31,318	\$ 16,178	\$ —
\$ 266,587	\$ 436,151	Computers	\$ 238,022	\$ 217,820	\$ 394,087	\$ 244,454	\$ 238,022	\$ —
	\$ 4,350	Printers/Scanners/Plotter	\$ 4,000	\$ 2,500	\$ 500	\$ 3,700	\$ 4,000	\$ —
\$ 158,643	\$ 222,000	Servers	\$ 438,774	\$ 371,436	\$ 390,000	\$ 247,000	\$ 315,774	\$ —
		Software	\$ —	\$ 40,000	\$ 35,150	\$ 6,000	\$ —	\$ —
\$ 438,133	\$ 692,821	TOTAL	\$ 713,034	\$ 648,884	\$ 873,519	\$ 532,472	\$ 573,974	\$ —
		B. PROJECT FINANCING						
\$ 185,098	\$ 155,089	General Fund	\$ 418,429	\$ 249,027	\$ 301,821	\$ 399,900	\$ —	\$ —
	\$ 12,654	Sales Tax Fund (20%)	\$ 116,483	\$ 13,021	\$ 117,003	\$ —	\$ —	\$ —
\$ 248,912	\$ 508,412	DRA Distribution	\$ 168,152	\$ 379,266	\$ 437,195	\$ 109,072	\$ 568,504	\$ —
\$ 4,124	\$ 11,700	Sales Tax Fund (30%)	\$ 6,900	\$ 2,200	\$ 13,300	\$ 13,700	\$ 2,400	\$ —
		Cable TV Fund	\$ 3,070	\$ 3,070	\$ —	\$ —	\$ 3,070	\$ —
	\$ 4,966	CDBG Grant Fund	\$ —	\$ 2,300	\$ 4,200	\$ 9,800	\$ —	\$ —
\$ 438,134	\$ 692,821	TOTAL	\$ 713,034	\$ 648,884	\$ 873,519	\$ 532,472	\$ 573,974	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacement of computers and printers for all City departments except those funded through Community Development Block Grant or Housing grant funds. This reflects a four-year replacement schedule for micros, a five-year replacement schedule for printers and a two-year replacement schedule for computer tablets. Software capabilities continue to out pace hardware and also provide continued opportunity for productivity enhancement. In the past we tried to maintain a five year replacement schedule. However, this has been ineffective and is at least a year too long, based on the pace of hardware and software industries.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Easy, convenient access to City information and services.

FUNDING RESTRICTIONS

This project may only be funded by the funds listed in the Project Financing section.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Citywide Multifunction Replacement			YEAR FIRST SUBMITTED: FY2020	TOTAL PROJECT COST \$230,529	
						ACTIVITY NO: 102-2435 350-2435		
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Multifunction Machine	\$ 134,875	\$ 95,654	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 134,875	\$ 95,654	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 128,263	\$ 91,974	\$ —	\$ —	\$ —	\$ —
		Dubuque County Share	\$ 6,612	\$ —	\$ —	\$ —	\$ —	\$ —
		Road Use Tax Fund	\$ —	\$ 3,680	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 134,875	\$ 95,654	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would replace all multifunction devices (printer/copier/scanners) over a period of 2 years. These devices were last replaced in July of 2014 and will be 5 years old in 2020. Beginning in 2008, the City replaced over 300 standalone printers, copiers and scanners with sixty two (62) multifunction machines. At the same time, Rightfax electronic faxing was implemented, replacing standalone fax machines. Prior to 2008, there were 7 different copier/printer vendors and no standard purchasing contract or strategy for office equipment to leverage volume production. It is conservatively estimated that a \$90,000/year savings results from the city's move from standalone printers, copiers and fax machines to multifunction machines. Savings result from a reduced price per print/copy which currently is .0068 per black and white copy/print and .0498 per color copy/print. In addition, departments have benefited from an expanded use of Laserfiche document management with improved scanning methods. The multifunction devices also provide a higher quality, more consistent print/copy environment. A majority of the fleet of multifunction machines will be reaching an end of useful life in 2019, which means an expected maximum number of copies/prints has been reached and machine failures and calls for service will increase.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Network Switch Replacements			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 350-1846		TOTAL PROJECT COST \$ 236,450
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Network Switches	\$ 44,000	\$ 43,900	\$ 63,475	\$ 85,075	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 44,000	\$ 43,900	\$ 63,475	\$ 85,075	\$ —	\$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	\$ 44,000	\$ 43,900	\$ 63,475	\$ 85,075	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 44,000	\$ 43,900	\$ 63,475	\$ 85,075	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would replace 69 network switches (16 switches in Year 1; 13 switches in Year 2; 17 switches in Year 3; and 23 switches in Year 4). These 69 network switches are located throughout the city and are the equipment that provides connectivity and security from each location using fiber optic connection back to servers and resources for internet access, e-mail, phones, data entry, software licensing, server backups and replication, cameras and data collection. The switches proposed for replacement are currently or will be 7 - 10+ years old at the time of replacement. The replacements are proposed to start with the switches that have reached "end of life" and are no longer updated or supported -- which means if a failure occurred, an emergency replacement would need to be funded and would result in extended network downtime. At the conclusion of this project all switches will be running at a speed of at least 1GiBs with many at 10GiBs, meaning not only a better supported and secure environment, but also faster throughput from end-point devices.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Network Security Risk Assessment			YEAR FIRST SUBMITTED: FY 2019	TOTAL PROJECT COST	
						ACTIVITY NO: 102-2808 350-2808	\$ 52,000	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Consultant Services	\$ 15,000	\$ —	\$ 22,000	\$ 15,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ 22,000	\$ 15,000	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ 15,000	\$ —	\$ 10,000	\$ 10,000	\$ —	\$ —
		Sales Tax Fund (20%)	\$ —	\$ —	\$ 12,000	\$ 5,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ 15,000	\$ —	\$ 22,000	\$ 15,000	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would addresses the outcome of secure city information and data using "best practices" to ensure secure City information, including personal information. According to the IBM Security and Ponemon Institute's "2017 Cost of Data Breach Study: Global Overview," the average cost for each lost or stolen record containing sensitive and confidential information is \$141. Although this would seem a small amount, when scaled to databases maintained on city hosted systems, a breach of the Utility Billing database alone would bear a total cost of over \$3 million in remediation. Best practices of cyber-liability and security support a multi-year effort to assess network security, make recommendations for necessary changes, conduct remediation (or follow-up with future budget requests) on any issues discovered, test modifications for security and train staff and end-users. This project would include services for full network penetration testing of existing network assets. Follow-up assessments and testing of effectiveness of changes made are recommended for future years.

RELATIONSHIP TO OTHER PROJECTS

This project is not related directly to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Layer 2 Redundant Network Switch			YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST \$ 149,229	
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Equipment	\$ —	\$ 63,000	\$ —	\$ 65,229	\$ —	\$ —
		Design & Engineering	\$ —	\$ 11,000	\$ —	\$ 10,000	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 74,000	\$ —	\$ 75,229	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 74,000	\$ —	\$ 75,229	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 74,000	\$ —	\$ 75,229	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide a redundant 10G core fiber switch and a 1000Base-T switch and necessary transceivers to connect the secondary core switch to the primary core switch as 40G interfaces over single mode fiber. This project includes technical services to configure and install the secondary core switches. This project would provide critical network support and availability for sites at City Hall Annex, City Hall and DLEC -- serving the City's most critical users and assets and maximizing up-time and throughput. The City's enterprise network core and aggregation layers have moved to 10 Gigabit Ethernet (GbE) switching environment to accommodate high bandwidth users such as CCTV for sewer cameras, High-Definition (HD) video, GIS and a infrastructure with high virtualization -- driving the need for resilient, high-bandwidth access networks. To meet these challenges the City's network solutions must not only provide better performance, port density, reliability, security, and Quality of Service (QoS), but also a resiliency at a data link layer (layer 2) to maximize and balance loads along with providing a failover at the most critical part of the infrastructure. As the City enters into more public/private conduit and fiber optic sharing agreements this level of redundancy will provide for a more resilient network with seamless failover occurring.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other projects.

OUTCOME

Financially Responsible, High Performance City Organization: Easy, convenient access to City information and services.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: End Point Security			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-		TOTAL PROJECT COST \$ 20,640
2018 EXPENSE	2019 BUDGET	PROJECT BUDGET	2020	2021	2022	2023	2024	2025
		A. EXPENDITURE ITEMS						
		Software	\$ —	\$ 20,640	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 20,640	\$ —	\$ —	\$ —	\$ —
		B. PROJECT FINANCING						
		DRA Distribution	\$ —	\$ 20,640	\$ —	\$ —	\$ —	\$ —
\$ —	\$ —	TOTAL	\$ —	\$ 20,640	\$ —	\$ —	\$ —	\$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide software that will allow for enhanced security at each local PC and mobile device, limiting the installation of potentially harmful applications and software. According to several cybersecurity reports, including vendor and government sources, 90 percent of security incidents result from exploits against software. Non-authorized software interferes with optimum performance, opens the City to risk of intrusion and results in lengthy troubleshooting to remedy. The presence of non-authorized applications could easily lead to breaches enabled by software. The stark reality is non-compliant and non-authorized software interject an equivalent risk to malware and virus attached to e-mail or resident on compromised websites. This software works in concert with existing anti-virus protection. The solution includes auditing and compliance reporting. The solution assists in device auditing and analysis greatly assisting staff in managing desktop standardization leading to performance gains controlling what is allowed on desktop and mobile devices. The expense is for a 3 year license.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information, including personal information.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%) or DRA Distribution/Gaming.