Recommended for Fiscal Years

2022-2026

CAPITAL IMPROVEMENT PROGRAM

THE CITY OF DUBUQUE

Masterpiece on the Mississippi

CITY OF DUBUQUE, IOWA
Fiscal Year 2022-2026 Capital Improvement Program (CIP)

TO: The Honorable Mayor and City Council Members

FROM: Michael C. Van Milligen, City Manager

Attached is the amended Fiscal Year 2022-2026 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 24, 2021, at the same time as the public hearing on the Fiscal Year 2022 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 adoption 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 2022 CIP budget adoption of $49,342,750 is a 16.56% decrease from the Fiscal Year 2021 CIP budget of $59,132,225.

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 adoption reflects that debt reduction priority.

While the City will issue $54,053,140 in new debt in the Adopted five-year CIP, mostly for fire truck and pumper replacements, fire station expansion, road improvements, sanitary sewer improvements, additional downtown parking, and maintenance of Five Flags, the City will access $3,424,668 of previously issued state revolving fund loans as the related capital improvement projects progress, for a total of $57,477,808 of debt in FY 2022-2026. The City will retire $96,569,252 of existing debt, reducing the amount of City debt by $39,091,444.

In this budget adoption, the Mayor and City Council are currently reviewing for Fiscal Year 2022, the use of the statutory debt limit would be 45%, and by the end of the Adopted 5-Year Capital Improvement Program (CIP) budget in Fiscal Year 2026, the City of Dubuque would be at 37% of the statutory debt limit. Projections out 10 years to Fiscal Year 2031 show the City of Dubuque at 21% 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 began to decrease and in Fiscal Year 2021 the City will be issuing less debt than is retired and many projects will become pay-as-you-go.

The debt principal outstanding projected as of June 30, 2021, is currently $255,296,689. The breakdown of the debt principle outstanding as of June 30, 2021, is as follows:

Debt Obligation	**6/30/2021 Principle Outstanding**
General Obligation Essential Corporate Purpose	$81,393,426
Tax Increment Notes and Bonds	$18,395,000
Economic Development TIF Rebate Agreements	$5,998,977
General Fund Leases	$155,000
Other Revenue-Backed Loans	$3,470,309
Total Indebtedness Subject to Statutory Debt Limit of $239,298,248	$109,412,712
Percent of Statutory Debt Limit Used as of June 30, 2021	45.72%
Revenue Bonds	$125,083,977
Debt Subject to Annual Appropriation	$20,800,000
Total City Indebtedness as of June 30, 2021	**$255,296,689**

The City will issue $54,053,140 in new debt in the Recommended 5-year CIP, mostly for fire truck and pumper replacements, fire station expansion, road improvements, sanitary sewer improvements, additional downtown parking, and maintenance of Five Flags.

Project	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Airport Rehab Taxiway A			$ 577,000	$ 283,000		$ 860,000
Downtown Parking Ramp GDTIF	$ 4,050,000	$ 9,078,000	$ 6,000,000			$ 19,128,000
Finance General Ledger Software						$ —
Fire HVAC Headquarters		$ 169,184	$ 84,894			$ 254,078
Fire Ladder & Pumper	$ 1,582,154		$ 425,460	$ 433,000		$ 2,440,614
Fire Station Expansion				$ 700,620	$ 3,194,028	$ 3,894,648
Five Flags GDTIF			$ 5,750,000			$ 5,750,000
Riverfront Docks/Property Acquisition GDTIF	$ 1,300,000					$ 1,300,000
Smart Parking GDTIF		$ 222,000			$ 450,000	$ 672,000
Solid Waste Collection Vehicles	$ 175,000	$ 235,000	$ 55,000	$ 265,000	$ 106,000	$ 836,000
Sanitary Sewer Projects	$ 5,170,303	$ 4,224,310	2871401	4700000	1296786	$ 18,262,800
Water Projects		$ 655,000				$ 655,000
Total New Debt	**$ 12,277,457**	**$ 14,583,494**	**$ 15,763,755**	**$ 6,381,620**	**$ 5,046,814**	**$ 54,053,140**

In addition, the City will access $3,424,668 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 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
Stormwater Upper Bee Branch Rail Road	$ 2,394,668					$ 2,394,668
Water CIWA Purchase & Improvements	$ 1,030,000					$ 1,030,000
Total Draw Downs	**$ 3,424,668**	**$ —**	**$ —**	**$ —**	**$ —**	**$ 3,424,668**

The City will retire $96,569,252 of existing debt over the next five-years (FY22-FY26).

The following chart shows the net reduction of debt from Fiscal Year 2022 - Fiscal Year 2026:

Project	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
New Debt	$ 12,277,457	$ 14,583,494	$ 15,763,755	$ 6,381,620	$ 5,046,814	$ 54,053,140
Previously Issued SRF Draw Downs	$ 3,424,668	$ —	$ —	$ —	$ —	$ 3,424,668
Retired Debt	-$16,890,599	-$18,413,294	-$19,666,659	-$20,461,290	-$21,137,410	-$96,569,252
Net Debt Reduction	**-$1,188,474**	**-$3,829,800**	**-$3,902,904**	**-$14,079,670**	**-$16,090,596**	**-$39,091,444**

There was a 1.63% increase in assessed value effective January 1, 2020, which is the assessment the Fiscal Year 2022 statutory debt limit is based on. The statutory debt limit effective June 30, 2022 is $241,616,084. **The City will be at 44.67% of statutory debt limit by June 30, 2022**. In FY 16 the City was at 86.13% of statutory debt limit, so **44.67% in Fiscal Year 2022 is a 41.46% 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 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21
69.69%	84.31%	83.87%	89.89%	86.13%	69.45%	63.41%	56.32%	50.22%	45.72%

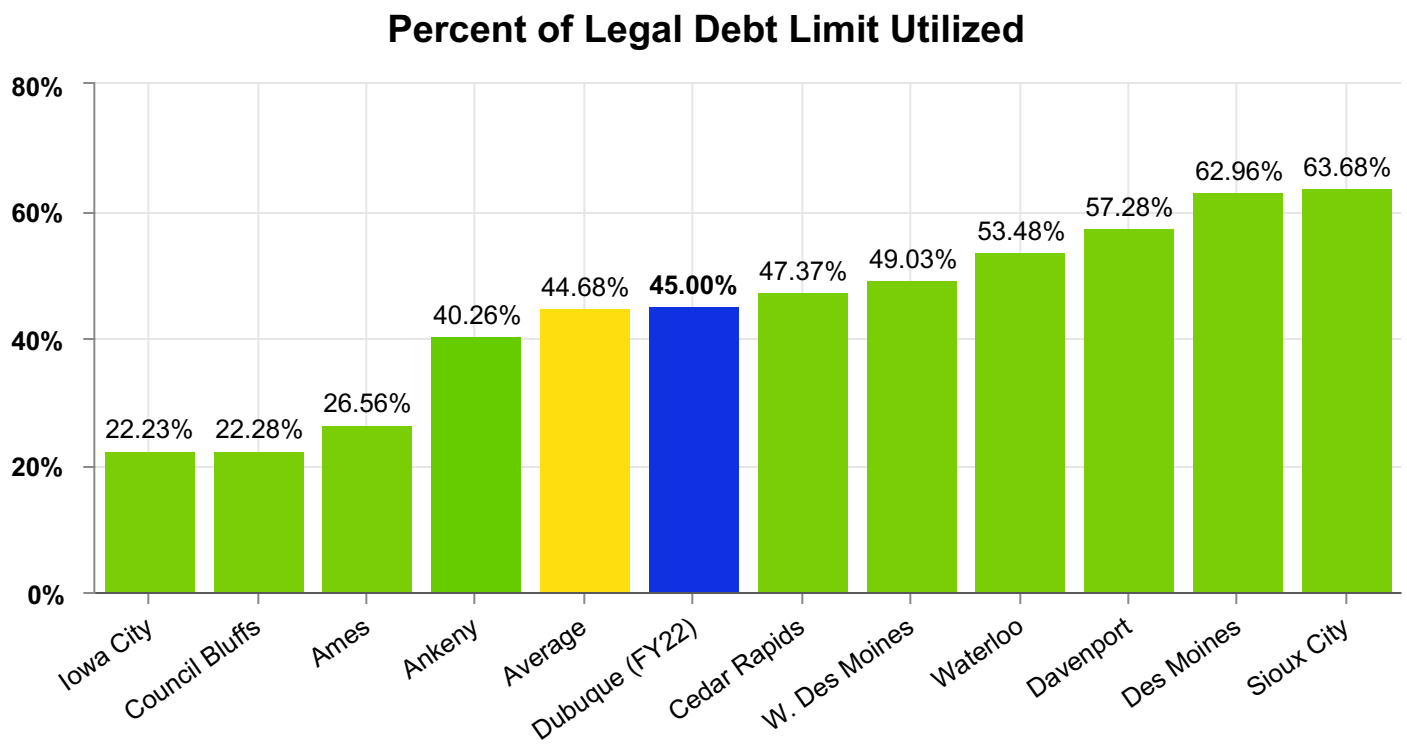
The five year projection of the City's use of the statutory debt limit from Fiscal Year 2022–2026 including all planned debt issuances subject to the statutory limit and assuming a 2% growth in the City's assessed valuation beginning in Fiscal Year 2022 is as follows:

FY 22	FY 23	FY 24	FY 25	FY 26
44.67%	44.15%	44.57%	40.42%	37.08%

The following chart shows Dubuque's relative position pertaining to use of the statutory debt limit for Fiscal Year 2022 compared to the other cities in Iowa for Fiscal Year 2020 with a population over 50,000:

Fiscal Year 2020 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	Sioux City	$ 234,052,896	$ 149,054,999	63.68 %
10	Des Moines	$ 633,944,619	$ 399,100,000	62.96 %
9	Davenport	$ 362,087,372	$ 207,415,000	57.28 %
8	Waterloo	$ 198,578,109	$ 106,207,641	53.48 %
7	Cedar Rapids	$ 583,572,883	$ 286,435,000	49.08 %
6	W. Des Moines	$ 414,397,845	$ 203,180,000	49.03 %
5	**Dubuque (FY22)**	**$ 241,616,084**	**$ 108,727,970**	**45.00 %**
4	Ankeny	$ 303,268,096	$ 122,095,000	40.26 %
3	Ames	$ 242,136,755	$ 64,305,000	26.56 %
2	Council Bluffs	$ 256,079,718	$ 57,043,627	22.28 %
1	Iowa City	$ 306,678,510	$ 68,160,000	22.23 %
	Average w/o Dubuque			**44.68 %**



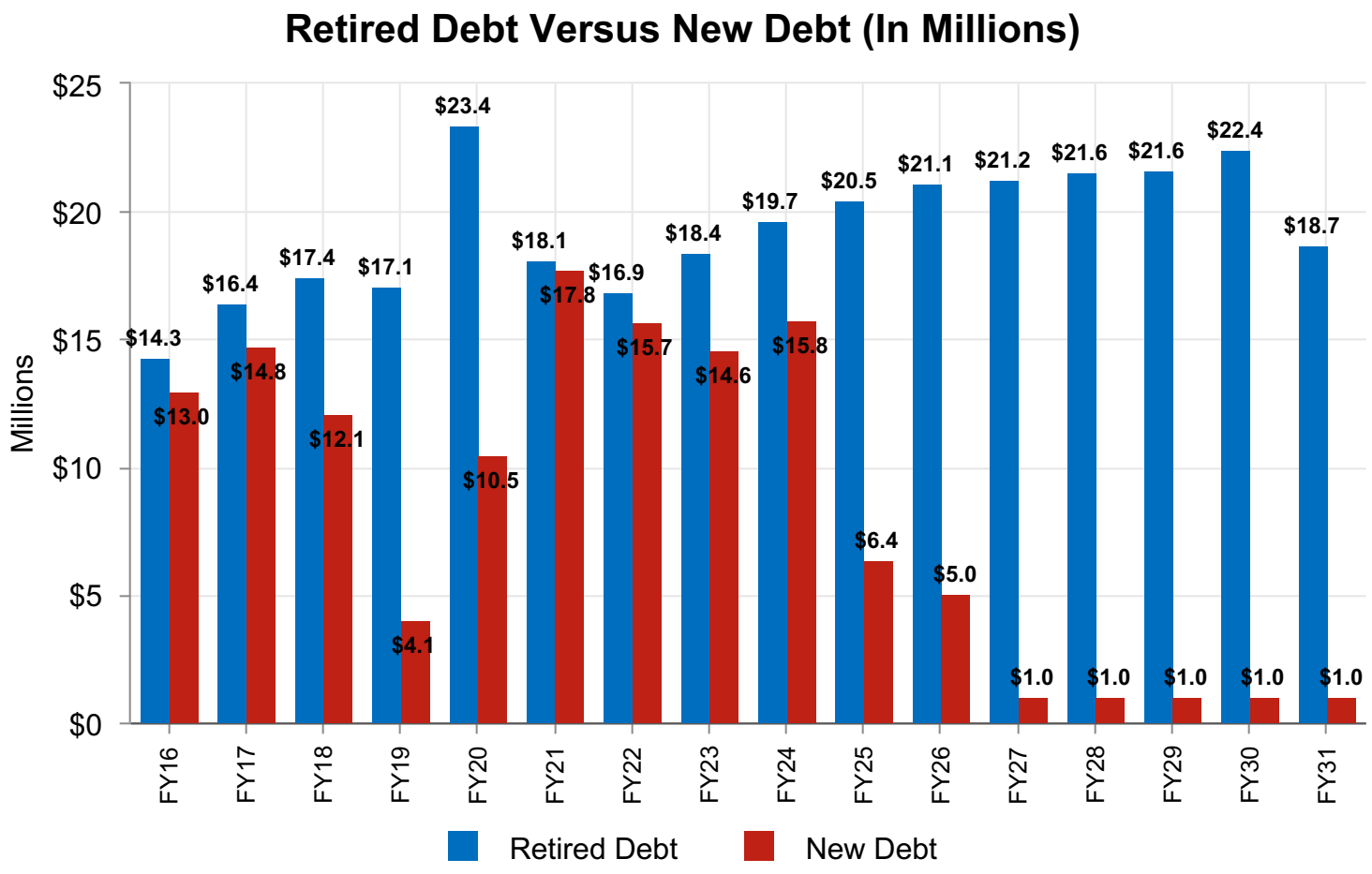
Dubuque ranks as the fifth lowest of the use of statutory debt limit of the 11 cities in Iowa with a population over 50,000 and Dubuque is slightly above the average of the other Cities.

Retired Debt Versus New Debt

The total City indebtedness as of June 30, 2022, is projected to be $254,712,037 (44.67% of statutory debt limit). The total City indebtedness as of June 30, 2015, was $295,561,181 (86.13% of statutory debt limit). **The City is projected to have $40,849,144 less in debt as of June 30, 2022.**

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

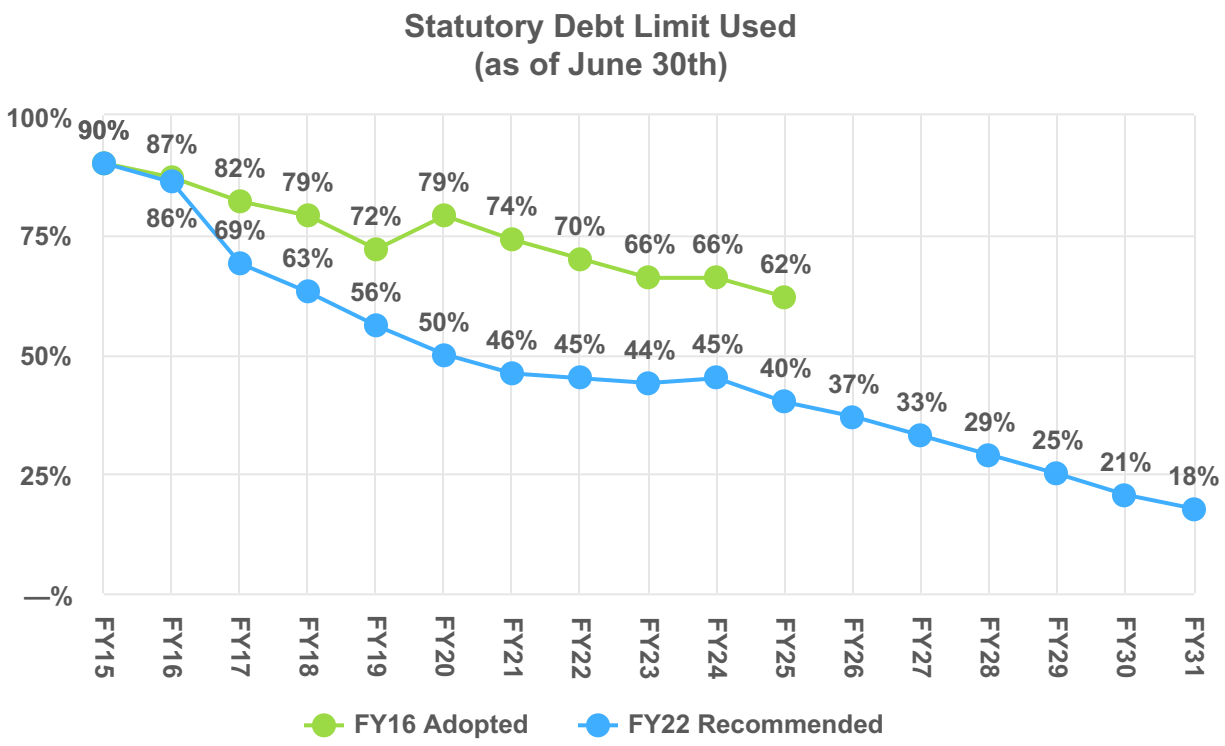
The following chart shows the amount of retired debt as compared to new debt. The new debt includes new debt issuances as well as draw downs on existing state revolving fund loans:



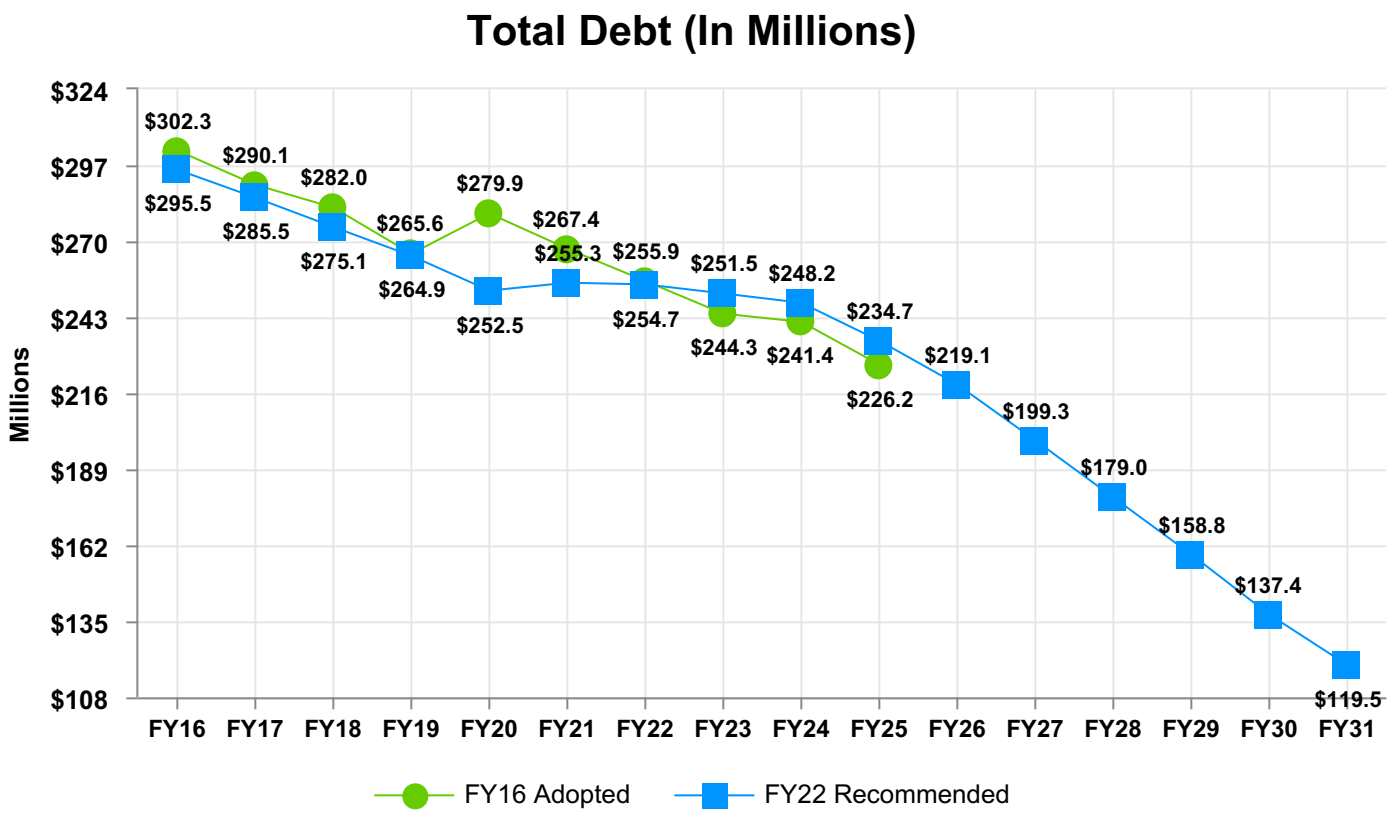
*In Fiscal Year 2020, the City had $5,908,200 forgiven of the Bee Branch Upper Bee Branch Loan on June 30, 2020 which increased principal payments reflected.

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. The recommended FY 2022 budget will achieve that target throughout the 5-year CIP and also 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 2022, the use of the statutory debt limit would be 45%, and by the end of the recommended 5-Year Capital Improvement Program (CIP) budget in Fiscal Year 2026, the City of Dubuque would be at 37% of the statutory debt limit. Projections out 10 years to Fiscal Year 2031 show the City of Dubuque at 18% 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.



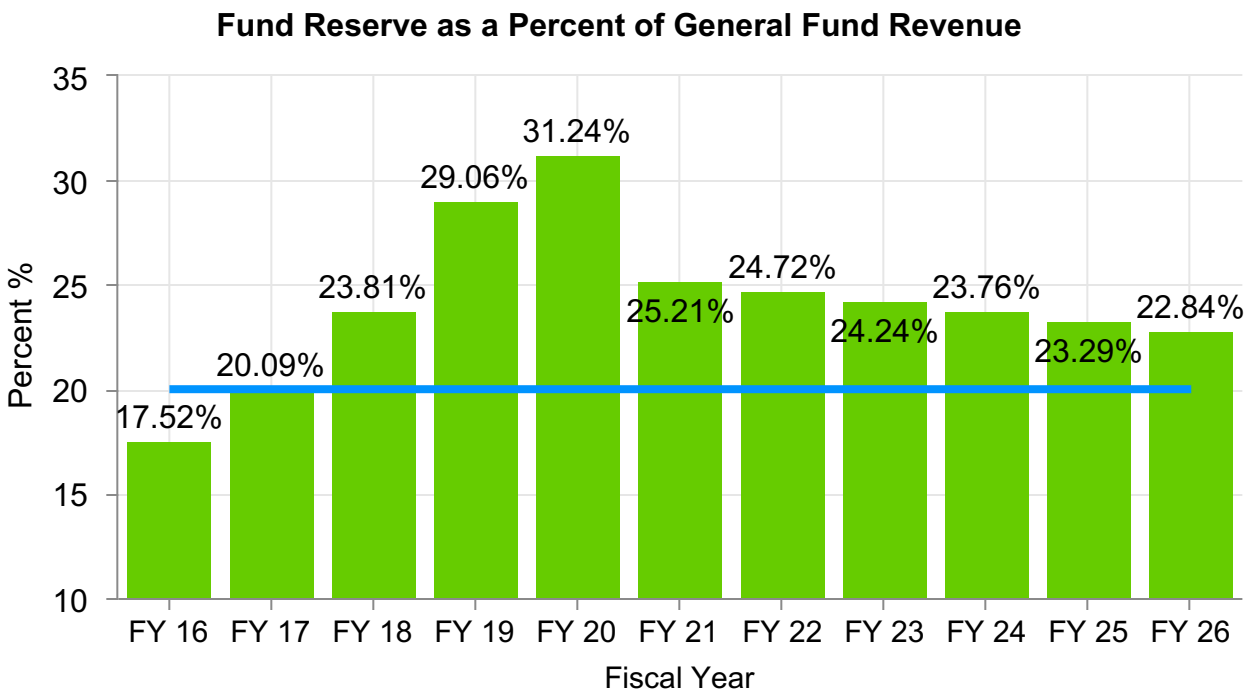
By the end of the Adopted 5-Year Capital Improvement Program (CIP) budget the total amount of debt for the City of Dubuque would be $219.12 million (37% of the statutory debt limit) and the projection is to be at $119.48 million (18% of statutory debt limit) within 10 years.



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 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	29.06%	Increase due to capital projects not expended before the end of the FY and additional contributions to general fund reserve
FY 2020	31.24%	Increase due to freezing vacant positions and most capital projects due to the pandemic.
FY 2021	25.21%	Decrease due to planned capital expenditures



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 in FY 2021, the City of Dubuque will have a general fund reserve of 24.83% of general fund expenses as computed by the methodology adopted in the City's general fund reserve policy on a cash basis or 25.21% percent of general fund revenues as computed by the accrual basis methodology used by Moody's Investors Service. The general fund reserve cash balance is projected to be $17,166,567 on June 30, 2021 as compared to the general fund reserve balance on an accrual basis of $17,903,632 as computed by Moody's Investors Service.The general fund reserve balance on an accrual basis exceeds 22% in FY 2021, which is the margin of error used to ensure the City always has a general fund reserve of at least 20% as computed by Moody's Investors Service.

In Fiscal Year 2017, the City had projected reaching this consistent and sustainable 20% reserve level in Fiscal Year 2022. **In fact, the City met the 20% reserve requirement in FY 2017, five years ahead of schedule and has sustained a greater than 20% reserve.**

	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025
Contribution	$1,700,000	$—	$—	$—	$—	$—	$—
City's Spendable General Fund Cash Reserve Fund Balance	$20,011,333	$18,120,432	$18,120,432	$18,120,432	$18,120,432	$18,120,432	$18,120,432
% of Projected Revenue (Moody's)	27.04%	25.60%	25.40%	25.81%	25.05%	24.77%	24.71%

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.

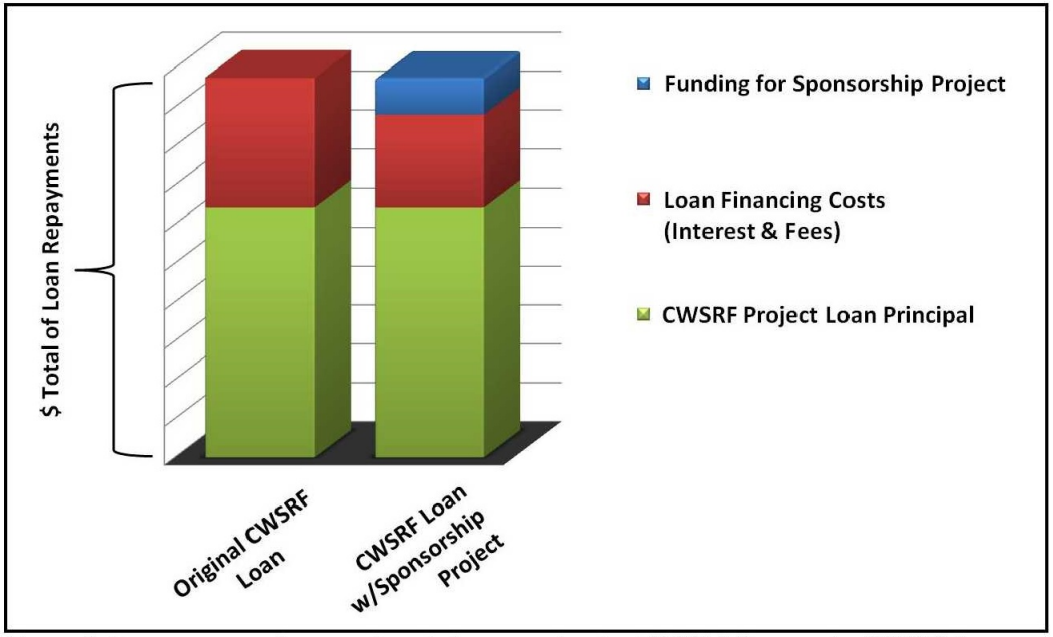


Figure 1. Loan repayment comparison between a standard CWSRF loan and a CWSRF loan with a sponsorship project.

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 that was forgiven in June 2020 was $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.**

In May 2018, the City was awarded $1.0 million in funding for pervious green alley improvements with the Bee Branch Creek and Catfish Creek Watersheds 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 Railroad Culverts Project. The funding for the $1.0 million in improvements will come from the interest payments on the City's Upper Bee Branch Railroad Culvert SRF loan. The Upper Bee Branch Creek Railroad Culvert SRF loan principal was increased to $17,387,000 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 $1.05 million less than the original loan.**

In February 2019, the City was awarded $276,300 in funding for Eagle Point Park Environmental Restoration through the State of Iowa Water Resource Restoration Sponsored Project program as part of the City State Revolving Fund loan for the Kerper Boulevard Sanitary Sewer Project. The funding for the $276,300 in improvements will come from the interest payments on the City's Kerper Boulevard Sanitary Sewer SRF loan. The Iowa Finance Authority now requires that sponsorship projects are included in the initial loan amount so that the repayment schedule does not have to be adjusted**. On a gross basis, the borrowing costs for the new loan were $278,000 less than if there was not a sponsorship project included.**

The five-year CIP adopted through the current year (Fiscal Year 2021) budget process covered Fiscal Year 2021 through 2025 and is $200,095,388. The adopted five-year CIP for the upcoming budget process (Fiscal Year 2022) will cover Fiscal Year 2022 through 2026 and will be $187,487,690. This is a $(12,523,141) (-6.26%) decrease.

FY 2021-2025 Capital Improvement Program (CIP) compared to the FY 2022-2026 Capital Improvement Program is as follows:

	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Total
FY21 CIP	$59,747,247	$46,374,070	$41,267,675	$30,135,368	$22,571,028	—	$200,095,388
FY22 CIP	—	$49,342,750	$43,298,159	$39,593,286	$29,389,844	$25,863,651	$187,487,690
$ Difference	—	+$2,968,680	+$2,030,484	+$9,457,918	+$6,818,816	—	-$12,607,698
% Change	—	+6.40%	+4.92%	+31.38%	+30.21%	—	-6.30%

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

Fiscal Year 2022 will be the fifteenth 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 2022 Stormwater User Fee is proposed to increase from $8.29 per SFU to $8.85 per SFU, a 1.63% 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
Adopted Per Ordinance 21-20	$—	$—	$—	$—	$—	$8.29	$8.29
Proposed for FY22	$—	$—	$—	$—	$—	$—	$8.85
% Decrease From Ordinance 21-12	-24.94%	-24.33%	-19.22%	-13.78%	-7.89%	-7.89%	-1.67%

* 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. Ordinance 21-20 was adopted in response to the COVID-19 pandemic.

The Stormwater Utility was formed on July 1, 2003, to update and expand the City's aging infrastructure, comply with the National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit, and implement the various elements of the 2001

Drainage Basin Master Plan Stormwater Management Plan (amended in 2013), which outlined improvements in both the Catfish Creek and Bee Branch watersheds. The flood mitigation improvements in the Catfish Creek Watershed have been completed. The improvements in the Bee Branch Watershed are part of the multi-phased, fiscally responsible, holistic Bee Branch Watershed Flood Mitigation Project which will mitigate flooding, improve water quality, stimulate investment, and enhance the quality of life. The City's has been able to garner support from local, state, and federal partners with over $163 million in outside funding to help offset the cost of the overall $237 million project. Since 2001, the City has made steady progress on the various phases of the project.

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

Phase	Description	Status
1	Carter Road Detention Basin	Complete
2	West 32nd Street Detention Basin	Complete
3	Historic Millwork District	Complete
4	Lower Bee Branch Creek Restoration	Complete
5	Flood Mitigation Gate & Pump Replacement	Under Design
6	Impervious Surface Reduction	1/3 of alleys converted to "Green Alleys"
7	Upper Bee Branch Creek Restoration/Railroad Culverts	Under Construction
8	22nd Street Storm Sewer Improvements	Complete from Elm Street to N. Main
9	Flood Mitigation Maintenance Facility	Site Cleanup/Preparation
10	North End Storm Sewer Improvements	Initiate Design in 2028
11	Water Plant Flood Protection	Initiate Design in 2030
12	17th Street Storm Sewer Improvements	Complete from Elm St. to Heeb St.

Individually, each of the 12 phases of the project will 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. When complete, it is expected to prevent an estimated $582 million in damages over its 100-year design life.

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 (2022-2026) City Council Goals** and **2020-2022 Policy Agenda, established by the City Council August, 2020.**

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 2020 - 2022

Top Priority (in alphabetical order)

- Affordable Housing Creation: Direction and City Actions
- Chaplain Schmitt Island Master Plan: Implementation & Phasing
- Dream Center Facilities and Programs: Additional Funding
- Equitable Fine and Fee Reform: Report, Direction and Actions
- Equitable Poverty Prevention Plan Implementation: Outcomes, Report with Options, City Role, Direction, and City Actions
- Fountain of Youth: Additional Funding

High Priority

- Arts and Culture Master Plan Implementation: Update Report, Direction, and Actions
- Arts Operating Grants and Art on the River: Update Report, Funding, Direction, and Actions
- Childcare Initiative: Outcomes, City Role, Partners, Direction and City Actions
- Code of Ethics/Social Media for Mayor and City Council: Development and Adoption
- Food Insecurity: Report with Findings and Options, Direction, City Actions, and Funding (including Food Deserts and Grocery Store Attraction)
- Four Mounds/HEART Program: Funding

Attachment 3 provides a summary of these projects organized by City Council's five-year goals and Fiscal Year 2022 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 2022-2026 CIP is substantially the same as previous fiscal years. First, an index referencing the 2022-2026 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 2020 and the adopted budget in Fiscal Year 2021. 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 "2027". 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 "2027" 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 2026." If a project is annual the "2027" 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 adopted 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 2023 through Fiscal Year 2026 projects, as well as to add projects for Fiscal Year 2027.

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 ($23,071,546). Those new projects that appear in the five-year CIP are as follows:

Department	New Project		Total CIP
Fire	Building Maintenance at Fire Station 3	$	28,363
Parks	Four Mounds Parking Improvements	$	70,000
Parks	Hilltop Park-Replace Play Unit	$	68,615
Parks	Marshall Park-Replace Play Unit	$	150,000
Civic Center	Arena-Reseal Ballroom Floor	$	26,500
Civic Center	Arena-Paint Exterior Steel Siding	$	103,000
Civic Center	Theater - Dressing Rooms Remodel	$	54,050
Civic Center	Concessions - Gates A & C Remodel	$	114,100
Civic Center	Arena-Masking Equipment	$	41,000
Civic Center	Theater Install Orchestra Pit Lift	$	256,000
Civic Center	Arena - Stage Replacement	$	255,000
Civic Center	Arena - Locker/Shower Facilities	$	16,300
Recreation	Flora - Water Playground	$	150,000
Recreation	Bunker Hill-Material Storage Reno	$	15,000
Recreation	Bunker Hill- Basement/Foundation Repair	$	30,000
Recreation	MFC - Rooftop Equipment	$	35,200
Recreation	MFC - Security Cameras	$	35,000
Recreation	EB Lyons - Slope Stabilization	$	49,500
Recreation	Mystique Community Ice Center Settling Remediation	$	500,000
Recreation	Low/Mod Income Park Improvements	$	665,443
Conference Center	Replace Exterior Building Sign	$	40,000
Conference Center	Overhead Door Replacement	$	21,000

Department	New Project		Total CIP
Conference Center	Replace/Rehab Room Doors	$	59,000
Water	HWY 20/Dodge St Water Main Relocation	$	996,000
Water	Super 20 Mobile Home Park Water Connection to City Water	$	142,000
Water	Green Alley Water Main and Fittings Replacement	$	108,000
Water	Burlington Street Water Main Replacement	$	350,000
Water	CIWA Water System Agreements for Water Service Line Installations	$	224,000
Water	Third Pressure Zone Connection (from Tanzanite Drive to Davenport St.)	$	2,049,000
Water	Olympic Heights (Pressure Zone 5) Auto Flusher and CL2 Analyzer	$	37,075
Water	WTP Roof Repair	$	200,000
Water	Water and Sewer Rate Analysis	$	100,000
Water	E. 16th St Water Main Replacement (White St. to Alley Between White and Jackson St)	$	71,500
Water	E.16 Street (White St. and Alley East of White St.) Hydrant Relocation Project	$	24,000
Water	Generators-Park Hill & Mt. Carmel	$	215,000
W&RRC	Sidestream Nitrogen Removal	$	400,000
W&RRC	Sidestream Phosphorous Removal	$	300,000
W&RRC	Sludge Blanket Level Detector Replacement	$	25,000
W&RRC	Catfish Lift Station Pump Replacement	$	60,000
W&RRC	Kerper Court Lift Station Spare Pump	$	40,000
W&RRC	Laboratory HVAC Replacement	$	15,000
Airport	Update ARFF/Maintenance Building Lighting to LED fixtures	$	15,100
Airport	SRE Building Vehicle/Equipment Lift	$	28,000
Airport	Update Corporate Hangar Lighting to LED	$	10,100
Airport	Replace ADA Compliant Detectable Warning Surface Pads at Terminal Parking Lots	$	70,000
Airport	Old Maintenance Shop Building Deconstruction	$	37,500
Airport	Relocate Existing Emergency Airfield	$	149,500
Airport	Additional AV Gas Fuel Tank	$	98,500
Public Works	Ice Harbor Gates Fender Replacement Project	$	145,000
Public Works	Roof - Central Storage	$	29,600
Public Works	Aerial Bucket Truck Replacement	$	450,876

Department	New Project		Total CIP
Public Works	Sprinkler System - Central Storage	$	18,500
Public Works	Vehicle Maintenance Wall Improvements	$	5,000
Public Works	Vehicle Maintenance Lubrication System	$	40,000
Public Works	Electric Vehicle Charging Infrastructure Located at the Municipal Services Center	$	238,266
Engineering	Bee Branch Interceptor Sewer Connection	$	3,335,000
Engineering	Force Main Air Release Replacement Project	$	1,300,000
Engineering	14th Street Storm Sewer Reconstruction	$	25,000
Engineering	Bies Drive Storm Sewer	$	64,000
Engineering	Bennett Street Storm Sewer Improvements	$	62,500
Engineering	Stoneman Road Storm Sewer	$	85,000
Engineering	Cedar Cross Road Storm Sewer Construction	$	147,500
Engineering	Rockdale Road Storm Sewer Extension	$	90,000
Engineering	Stoneman Road Reconstruction	$	835,000
Engineering	Sylvan Drive Reconstruction	$	885,000
Engineering	14th Street Overpass	$	727,000
Engineering	Central Ave Traffic Study	$	265,000
Engineering	Central Avenue Streetscape Design	$	400,000
Engineering	Schmitt Island Connector Trail	$	275,000
Engineering	South Port Redevelopment	$	73,000
Engineering	Engineering Department FF&E Update	$	85,000
Engineering	Riverfront Property Purchase	$	750,000
Engineering	Blum Site Utilization	$	93,000
Economic Development	Development of Graf Properties	$	217,000
Parking	Bus DC Charging Stations	$	273,000
Parking	Smart Parking System	$	1,858,000
Housing and Community Development	Credit Repair Program	$	500,000
Housing and Community Development	Window Replacement Program	$	100,000
Housing and Community Development	Visiting Nurse Association	$	60,000
Housing and Community Development	Aquaponic System for Food Deserts	$	90,958

Department	New Project		Total CIP
Housing and Community Development	Neighborhood Broadband	$	100,000
Housing and Community Development	Childcare Assistance	$	50,000
City Manager's Office	Innovative & Entrepreneurial City Facilities & Service Delivery Study	$	75,000
Information Services	Data Vault	$	200,000
Information Services	Upgrade Isilon Disk Storage System	$	250,000
Information Services	Fiber Optic Documentation and Maintenance	$	250,000
Information Services	Office Redesign	$	75,000
	TOTAL	**$**	**23,071,546**

The Capital Improvement requests that were previously funded in the five-year CIP that are not included in this five-year CIP total $596,000. 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, $0 are identified as deferred maintenance items, delineated with an asterisks below. The removed CIPs are as follows:

Department	Existing Project Not Funded		Total CIP
Leisure Services	Usha Park	$	115,000
Leisure Services	Allison Henderson Stormwater Project	$	100,000
Airport	Extend Runway 18/36	$	268,000
Engineering	ADA Curb Ramp Construction	$	63,000
Engineering	Neighborhood Related Improvement	$	50,000
	Total	**$**	**596,000**
	Total Deferred Maintenance	*$*	—

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 ($23,114,281). Of those $3,930,250 are identified as deferred maintenance, delineated with an asterisks below. CIP requests that were not funded include:

Department	New Project Not Funded	Total CIP	
Airport	Additional Terminal Parking	$1,184,250	
Airport	Construct Solar Photovoltaic System	$2,604,000	
Airport	Facilities Painting	$27,600	
Airport	Terminal Geothermal Heat Pump Replacements	$75,000	
Civic Center	Arena - Backlight Five Flags on NE Corner of Arena	$16,000	
Civic Center	Arena - Dressing Rooms Remodel	$33,600	*
Civic Center	Arena - Paint Ceiling	$83,500	*
Civic Center	Arena - Pipe, Drape, & Barricades	$35,600	*
Civic Center	Arena - Scoreboard	$70,000	*
Civic Center	Promenade - Satellite Ticket Booth at Main St Entry	$57,200	
Civic Center	Table Replacement	$51,000	*
Civic Center	Theater - Chair Restoration	$175,000	*
Civic Center	Theater - Scene Shop Ramp Removal	$35,000	*
Civic Center	Theater - Stage Curtain Replacement	$31,500	*
Civic Center	Theater - Stage Lighting Replacement	$125,000	*
Conference Center	Pipe and Drape Additions	$19,500	
Engineering	Bennett Street Reconstruction	$770,000	*
Engineering	Bies Drive Reconstruction	$855,000	*
Engineering	Dream Center Play Area	$448,655	
Engineering	Landfill Frontage Road Street Lights	$400,000	
Engineering	Penn and Radford Roundabout	$1,100,000	
Engineering	Traffic Pedestrian Warning Devices	$98,500	
Engineering	Green Alleys - Non Bee Branch	$860,000	*
Engineering	Pavement Rehab - Dowel Bar	$992,000	
Engineering	Roosevelt Street Improvements	$5,000,000	
Engineering	8th Street - Washington to White	$730,000	
Engineering	7th Street - Jackson to Iowa	$1,637,000	
Engineering	Lead Service Line Replacement	$125,000	
Engineering	Build-Out 2nd Floor Engine House (18th & Central)	$74,660	
Engineering	Sylvan Dr Storm Sewer	$6,000	
Engineering	Century Dr Storm Sewer	$155,000	

Department	New Project Not Funded	Total CIP	
Engineering	Granger Creek Trail - Tech Park	$350,000	
Information Services	Off-Site Data Center	$303,000	
Parks	Re-landscape Locust Street Connector	$30,000	
Parks	Valentine Park Pavilion Installation	$5,000	
Parks	Develop Dog Park	$30,000	
Parks	Accessible Walkway to the Log Cabin Pavilion	$356,000	
Parks	Wading Pool Plan	$40,000	
Parks	Indian Room Restoration	$12,000	
Parks	All Parks - Replace Trash Cans	$40,000	
Parks	Replace Flag Poles in Major Parks	$50,000	
Parks	Maintenance HQ Storage Area	$85,000	
Parks	Madison Park - Flag Pole	$25,000	
Parks	Miller Riverview Park - Pave Roads & Campsites	$100,000	
Parks	Welcome Sign North	$6,000	
Parks	Town Clock Lighting	$10,000	
Parks	Welcome Sign East	$6,000	
Parks	Park Drinking Fountains	$40,000	
Parks	Greenhouse - remove trees on hillside	$25,000	
Parks	Parks Fleet AVL	$38,000	
Parks	Clear Trees from Bluff	$20,000	
Parks	Replace Interpretive Signs	$16,000	*
Parks	Install and/or Replace Park Name Signs	$50,000	*
Parks	Electric Locks-Restrooms	$10,000	
Parks	Madison Park-Renovate Pavilion	$44,000	*
Parks	Valley High Park-Replace Play Unit	$150,000	*
Parks	Jefferson Park-Retaining Wall Replacement	$332,000	*
Parks	Teddy Bear Park-Play Equipment	$150,000	*
Parks	English Ridge Park Development	$63,050	*
Parks	Eagle Point Park-Light Trolley Line	$92,000	
Parks	Granger Creek Nature Trail-Asphalt Trail	$350,000	
Parks	Irrigation to Planters and Flower Beds	$80,000	
Parks	Natural Resources Plan	$60,000	
Public Works	Solid Waste Automated Vehicles	$2,177,666	
Recreation	MFC - Tuckpointing and Brick Replacement	$23,000	

Department	New Project Not Funded	Total CIP
Recreation	Veterans' Memorial Park Access Drive	$70,000
	Total	**$23,114,281**
	Total Deferred Maintenance	*$3,930,250*

Notable FY2022 Capital Improvement Projects

Department	Project Title	Total City Investment FY2020-FY2026	Page
Fire	Ladder Truck & Pumper	$3,291,157	1
Fire	Ambulance Replacement	$589,570	6
Fire	Fire Station Expansion/ Relocation	$4,056,948	7
Parks	Four Mounds Parking Improvements	$70,000	32
Parks	Replace Play Units	See Breakout (Right)	
Parks	Jackson Park Amenities	$310,000	37
Parks	Ash Tree Removal	$1,500,000	44
Parks	Street Tree Program	$343,727	46
Recreation	Low/Mod Income Park Improvements	$750,000	83
W&RRC	High-Strength Water Receiving/Storage	$1,803,930	142
Airport	Reconstruct Taxiway Alpha	$12,400,000	150
Public Works	Asphalt Milling Program	$611,831	163
Public Works	Curb Ramp Program	$2,976,362	164
Public Works	Electric Vehicle Charging Infrastructure Located at the Municipal Services Center	$238,266	180
Engineering	Sewer Utility Asset Management Plan	$522,000	190
Engineering	Sanitary Sewer CCTV Inspection, Cleaning, & Assessment	$1,260,000	192

Planned Playground Equipment Replacement

Project	Total Investment	Page
Gay Park	$90,000	33
Hilltop Park	$68,615	36
Madison Park	$82,500	38
Marshall Park	$150,000	39
Total	$391,115	

Department	Project Title	Total City Investment FY2020-FY2026	Page
Engineering	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	$5,340,938	203
Engineering	Force Main Stabilization	$1,400,000	205
Engineering	Force Main Air Release Replacement Project	$1,300,000	214
Engineering	Bee Branch Gate & Pump Replacement Project	$20,525,536	220
Engineering	Schmitt Island Connector Trail	$275,000	266
Engineering	Fiber Conduit, Cable and Management	See Breakout (Right)	
Economic Development	Greater Downtown Housing Creation Grant Program	$2,515,759	311
Economic Development	Washington Neighborhood Rehabilitation Grant Program	$859,394	314
Economic Development	Downtown Rehabilitation Grant Program	$1,032,037	315
Economic Development	Minority-Owned Business Microloan Initiative	$257,304	316
Economic Development	Development of McFadden Properties	$233,500	317
Economic Development	Central Avenue Corridor Streetscape Master Plan Implementation	$264,907	319
Transportation	Vehicle Replacement	$6,355,919	324
Transportation	New Parking Ramp	$19,496,318	329
Transportation	Smart Parking System	$1,858,000	330

Planned Fiber Conduit, Cable, and Management Projects

Project	Total Investment	Page
INET Fiber Replacement Build Out	$495,746	301
Fiber Optic Conduit- Misc	$332,544	303
Fiber Infrastructure Management System	$22,454	304
Broadband Acceleration & Universal Access	$731,000	305
Citywide Fiber Cable Backbone Masterplan	$230,000	308
Total	$391,115	

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 2022-2026 version of the City's Capital Improvement Program. Special thanks go to Director of Finance & Budget Jennifer Larson, Budget/Financial Analysts Kayla Morrison and Jenna Hirtz, City Manager's Office Manager Juanita Hilkin, City Manager's Office Secretary Stephanie Valentine and Finance Confidential Account Clerk Ella Lahey. 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 2022-2026 CAPITAL IMPROVEMENT PROGRAM

Attachment 1

FISCAL YEARS 2022-2026 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 2022	FY 2023	FY 2024	FY 2025	FY 2026	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	3,000	4,000	4,000	4,000	5,000	20,000	0.01 %
Historic Preservation Loan Repayments	7,000	7,000	7,000	7,000	7,000	35,000	0.02 %
Washington Neighborhood Loan Repayments	40,000	40,000	40,000	40,000	40,000	200,000	0.11 %
Downtown Loan Pool Revolving Fund-Repayments	175,000	105,000	105,000	105,000	105,000	595,000	0.32 %
Insurance and Other Reimbursements	25,000	25,000	25,000	25,000	15,000	115,000	0.06 %
Golf Revenue	20,000	—	10,000	10,000	15,000	55,000	0.03 %
Subtotal Current Revenue	**300,000**	**211,000**	**221,000**	**221,000**	**217,000**	**1,170,000**	**0.62 %**
Cable TV	5,600	—	4,600	5,000	5,600	20,800	0.01 %
Internal Service Funds-City Garage	42,200	9,400	0	6,600	2,200	60,400	0.03 %
Landfill Fund	221,261	13,120	2,200	31,420	12,320	280,321	0.15 %
Transit Fund	—	2,300	14,103	—	2,300	18,703	0.01 %
Parking Enterprise Fund	—	1,380	21,821	—	1,380	24,581	0.01 %
Solid Waste Collection	672,751	262,251	266,279	206,016	223,070	1,630,367	0.87 %
Sanitary Sewer Utility	750,250	851,844	552,286	991,219	1,386,975	4,532,574	2.42 %
Stormwater Utility Fees	2,790,977	555,244	517,492	608,011	1,154,275	5,625,999	3.00 %
Water Utility Fund	3,279,268	1,921,318	3,651,988	2,600,349	2,806,125	14,259,048	7.61 %
Current Revenue-Utility/Enterprise	**7,762,307**	**3,616,857**	**5,030,769**	**4,448,615**	**5,594,245**	**26,452,793**	**14.11 %**
Airport Customer Facility Charge	318,000	—	—	—	—	318,000	0.17 %
Sales Tax 20%	2,806,585	857,910	630,725	856,510	763,454	5,915,184	3.15 %
Sales Tax 30%	4,170,624	3,221,899	3,371,786	3,316,471	3,388,759	17,469,539	9.32 %
SRF Bonds-Water Fund Abated	—	655,000	—	—	—	655,000	0.35 %
SRF Bonds-Sewer Fund Abated	5,170,303	4,224,310	2,871,401	4,700,000	1,296,786	18,262,800	9.74 %
GO Bonds - Solid Waste Collection	175,000	235,000	55,000	265,000	106,000	836,000	0.45 %
GO Bonds-Sales Tax 20%	1,582,154	172,302	1,092,354	1,416,620	3,194,028	7,457,458	3.98 %
GO Bonds-GDTIF	5,350,000	9,300,000	11,750,000	—	450,000	26,850,000	14.32 %
Total Construction	**19,572,666**	**18,666,421**	**19,771,266**	**10,554,601**	**9,199,027**	**77,763,981**	**41.48 %**
Community Development Funds	739,005	605,250	534,124	512,933	513,232	2,904,544	1.55 %
FAA Total	315,000	2,790,000	5,240,945	2,547,000	—	10,892,945	5.81 %

SOURCE OF FUNDS IN CAPITAL BUDGET	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PERCENT
Federal HUD Resiliency Grant	674,000	—	—	—	—	674,000	0.36 %
Federal Lead Paint Hazard Mitigation Grant	785,000	—	—	—	—	785,000	0.42 %
Federal Transit Administration	810,850	—	—	—	—	810,850	0.43 %
Federal Assistant	1,000,000	3,050,000	—	—	—	4,050,000	2.16 %
Federal--STP Funds	1,200,000	3,231,046	668,954	2,660,000	2,080,000	9,840,000	5.25 %
Total Federal	**5,523,855**	**9,676,296**	**6,444,023**	**5,719,933**	**2,593,232**	**29,957,339**	**15.98 %**
Iowa Finance Authority	141,283	141,283	141,283	141,283	141,283	706,415	0.38 %
Road Use Tax	1,230,000	105,000	504,019	—	670,000	2,509,019	1.34 %
State Flood Mitigation Grant	6,850,000	2,500,000	220,000	—	—	9,570,000	5.10 %
State Transit	—	—	18,189	—	—	18,189	0.01 %
Other State Funding- IDOT & Trails Grants	800,000	1,310,000	513,600	1,900,000	10,000	4,533,600	2.42 %
Total State	**9,021,283**	**4,056,283**	**1,397,091**	**2,041,283**	**821,283**	**17,337,223**	**9.25 %**
DRA-Gaming Receipts	295,600	152,500	205,000	242,170	309,550	1,204,820	0.64 %
DRA-Distribution of Surplus	2,596,236	2,667,668	2,262,013	1,882,806	2,061,422	11,470,145	6.12 %
Total DRA	**2,891,836**	**2,820,168**	**2,467,013**	**2,124,976**	**2,370,972**	**12,674,965**	**6.76 %**
Greater Downtown TIF Payments	2,452,369	2,357,798	2,221,000	1,599,000	1,462,000	10,092,167	5.38 %
English Ridge Housing TIF Payments	199,045	229,133	250,414	325,917	343,009	1,347,518	0.72 %
Rustic Point Housing TIF Payments	17,990	25,237	47,194	60,173	93,738	244,332	0.13 %
South Pointe Housing TIF	78,533	266,318	377,230	634,076	1,489,614	2,845,771	1.52 %
Dubuque Industrial West TIF Payments	233,500	130,465		300,000	247,000	910,965	0.49 %
North Cascade Housing TIF Payments	136,061	559,252	619,626	673,988	—	1,988,927	1.06 %
Total TIF Funds	**3,117,498**	**3,568,203**	**3,515,464**	**3,593,154**	**3,635,361**	**17,429,680**	**9.30 %**
Private Participation	596,305	82,931	84,590	86,282	88,007	938,115	0.50 %
Total Private	**596,305**	**82,931**	**84,590**	**86,282**	**88,007**	**938,115**	**0.50 %**
Homeownership Sale Proceeds	60,000	260,000	260,000	260,000	260,000	1,100,000	0.59 %
Ind. Parks Land Sales- Dubuque Industrial Center West	310,000	310,000	310,000	310,000	310,000	1,550,000	0.83 %
Total Land Sales	**370,000**	**570,000**	**570,000**	**570,000**	**570,000**	**2,650,000**	**1.41 %**
Special Assessments	187,000	30,000	92,070	30,000	774,524	1,113,594	0.59 %
Total Spec. Assessment	**187,000**	**30,000**	**92,070**	**30,000**	**774,524**	**1,113,594**	**0.59 %**
GRAND TOTAL	**49,342,750**	**43,298,159**	**39,593,286**	**29,389,844**	**25,863,651**	**187,487,690**	**100.0 %**

FISCAL YEAR 2022 - 2026 CIP BUDGET GROUPED BY STATE PROGRAMS

The Fiscal Year 2022-2026 Capital Improvement Program totals $187,487,690. The following table summarizes expenditures for each State program by year.

FISCAL YEAR 2021-2025 CIP CAPITAL IMPROVEMENT PROGRAM

PROGRAM	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	5 YEAR TOTAL	PERCENT OF TOTAL
Public Safety	1,944,027	599,318	882,967	1,720,494	3,224,028	8,370,834	4.5%
Public Works	11,147,959	11,921,843	11,820,881	11,352,231	8,588,559	54,831,473	29.2%
Culture & Recreation	1,870,485	1,361,000	7,564,112	1,349,670	1,844,565	13,989,832	7.5%
Community & Econ. Devl.	4,256,702	3,457,688	3,441,747	3,246,437	2,556,644	16,959,218	9.0%
General Government	3,026,914	1,895,780	1,272,106	1,550,185	1,180,154	8,925,139	4.8%
Business Type	27,096,663	24,062,530	14,611,473	10,170,827	8,469,701	84,411,194	45.0%
TOTAL	49,342,750	43,298,159	39,593,286	29,389,844	25,863,651	187,487,690	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, Housing: Code Inspection and Construction Services
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, AmeriCorps, Multicultural Family Center, Library, City Manager: Arts and Cultural Affairs
Community and Economic Development - Economic Development, Housing and Community Development, Planning Services, Purchase of Services, City Manager: Office of Prosperity and Neighborhood Support
General Government – Engineering: Facilities Management: City Hall/Annex Maintenance/Grand River Center Maintenance, City Council, City Manager, Public Information, Human Resources, Sustainability, City Clerk, Finance,Media Services, Legal, Information Services
Business Type – Water, Water Resource & Recovery Center, Parking, Transit, Public Works: Landfill, Refuse, Salt Operations, Engineering: Sewer, Stormwater

FISCAL YEAR 2022-2026 CIP BUDGET HIGHLIGHTS BY CITY COUNCIL GOALS & PRIORITIES
CITY COUNCIL POLICY AGENDA

The City Council Policy Agenda includes items that require major policy direction decision and/or funding. It includes the City Council's Top and High Priorities.

ROBUST LOCAL ECONOMY: DIVERSE BUSINESSES & JOBS WITH ECONOMIC PROSPERITY

Priority: Childcare Initiative: Outcomes, Role, Partners, Direction & City Actions
Priority classification: High Priority
CIP projects supporting this Priority: Childcare Assistance (p 353)

Priority: Dream Center Facilities & Programs: Additional Funding
Priority classification: Top Priority
CIP projects supporting this Priority: Downtown Urban Renewal District Non-Profit ADA Assistance (p 358), Downtown Renewal District Non-Profit Weatherization (p 360). This priority is also supported through the Proposed FY22 Operating Budget in the Economic Development department.

Priority: Fountain of Youth: Funding
Priority classification: Top Priority
CIP projects supporting this Priority: Downtown Urban Renewal District Non-Profit ADA Assistance (p 358), Downtown Renewal District Non-Profit Weatherization (p 360). This priority is also supported through the Proposed FY22 Operating Budget in the Economic Development department.

VIBRANT COMMUNITY: HEALTHY & SAFE

Priority: Equitable Fines & Fees Reform: Report, Direction & Actions
Priority classification: Top Priority
CIP projects supporting this Priority: This priority is supported through the Proposed FY22 Operating Budget in the Human Rights departments.

Priority: Equitable Poverty Prevention Plan Implementation
Priority classification: Top Priority
CIP projects supporting this Priority: This priority is supported through the Proposed FY22 Operating Budget in the City Managers Office, Human Rights, Police, and Leisure Services departments.

Priority: Food Insecurity: Report w/ Findings & Options, Direction, City Actions & Funding
Priority classification: High Priority
CIP projects supporting this Priority: (None)

LIVABLE NEIGHBORHOODS & HOUSING: GREAT PLACE TO LIVE

Priority: Quality Affordable Housing Creation: Direction & City Action
Priority classification: Top Priority
CIP projects supporting this Priority: Lead Based Paint Hazard Control (p 336), Homeowner Rehabilitation Program (p 342), Rental Dwelling Rehabilitation Programs (p 345), and Bee Branch Healthy Homes Resiliency Grant (p 346)

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

Priority: Code of Ethics
Priority classification: High Priority
CIP projects supporting this Priority: (None)

SUSTAINABLE ENVIRONMENT: PRESERVING & ENHANCING NATURAL RESOURCES

(None)

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

Priority: Four Mounds/HEART Program: Funding
Priority classification: High Priority
CIP projects supporting this Priority: Neighborhood Reinvestment Program (p 340)

DIVERSE ARTS, CULTURE, PARKS AND RECREATION EXPERIENCES & ACTIVITIES

Priority: Arts & Culture Master Plan Implementation: Update Report, Direction & Actions
Priority classification: High Priority
CIP projects supporting this Priority: This priority is supported through the Proposed FY22 Operating Budget in the Economic Development department.

Priority: Arts Operating Grants & Art on the River
Priority classification: High Priority
CIP projects supporting this Priority: This priority is supported through the Proposed FY22 Operating Budget in the Economic Development department.

Priority: Chaplain Schmitt Island Master Plan: Implementation & Phasing
Priority classification: Top Priority
CIP projects supporting this Priority: Schmitt Island Connector Trail (p 266).

CONNECTED COMMUNITY: EQUITABLE TRANSPORTATION, TECHNOLOGY, INFRASTRUCTURE & MOBILITY

(None)

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 2020 - 2022 Management Agenda. These represent short-term projects for the City Manager and City of Dubuque staff and *have previously been budgeted in Fiscal Year* 2021 *or prior.*

Robust Local Economy: Diverse Business & Jobs with Economic Prosperity

Priority: Dubuque Riverfront Master Plan (US Army Corps of Engineers)
Priority classification: Top Priority
CIP projects supporting this Priority:
This priority is addressed through the FY20 and Proposed FY21 CIPs: Riverfront Dock Expansion (p 274), Riverfront Leasehold Improvements (p 276), Riverfront Property Purchase (p 283).

Priority: Grand River Center Future Operations: RFP, Direction & Agreement
Priority classification: High Priority
CIP projects supporting this Priority: Leisure Services Conference Center improvements (p 84-104) support the operations of this facility.

Priority: Viking Cruise Destination Preparation: Direction, Actions & Funding
Priority classification: Top Priority
CIP projects supporting this Priority: Riverfront Dock Expansion (p 274)

Vibrant Community: Healthy & Safe

Priority: Community Cameras Program: Outcomes, Best Practices, Report w/ Options, Direction Funding & City Options
Priority classification: Top Priority
CIP projects supporting this Priority: Port of Dubuque - Security Camera Expansion (p 277), Street Camera Installation (p 291), Dubuque Entry Point Camera Project (p 308), 32nd and Jackson Street Signal Reconstruction and Camera Project (p 310)

Priority: COVID-19 Response: Update Report & Next Steps
Priority classification: Top Priority
CIP projects supporting this Priority: (None)

Priority: Emergency Services Youth Camp: Next Steps
Priority classification: High Priority
CIP projects supporting this Priority: This priority is addressed through the FY22 Operating Budgets in the Police and Fire departments.

Priority: School Resource Officers: Direction & Funding
Priority classification: High Priority

CIP projects supporting this Priority:
This priority is being addressed through the proposed FY22 Police Department Operating budget.

Livable Neighborhoods: Great Place to Live
(None)

Financially Responsible, High Performance City Organization: Sustainable, Equitable, and Effective Service Delivery
Priority: City Racial Equity Toolkit: Implementation
Priority classification: Top Priority
CIP projects supporting this Priority: Minority-Owned Business Microloan Initiative (p 317). This priority is also addressed through FY22 Operating Budgets in multiple departments.

Priority: Human Resource Policies & Handbook: Revision
Priority classification: High Priority
CIP projects supporting this Priority: This priority is addressed through the FY22 Operating Budget in the Human Resources and City Manager's Office departments.

Sustainable Environment: Preserving & Enhancing Natural Resources
Priority: Bee Branch Creek Project: Next Steps
Priority classification: Top Priority
CIP projects supporting this Priority: Bee Branch Interceptor Sewer Connection (p 213), Bee Branch Creek Gate & Pump Replacement (p 220), Bee Branch Creek Trail: 16th to 9th (p 267)

Partnership For A Better Dubuque: Building Our Community That Is Viable, Livable, & Equitable
(None)

Diverse Arts, Culture, Parks & Recreation Experiences & Activities
(None)

Connected Community: Equitable Transportation, Technology, Infrastructure & Mobility
Priority: Dupaco Parking Agreement: Next Steps
Priority classification: High Priority
CIP projects supporting this Priority: New Downtown Parking Ramp (p 330)

Priority: Smart Mobility: Parking Structure Improvements, Technology Purchases & Other Actions
Priority classification: High Priority
CIP projects supporting this Priority: Smart Parking System (p 331)

Priority: Traffic Signal Synchronization/STREETS Program: Update Report, Direction
Priority classification: Top Priority

CIP projects supporting this Priority: Signalization Program (286), Traffic Signal Battery Backup (p 293), STREETS Traffic Control Project (p 296), Traffic Signal Fiber Optic Network Program (p 299), Traffic Signal Vehicle Detection Conversion (p 299)

MANAGEMENT IN PROGRESS AND MAJOR PROJECTS:

The following are projects that were identified as the 2020 - 2022 Management in Progress and Major Projects by the City Council and are included in the 2022 CIP budget according to one of the Council's goals.

2020 - 2022 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 2021 and proposed FY 2022 Operating budgets unless noted for additional funding. The items are identified under their corresponding City Council Goal:

Robust Local Economy: Diverse Business & Jobs with Economic Prosperity

- Air Service Expansion
- Brownfield Grants
- Business Development at the Airport: University of Dubuque
- Federal Opportunity Zones
- Industrial Park Development: Next Steps: *McFadden Farm Water Main Improvement (p 125), Develop McFadden Property (p 318)*
- Opportunity Dubuque Job Training Program

Vibrant Community: Healthy & Safe

- 911 Staffing Changes
- CAD Connection to City Cameras Network: *Traffic Signal Fiber Optic Network Program (p 297), Fiber Optic Conduit – Miscellaneous (p 304)*
- Crescent Community Health Center: Expansion for Behavioral Health
- Crime Prevention Program
- Communication National Quality Assurance
- Dispatcher Training Program
- Equitable Community Actions Plan
- Fire Department Accreditation
- Fire Station 6 Building Safety Concerns
- Humane Society Contract Renewal
- Lead Grant Application Submittal
- Police Department Reaccreditation
- P25 Radio System Building & Implementation
- Traffic Camera Installation*: ITS Traffic Control Equipment (p 270), Traffic Signal Vehicle Detection Conversion (p 271)*
- WRRC Certification of Environmental Laboratory for Analysis of Nutrients

Livable Neighborhoods: Great Place to Live

- Code Enforcement Accela Program
- CHANGE Program: *multiple Housing department CIPs (p 334-354)*
- Downtown Commercial Buildings Project
- Imagine Dubuque Implementation

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

- 911 Communications Center: Renegotiation with Dubuque County
- ADA Compliance Transition
- Cartegraph Asset Management System Expansion
- Centralized Facility Maintenance & Management Department
- Certified Financial Report Software Conversion
- City Legislative Lobbying/Advocacy: 2021 Legislative Priorities
- City Performance Measures: Implementation
- City Staff Work from Home Options: Direction & Actions
- Citywide Departmental Work Order System Implementation
- Digital Signatures
- Financial Management Software: Study & Draft RFP
- Indirect Rate for Grants
- Internal Process for Liquor License Approval
- InVision Facility Management Software
- Mayor & City Council Appointment of New City Clerk
- Socrata Performance Dashboard Implementation

Sustainable Environment: Preserving & Enhancing Natural Resources

- 50% by 2030 Community Climate Action & Resiliency Plan: *Electric Vehicle Charging Infrastructure Located at the Municipal Services, Center (p 180), Bus DC Charging Stations (p 329), Municipal Green House Gas Inventory (p 357)*
- Emerald Ash Borer Program: *Ash Tree Removal and Tree Replacement (p 44)*
- Flood Control System: Corps of Engineers Project Approval: *Floodwall Post-Flood Repair Program (p 165)*
- FOG Program
- Growing Sustainable Communities Conference
- Landfill/Methane Gas: Implementation
- Lead & Copper Rule Compliance Water Sampling & Testing
- Pollinator Habitat in Park System
- Public Education on Bikeable/Walkable Dubuque
- Sanitary Sewer System Condition Assessment
- Sewer Infrastructure Asset Management Plan
- WRRC: Nutrient Trading & Funding

Partnership For A Better Dubuque: Building Our Community That Is Viable, Livable, & Equitable

- Grade Level Reading Strategy (Americorps)
- Civic Action Plan & Civic Leaders Program
- My Brother's Keeper: College Access Work Group
- Race in the Heartland Support
- Welcoming & Connecting with New Residents Program (GDDC)

Diverse Arts, Culture, Parks, and Recreation Experiences and Activities

- Americorps Potential Expansion Area
- Changing Lives Through Literature Program
- EB Lyons Center Partnership Development
- Library Marketing Campaign
- Leisure Services Registration System

Connected Community: Equitable Transportation, Technology, Infrastructure & Mobility

- Comprehensive Pavement Preservation Plan
- Complete Streets Policy Implementation: Data Collection & Update Report: *Complete Streets Elements (p 262)*
- Community Broadband Services Enhancements: *Neighborhood Broadband (p 352) Broadband Acceleration and Universal Access (p 306)*
- Downtown Parking Ordinance
- Parking Ramps Structural Analysis: Parking *Ramp Condition Assess and Maintenance Plan (p 328)*
- Smart Tool for Integrated Parking Platform: *Smart Parking System (p 331)*
- Street Maintenance Program: Increase Funding: *Concrete Street Section Repair Program (p 170), Street Construction General Repairs(p 237)*
- Public Transportation Customer App
- WiFi in Fixed Routes
- WiFi in Intermodal & Intermodal Lobby

<u>Major Projects</u>

Major Projects are projects that are underway and budgeted. Staff is implementing and providing updates to City Council. These items are included in the existing FY 2021 and proposed FY 2022 Operating budgets unless noted for additional funding. The items are identified under their corresponding City Council Goal:

Robust Local Economy: Diverse Business & Jobs with Economic Prosperity

(None)

Vibrant Community: Healthy & Safe

- Crescent Community Health Center: Clinic
- Fire Headquarters and Stations ADA Compliance

- Fire Station HVAC and Lighting Improvements: *HVAC Replacement at Fire Headquarters 11 West 9th Street (p 2), Implement Mechanical & Electrical System Design Study Recommendations (p 5)*
- Multicultural Family Center Construction & Equipping

Livable Neighborhoods: Great Place to Live

- Historic Millwork District Parking Lot and Signage
- Lowell Street Retaining Wall Repair: Funding: *Lowell Street Retaining Wall (p 260)*

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

- City Hall Annex Windows Replacement

Sustainable Environment: Preserving & Enhancing Natural Resources

- 17th St/W Locust HUD Resiliency Storm Sewer Improvement Project
- Fire Hydrants Installation [former Vernon Water System]

Partnership For A Better Dubuque: Building Our Community That Is Viable, Livable, & Equitable

(None)

Diverse Arts, Culture, Parks and Recreation Experiences and Activities

- Bunker Hill Golf Course Irrigation
- Comiskey Park Renovation
- Eagle Point Park Environmental Restoration Project
- Eagle Valley Subdivision Park
- English Ridge Subdivision Park: FY21 CIP - *Eagle Valley Park Development (p 12)*
- Grand River Center: Upgrade Projects: *Conference Center CIPS (p 78-95)*
- Veterans Memorial Plaza Dedication

Connected Community: Equitable Transportation, Technology, Infrastructure & Mobility

- Chavanelle Road Hike/Bike Trail
- Chavenelle Road Rehabilitation
- Four-laning SW Arterial
- Highway 52 Repaving
- North Cascade Reconstruction: *North Cascade Road Reconstruction (p 243)*
- Northwest Arterial Upgrade: NW *Arterial Detention Basin Improvements (p 230)*
- Roundabouts [3]: *East-West Corridor Capacity Improvements (p 238)*
- Washington Street Improvements (7th to 9th)

Attachment 4

Source of Funds and Important Details

The Fiscal Year 2022-2026 CIP presents a financial plan that reflects a $280,730 general fund property tax levy supported annual debt service for the FY 2010 purchase of a replacement pumper truck ($1,035,000) and the FY 2016 franchise fee litigation settlement judgment bond ($2,800,000). No other borrowings included in the Fiscal Year 2022-2026 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 and expand the City's aging infrastructure, comply with the National Pollution Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit, and implement the various elements of the 2001 Drainage Basin Master Plan (amended in 2013), which outlined improvements in both the Catfish Creek and Bee Branch watersheds. The City has been able to garner support from local, state, and federal partners with over $163 million in outside funding to help offset the cost of the overall $232 million project. Since 2001, the City has made steady progress on the various phases of the project.

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.

In October of 2016, the City Council adopted Resolution 362-16. It 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 was also to 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 which was accomplished by the end of FY2020. Finally, in order to receive and utilize the funding, the City must construct all the improvements by September 30, 2021.

In April of 2020 an additional $1.77 million was made available bringing the total available for infrastructure improvements to $24.87 million. 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 order to ensure that the improvements related to the grant are completed by the deadline, 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	Under Construction
North End Storm Sewers	2017	2028-2030	
22nd Street Storm Sewer	2017	2017-2021	Complete from Elm to N. Main
Flood Mitigation Maintenance Facility	2015-2017	2024-2027	Site Clean Up
17th Street Storm Sewer	2019-2021	2018-2021	Complete from Elm to Heeb
Water Plant Flood Protection	2022-2023	2029-2030	
Pervious Pavement Systems (Green Alleys)	2023-2040	2015-2040	80 of 240 Complete

***In order to secure $2.5 million in grant funding from the U.S. Economic Development Administration, the Flood Gates were delayed from FY 2017**

The adopted Fiscal Year 2022-2026 Capital Improvement Program Budget includes $14,900,000 for the Flood Mitigation Gate & Pump Replacement as part of the Bee Branch Creek Restoration Project (Phase 5 of the Bee Branch Watershed Flood Mitigation Project).

The adopted Fiscal Year 2022-2026 Capital Improvement Program Budget includes $240,000 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).

For the fifteenth consecutive year, starting in Fiscal Year 2007, the Stormwater Fund is recommended to be fully funded by stormwater user fees. The General Fund will continue to provide funding that provides 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 2022 Stormwater User Fee is proposed to increase from $8.29 per SFU to $8.85 per SFU, a 1.63% 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
Adopted Per Ordinance 21-20	$—	$—	$—	$—	$—	$8.29	$8.29
Proposed for FY22	$—	$—	$—	$—	$—	$—	$8.85
% Decrease From Ordinance 21-12	-24.94%	-24.33%	-19.22%	-13.78%	-7.89%	-7.89%	-1.67%

* 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. Ordinance 21-20 was adopted in response to the COVID-19 pandemic.

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 2021 is $550,000. The Fiscal Year 2022-2026 CIP anticipates $3,279,268 in Fiscal Year 2022, $1,921,318 in Fiscal Year 2023, $3,651,988 in Fiscal Year 2024, $2,600,349 in Fiscal Year 2025, and $2,806,125 in Fiscal Year 2026.

Water State Revolving Fund Loans will be used to finance sewer projects in FY 2022-2026 as follows: $0 FY 2022; $655,000 FY 2023; $0 FY 2024; $0 FY 2025; and $0 FY 2026. The debt service related to the total $655,000 State Revolving Fund Loans over the 5-years will be paid from water fees and offset by reduced payments to Depreciation (Construction Fund). The State Revolving Fund Loans support the Southwest Arterial Water Main Extension.

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 2022, the Water Fund will only support 2.96%% of administrative overhead.

The water fees in FY 2022 are recommended to increase 3.0%; 3.0% 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 2021 was $900,000. The Fiscal Year 2022-2026 CIP anticipates $750,250 in Fiscal Year 2022, $851,844 in Fiscal Year 2023, $552,286 in Fiscal Year 2024, $991,219 in Fiscal Year 2025 and $1,386,975 in Fiscal Year 2026.

Sanitary Sewer State Revolving Fund Loans will be used to finance sewer projects in FY 2022-2026 as follows: $5,170,303 FY 2022; $4,224,310 FY 2023; $2,871,401 FY 2024; $4,700,000 FY 2025; and $1,296,786 FY 2026. The debt service related to the total $18,262,800 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 Asset Management Plan, Sanitary Sewer Extension to Existing Developments, Cedar and Terminal Mains and Lift, Final Clarifier, and High Strength Storage.

The sewer fees in FY 2022 are recommended to increase 3.0%; 3.0% 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 2022, the Sanitary Sewer Fund will support 18.50% 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 $19.45 million Greater Downtown TIF borrowing is anticipated in FY 2022-2026 for additional downtown parking ramp and other downtown projects. 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: $4,050,000 in FY 2022; $9,300,000 in FY 2023; $6,000,000 in FY 2024; $0 in FY 2025; and $100,000 in FY 2026.

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 2022, the Parking Fund will support 1.85% 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 2021 was $325,000 and will be $325,000 in FY 2022, $262,251 in FY 2023; $266,279 in FY 2024; $206,016 in FY 2025; and $223,070 in FY 2026.

The Solid Waste Collection will support solid waste related debt for solid waste collection vehicles as follows: $175,000 in FY 2022; $235,000 in FY 2023; $55,000 in FY 2024; $265,000 in FY 2025 ; $106,000 in FY 2026.

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 2022, the Solid Waste Fund will support 17.44% of the administrative overhead.

The solid waste collection fees in FY 2022 are recommended to increase 2.60%.

GENERAL FUND

The current revenue amount of $1,170,000 (0.62% of CIP Total) during the five-year period represents $55,000 in golf funds for improvements to the Bunker Hill Golf Course, $35,000 in Historic Preservation Loan repayments, $150,000 in Rental Dwelling Rehab Repayments, $595,000 in Greater Downtown Loan Pool Repayments, $200,000 in Washington Neighborhood Loan Repayments, $115,000 in insurance and other reimbursements, $0 in Dubuque County reimbursement, and $20,000 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 $5,915,184 and represents 3.15% 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 $17,469,539, or 9.32% of the total CIP.

GAMING

DRA payments represent 0% in FY 2022 of the projected gaming taxes, rent, and admissions from the race track, slots and riverboat operations ($1,204,820 or 0.64% 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 ($11,470,145 or 6.12% of the total CIP) are discounted consistent with the adopted budget guidelines by 5% in FY 2024, 10% in FY 2025 and 15% in FY 2026.

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 2026 have been reduced $27.2 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 2019, gross gaming revenues were down .11% for the DRA and the Diamond Jo is up 2.27%. Overall, the Dubuque gaming market is up 1.27%. The DRA showed increases in hotel room revenue, food and beverage sales and entertainment ticket sales.

The Iowa Legislature passed Sports Betting Legislation in June 2019. DRA started Retail (On-Site) on August 27, 2019 with Mobile Wagering starting on November 12, 2019. Diamond Jo Casino started Sports Betting Retail in September 2019 and is working to start mobile wagering in early 2020. DRA had $470,000 in Sports Book revenue during 2019. With an amended lease, the City will begin receiving 0.5% of the handle from Sports Betting in FY 2021.

FEDERAL FUNDING

Community Development Block Grant (CDBG)
The Fiscal year 2022-2026 CIP anticipates that Community Development Block Grant (CDBG) funds will be $739,005 in FY 2022; $605,250 in 2023; $534,124 in FY 2024; $512,933 in FY 2025; and $513,232 in FY 2026 (1.55% of the total CIP). CDBG is budgeted at the same funding level as FY 2021.

Federal Aviation Administration (FAA)
The FAA funding of $10,892,945 (5.81% of the total CIP) provides 90 percent match on most airfield related improvements. The Fiscal Year 2022-2026 budget includes reconstruct taxiway A and a Pavement Condition Study.

Federal Transit Administration (FTA)
The FTA funding of $810,850 (0.43% of the total CIP) provides for Transit Vehicle Replacement.

Federal Lead Paint Hazard Mitigation Grant (0.42% of Total CIP)
Federal funds for the Lead Paint Hazard Mitigation program awarded in FY 2019 with funding budgeted as follows: $785,000 in FY 2022.

Federal HUD Resiliency Grant (0.36% of Total CIP)
The U.S. Department of Housing and Urban Development (HUD) has awarded the City of Dubuque $33.27 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 $24.87 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 $2,509,019 (1.34% 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 $38,361,190 for FY 2022-2026.

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, $9,570,000 of sales tax increment revenue will fund pay-as-you-go projects related to the Bee Branch Watershed project.

Other State Grants (2.42% of Total CIP)
State funding includes Iowa Department of Transportation Funding for street projects and trails and Historic Preservation Surveys and Regulations of $4,533,600 are anticipated over the five-year program.

State transit funding includes $18,189 over the five-year program for 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 2022-2026 CIP includes $310,000 Fiscal Year 2022 to provide funding for the new campaign by the Greater Dubuque Development Corporation to improve the economy in Dubuque. Fiscal Year 2022 includes $233,500 for Development of McFadden Farm. Fiscal Year 2023 includes $130,465 for Industrial Center Signs. Fiscal Year 2025 includes $280,000 for Sieppel Road Extension. $50,000 is included between fiscal years 2025 and 2026 for Industrial Center Native Plantings.

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 approved the expansion of the Dubuque Police Department School Resource Officer Program. To spread the expenses over time, three SRO's were to have been added over three consecutive years: Fiscal Year 2020, Fiscal Year 2021, and Fiscal Year 2022 budget. However, the expansion was frozen in FY21 due to the pandemic causing the final position to be added in FY23 instead of FY22 as originally planned. Even with the frozen position, the Dubuque Community School District (DCSD) will still gradually pay 50% of the salary of the existing SRO Lieutenant, and the DARE Officer. This DCSD payment will be implemented in increments of 45% of 50% reimbursement in year 1, or Fiscal Year 20, 75% of 50% reimbursement in year 2, or Fiscal Year 21, and 100% of 50% reimbursement in year 3, or Fiscal Year 22.
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Fire Station and Additional Firefighters
An additional west end fire station is currently projected to be designed in FY 2025, 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. The position that was to be added in FY2022 has been delayed. In FY2023 and beyond one employee would be added each year until a total of 12 positions is reached. This is a change from the previous plan which proposed adding firefighter positions on a more accelerated schedule. 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 FY2025.

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 2022-2026 CIP:

Jackson Park Amenities (page 37) – This project ($60,000) provides funding for the improvement of amenities in Jackson park.

Washington Community Gateway (page 52) - This project ($105,000) provides for developing the vacant lot at 1401 Elm Street as a Washington Community Gateway.

Civic Center Arena Roof Air Conditioner Replacement (page 55) - This project ($100,000) provides for emergency repairs to the arena air conditioning units (Roof Top Units 1-7 and 9). The air conditioning units were installed in 2005 and have a life span of fifteen years. The

units are currently having issues with repair costs mounting. Replacement of the units is budgeted in the Five Flags Building Improvements CIP in FY2024.

Port of Dubuque Welcome Sign (page 78) - This project ($30,000) provides for the design, development, and installation of an 8 foot by 200 foot "Welcome to Dubuque" sign located on the flood wall near the Ice Harbor flood gates. There is currently no signage along the river to let patrons know that they have either arrived or are passing by Dubuque. Such a sign on the wall would not only be a welcoming visual for those visiting on cruise ships or other vessels but can create awareness on the river that this is an area they may approach in order to visit the City. This sign could also indirectly filter boat traffic into the Port of Dubuque Marina to dock and/or fuel. Included in this CIP would be the purchase and installation of solar lighting with a 5-year replacement cost of $3,500.

Grand River Center Replace Carpet (page 85) - This project ($250,000) provides for the replacement of carpeting at the Grand River Center.

Grand River Center Market Study and Facility Assessment (page 91) - This project ($65,000) provides for a facility assessment and market study in preparation of the Grand River Center's first twenty years.

Grand River Center Roof Restoration (page 95) - This project ($350,000) provides for restoration of the roof on the Grand River Center. The roof was installed in 2002 and restoration is critical to prevent expensive damage if the roof begins leaking.

7th Street Extension to Pine Street (page 242) - This project ($67,500) 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. The FY21 programmed funding would allow for staff to work with Alliant Energy to evaluate alternatives, and if viable, prepare a feasibility study and perform an environmental assessment of potential site development. The FY22 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.

14th Overpass Design (page 263) - This project ($727,000) provides for the construction of a Complete Streets railroad overpass along the 14th Street corridor connecting Washington Avenue and Cedar Street, which will provide automobiles, pedestrians and bikers with unimpeded access to the Kerper Industrial Park, Dove Harbor Industrial Area, redeveloped 16th Street corridor, tourism and recreational amenities on Chaplain Schmidt Island, and U.S. Route 61/151 into Wisconsin.

Central Avenue Streetscape Design 1-way to 2-way (page 265) - This project ($400,000) provides engineering design funds to design the improvements outlined in the Central Avenue Master Plan yet to be adopted by the City Council. The master plan calls for pedestrian improvements on Central Avenue from 11th to 21st Streets. Work includes new sidewalks, street lighting, transit stops and a key feature at 18th and Central.

Federal Building Renovation (page 271) - This project ($669,300) provides funding in FY 2022: $95,000 is budgeted for an ASHRAE Level 1 & 2 Energy Assessment. 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.

Additional funding in FY23 is being budgeted to address known long term building operations and maintenance requirements which include $55,000 for tuck pointing and waterproofing of the building window wells, and $30,000 to tuck point the front steps and replace rusting hand rails and $5,000 is budgeted for improvements to the public way finding signs for the building, $220,000 is budgeted for structural repairs to the loading dock and leaking building foundation, $227,800 for a Level 3 ASHRAE Level 3 Energy Assessment allows for complex HVAC system upgrade alternative analysis, return on investment and construction cost estimating.

South Port Redevelopment Concept Plan (page 273) - This project ($73,000) provides for the creation of a clear and consolidated redevelopment vision for the South Port where all existing property owners entering into a partnering agreement thus providing prospective developers a high level of assurance that all key players are in agreement and on-board with proceeding with a proposed redevelopment concept.

Riverfront Dock Expansion (page 274) - This project ($550,000) provides for expansion of 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. This project will be funded with Greater Downtown TIF G.O. Bond funds.

Riverfront Leasehold Improvements (page 276) - This project ($265,00) provides funding in FY22 to provide for the removal of the 1st Street Rail Spur in support of the South Port redevelopment plan ($85,000) along with deconstruction of the former Dodd's Terminal building foundation also in the South Port ($130,000). Clearing this site of the existing outdated and obsolete structure will help to prepare the site for redevelopment. Funding in FY 22 ($50,000) is also included to support the creation of marketing information that allows the city to evaluate redevelopment options and attract potential developers for its industrial sites on 7th street and along Dove Harbor, as well as commercial and industrial sites along Kerper Blvd near Peosta Channel. The leases on these properties will be expiring, and while industrial use is likely the highest and best use of these parcels, the city should look at the possibilities for other redevelopment types, especially with the Alliant Energy power plant now being decommissioned. This work will also support the City's effort accelerate opportunity zone redevelopment.

Riverfront Property Purchase (page 283) - This project ($750,000) provides funding for purchasing property along or adjacent to Dubuque's riverfront. This project will be funded with Greater Downtown TIF G.O. Bond funds.

Blum Site Utilization (page 284) - This project ($93,000) provides planning for a series of outdoor family orientated recreational amenities, formal recreation programming for both youths and adults, and public indoor spaces where neighbors can come together, get to know one and other and enjoy each other's company.

Greater Downtown Street Lights (page 285) - This project ($333,400) provides funding for replacement of the existing 30-foot white streetlights located in downtown Dubuque. Currently, there are approximately 60 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. This program would promote the use of high efficiently, long life LED street lighting throughout the City of Dubuque which saves energy and operating expenses.

Downtown Security Camera Program (page 291) - This project ($165,573) provides equipment, installation, and software licenses for the placement of fixed cameras ($2,500 each) installed near roadways, alleys, and signalized intersections in Downtown Dubuque.

Greater Downtown Urban Renewal Incentive & Rehabilitation Program (page 311) - This program ($1,590,000) provides grants for rehabilitation and adaptive reuse of buildings in the Greater Downtown Urban Renewal District. Tax increment proceeds are used to capitalize the pool of funds for these grant. The program provides grants up to $10,000 for each new housing unit created in the District. The program creates affordable, quality rental housing units for our workforce.

Washington Neighborhood Facade Program (page 314) - This program ($525,000) provides 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 315) – This program ($595,000) 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 inquires 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.

Minority-Owned Business Microloan Initiative (page 316) - This project ($100,000) provides loan loss reserve and/or interest rate “buy down” for eligible minority business owners/entrepreneurs seeking a microloan from Iowa Microloan, a 501(c)3 that provides loans of $5,000 to $50,000 to small businesses in Iowa having difficulty obtaining a loan from a traditional lender. With approximately $50,000 in local funding to provide loan loss reserve and interest rate buy down funds, the City will be able to leverage $200,000 in loan funds for local entrepreneurs/small business owners.

Downtown Rehabilitation Loan Program (page 318) - This project ($300,000) provides low-interest loans for the rehabilitation and adaptive reuse of buildings in the Greater Downtown Urban Renewal District. Tax increment proceeds and loan repayments are used to capitalize the pool of funds for these loans. The program has been popular, with 19 loans provided since 1996 and additional loans that have been committed but have yet to be disbursed.

Central Avenue Streetscape Master Plan Implementation (page 319) - This project ($175,000) 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.

Parking Ramp Condition Assessment and Maintenance Plan (page 328) - This project ($208,000) provides for completing a structural condition assessment and preventative maintenance plan by a licensed professional engineer for each parking structure that the city owns.

Bus DC Charging Stations (page 328) - This project ($194,000) provides advances for the City's public/private partnership with Alliant Energy and helps achieve the City's greenhouse gas reduction plan established by the recent Climate Action Plan Update by installing several solar-powered fast charge DC charging stations at the Jule Operating and Training Center.

New Downtown Parking Ramp (329) - This project ($19,128,000) funds the construction of a new downtown parking structure. The final site location will be selected based on best serving upcoming, mixed-use redevelopment in the Historic Millwork District and downtown Main Street areas. The project schedule requires the parking structure to be functional by December 2023. This project will be funded with Greater Downtown TIF G.O. Bond funds.

Smart Parking System (page 330) - This project ($1,536,000) provides funds in Fiscal Year 2022 for the replacement of gate equipment in three parking garages where the existing equipment has reached the end of service life and needs to be replaced in the short term to maintain reliability and data security. Fiscal Year 2022 also funds the installation of head end equipment that will form the backbone of a phased installation of smart parking technology eventually to be deployed at all parking garages and public parking lots in Dubuque over the next several years. A smart parking system will provide parking customers with on-demand space availability and thus maximize traveler convenience, reduce travel time and reduce congestion in the downtown area.

Municipal Parking Lot Maintenance (page 331) - This project ($64,000) provides for the maintaining the surface of 14 off-street municipal parking lots. This project also includes signage, landscaping, and screening improvements to surface lots.

Washington Neighborhood Home Purchase Program (page 340) - 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.

Downtown Urban Renewal Area Non-Profit Weatherization Improvements Assistance (page 357) - 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.

Downtown ADA Assistance Program (page 361) - This project ($150,000) 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.

General Ledger Software (page 362) - This project ($46,394) provides or a major upgrade to the financial and utility billing software systems.

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 38.1% 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 38.1%. 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 333) - This project ($1,287,972) 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.

Neighborhood Reinvestment Partnership (page 339) - This project ($700,955) provides funding to achieve the goal of promoting a broader income mix of downtown homeowners. This Program also provides for acquisition activities where the City 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%. It is anticipated that the City will acquire, renovate and sell for long-term homeownership 25 residential properties over the next 5-7 years with an estimated $30,000 construction subsidy per property.

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 38.1% 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 38.1%. 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 333) - This project ($1,148,473) 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.

Neighborhood Reinvestment Partnership (page 339) - This project ($199,045) provides funding to achieve the goal of promoting a broader income mix of downtown homeowners. This Program also provides for acquisition activities where the City 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%. It is anticipated that the City will acquire, renovate and sell for long-term homeownership 25 residential properties over the next 5-7 years with an estimated $30,000 construction subsidy per property.

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 38.1% 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 38.1%. 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 304) - This project ($1,645,771) 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 38.1% 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 38.1%. 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 304) - This project ($244,332) 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 (0.50% 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; Viking Cruises contribution for the Riverfront Dock Expansion ($500,000); and Lead Based Paint Hazard Control education and training fees ($15,000).

Special Assessments (0.59% of Total CIP)
Special Assessments represent that portion of street and sanitary sewer improvement projects anticipated to be assessed to benefiting property owners. The $1,113,594 amount breaks down: (a) $174,524 for sanitary sewer special assessments, (b) $160,000 for sidewalk lien special assessments, and (c) $779,070 for street reconstruction assessments.

Cable TV (0.01% of Total CIP)
It is anticipated that Cable TV funds will be used in the five-year CIP of $20,800 for computer replacements.

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FIRE DEPARTMENT									
Public Safety									
	Ladder Truck & Pumper Replacement	G.O. Debt (Sales Tax Fund 20%), Sales Tax Fund (20%)	$ 1,682,154	$ —	$ 425,460	$ 483,000	$ —	$ 2,590,614	1
	HVAC Replacement at Fire Headquarters 11 West 9th Street	G.O. Debt (Sales Tax Fund 20%)	$ 81,600	$ 172,302	$ 351,497	$ —	$ —	$ 605,399	2
	Outdoor Warning Siren Repair/Replace	DRA Distribution, Sales Tax Fund (20%)	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ 200,000	3
	Fire Station Exhaust Systems	DRA Gaming	$ 30,600	$ —	$ —	$ —	$ —	$ 30,600	4
	Implement Mechanical & Electrical System Design Study Recommendations	Sales Tax Fund (20%)	$ 26,010	$ 26,010	$ 26,010	$ 26,010	$ —	$ 104,040	5
	Ambulance Replacement	DRA Distribution	$ —	$ 280,206	$ —	$ 309,364	$ —	$ 589,570	6
	Fire Station Expansion/Relocation	G.O. Debt (Sales Tax Fund 20%), Sales Tax Fund 20%	$ —	$ 40,800	$ —	$ 822,120	$ 3,194,028	$ 4,056,948	7
	Station 5 Bathroom Remodel	Sales Tax Fund (20%)	$ 15,300	$ —	$ —	$ —	$ —	$ 15,300	9
	Building Maintenance at Fire Station 3	Sales Tax Fund (20%)	$ 28,363	$ —	$ —	$ —	$ —	$ 28,363	10
LEISURE SERVICES									
PARK DIVISION									
Culture and Recreation									
	Park Development								
	Pebble Cove Park Development	DRA Distribution	$ —	$ —	$ 214,000	$ —	$ —	$ 214,000	11
	North Fork Trail Park Development	DRA Distribution	$ —	$ —	$ 214,000	$ —	$ —	$ 214,000	12
	Roosevelt Park Redevelopment	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 35,000	$ 35,000	13
	All Parks								
	All Parks - Cameras Code Blue Phones	DRA Distribution, Sales Tax Fund (20%)	$ 30,811	$ —	$ 32,000	$ 32,000	$ —	$ 94,811	14
	All Parks - Paint Light Poles	DRA Gaming	$ —	$ —	$ —	$ 15,000	$ 15,000	$ 30,000	15
	All Parks - Replacement Security Lights	DRA Distribution, DRA Gaming	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ —	$ 20,000	16
	All Parks - Renovate Water Systems	DRA Distribution, Sales Tax Fund (20%)	$ 7,000	$ 20,000	$ 25,000	$ 25,000	$ —	$ 77,000	17
	Eagle Point Park								
	Building & Structures Assessment	DRA Distribution	$ —	$ —	$ —	$ 5,000	$ —	$ 5,000	18
	Concrete Improvements	DRA Distribution	$ 60,000	$ —	$ 30,000	$ 30,000	$ —	$ 120,000	19
	Stone Work	DRA Distribution	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ 200,000	20

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LEISURE SERVICES									
PARK DIVISION									
Culture and Recreation									
	Renovate Log Cabin Pavilion	DRA Distribution	$ 71,000	$ 40,000	$ —	$ —	$ —	$ 111,000	21
	Renovate Shiras Memorial Pavilion	DRA Gaming, Sales Tax Fund (20%)	$ —	$ —	$ —	$ 55,000	$ —	$ 55,000	22
	Replace Water Lines	DRA Distribution, DRA Gaming	$ 48,782	$ 160,000	$ 50,000	$ —	$ —	$ 258,782	23
	Replace Roof on Eagles View Pavilion	DRA Gaming, Sales Tax Fund (20%)	$ —	$ —	$ —	$ 45,000	$ —	$ 45,000	24
	Replace Roof on Terrace Room	DRA Distribution	$ —	$ —	$ 24,000	$ —	$ —	$ 24,000	25
	Rest Room Renovation	DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ 40,000	26
	Riverfront Pavilion Restoration	DRA Distribution	$ 5,000	$ —	$ —	$ 89,000	$ —	$ 94,000	27
	Street Light Replacement	DRA Distribution, Sales Tax Fund (20%)	$ 20,000	$ 20,000	$ —	$ —	$ —	$ 40,000	28
	Flora Park								
	Pave Wilbright, Pool, Tennis Court, and Slattery Center Parking Lots	Sales Tax Fund (20%)	$ —	$ 25,000	$ —	$ 36,000	$ —	$ 61,000	29
	Replace Lights on Tennis Courts	DRA Distribution	$ —	$ —	$ —	$ 102,000	$ —	$ 102,000	30
	Forestry Building								
	Forestry-Replace Roof	DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ 40,000	31
	Four Mounds								
	Four Mounds Parking Improvements	DRA Distribution	$ 70,000	$ —	$ —	$ —	$ —	$ 70,000	32
	Gay Park								
	Gay Park-Replace Play Unit	DRA Gaming	$ —	$ —	$ 90,000	$ —	$ —	$ 90,000	33
	Ham House								
	Ham House-Replace Roof	DRA Distribution	$ —	$ 145,000	$ —	$ —	$ —	$ 145,000	34
	Ham House-Exterior & Landscape Improvements	DRA Distribution	$ 47,634	$ —	$ —	$ —	$ —	$ 47,634	35
	Hilltop Park								
	Hilltop Park-Replace Play Unit	Sales Tax Fund (20%), DRA Distribution	$ —	$ —	$ —	$ —	$ 68,615	$ 68,615	36
	Jackson Park								
	Jackson Park-Amenities Improvement	Greater Downtown TIF	$ 60,000	$ —	$ —	$ —	$ —	$ 60,000	37
	Madison Park								
	Madison Park-Replace Play Unit	DRA Gaming	$ —	$ 82,500	$ —	$ —	$ —	$ 82,500	38

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LEISURE SERVICES									
PARK DIVISION									
Culture and Recreation									
	Marshall Park								
	Marshall-Replace Play Unit	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000	39
	Miller Riverview Park								
	Miller Riverview Park - Quick Connects for Pedestals	DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ 40,000	40
	Murphy Park								
	Murphy - Replace Water Lines	DRA Distribution, Sales Tax Fund)20%)	$ 10,000	$ 100,000	$ —	$ —	$ —	$ 110,000	41
	Murphy - Replace Roof on Rest Room Building by the Tennis Courts	DRA Distribution	$ —	$ —	$ 15,000	$ —	$ —	$ 15,000	42
	Storybook Zoo								
	Storybook Zoo Playground Replacement	DRA Distribution	$ —	$ 110,000	$ —	$ —	$ —	$ 110,000	43
	General Park Maintenance								
	Ash Tree Removal and Tree Replacement	Sales Tax Fund (20%), DRA Distribution	$ 275,000	$ 275,000	$ 375,000	$ 175,000	$ 125,000	$ 1,225,000	44
	Ecological Restoration	DRA Distribution	$ —	$ —	$ —	$ —	$ 20,000	$ 20,000	45
	Street Tree Program	Sales Tax Fund (20%)	$ 30,115	$ 33,500	$ 30,112	$ 50,000	$ 100,000	$ 243,727	46
	Retaining Walls	DRA Distribution, Sales Tax Fund (20%)	$ 5,000	$ 10,000	$ 5,000	$ 25,000	$ —	$ 45,000	47
	Highway 20 Irrigation	DRA Distribution	$ —	$ —	$ 25,000	$ —	$ —	$ 25,000	48
	Highway 20-Replace Roses	DRA Gaming	$ —	$ —	$ —	$ 100,000	$ —	$ 100,000	49
	Resurface Tennis Courts	Sales Tax Fund (20%)	$ —	$ —	$ —	$ 40,000	$ —	$ 40,000	50
	Industrial Center Native Plantings	DICW TIF	$ —	$ —	$ —	$ 20,000	$ 30,000	$ 50,000	51
	Washington Community Gateway	Greater Downtown TIF	$ —	$ —	$ —	$ 15,000	$ 90,000	$ 105,000	52
	Maintenance Headquarters Wash Bay	DRA Distribution	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000	53
	Paint Railings	Sales Tax Fund (20%)	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000	54
LEISURE SERVICES									
CIVIC CENTER DIVISION									
Culture and Recreation									
	Arena Air Conditioner Replacement	Greater Downtown TIF	$ 100,000	$ —	$ —	$ —	$ —	$ 100,000	55

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LEISURE SERVICES									
CIVIC CENTER DIVISION									
Culture and Recreation									
	Five Flags Building Improvements	GDTIF G.O. Debt, Greater Downtown TIF	$ —	$ —	$ 6,000,000	$ —	$ —	$ 6,000,000	56
	Arena-Reseal Ballroom Floor	DRA Gaming	$ —	$ —	$ —	$ —	$ 26,500	$ 26,500	57
	Arena-Paint Exterior Steel Siding	DRA Gaming	$ —	$ —	$ —	$ —	$ 103,000	$ 103,000	58
	Theater - Dressing Rooms Remodel	DRA Gaming	$ —	$ —	$ —	$ —	$ 54,050	$ 54,050	59
	Concessions - Gates A & C Remodel	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 114,100	$ 114,100	60
	Arena-Masking Equipment	DRA Distribution	$ —	$ —	$ —	$ —	$ 41,000	$ 41,000	61
	Theater Install Orchestra Pit Lift	DRA Distribution	$ —	$ —	$ —	$ —	$ 256,000	$ 256,000	62
	Arena - Stage Replacement	DRA Distribution	$ —	$ —	$ —	$ —	$ 255,000	$ 255,000	63
	Theater - Carpet	DRA Distribution	$ 70,000	$ —	$ —	$ —	$ —	$ 70,000	64
	Arena - Locker/Shower Facilities	DRA Distribution	$ —	$ —	$ —	$ —	$ 16,300	$ 16,300	65
LEISURE SERVICES									
RECREATION DIVISION									
Culture and Recreation									
	Swimming Pools								
	Flora and Sutton Pools Annual Maintenance	DRA Distribution	$ 30,000	$ 135,000	$ —	$ —	$ —	$ 165,000	66
	Flora & Sutton Filter Tank Replacement	DRA Distribution	$ —	$ —	$ 200,000	$ —	$ —	$ 200,000	67
	Flora - Water Playground	DRA Distribution	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000	68
	Bunker Hill Golf Course								
	Bunker Hill-Construct Cart Paths	Golf Fees	$ 10,000	$ —	$ —	$ 10,000	$ —	$ 20,000	69
	Bunker Hill-Tee Improvements	Golf Fees	$ 10,000	$ —	$ 10,000	$ —	$ —	$ 20,000	70
	Bunker Hill Range Project	DRA Gaming	$ —	$ —	$ —	$ 72,170	$ —	$ 72,170	71
	Bunker Hill-Material Storage Reno	Golf Fees	$ —	$ —	$ —	$ —	$ 15,000	$ 15,000	72
	Bunker Hill- Basement/Foundation Repair	Sales Tax Fund (20%)	$ 30,000	$ —	$ —	$ —	$ —	$ 30,000	73
	Multicultural Family Center								
	MFC - Rooftop Equipment	Sales Tax Fund (20%)	$ 35,200	$ —	$ —	$ —	$ —	$ 35,200	74
	MFC - Security Cameras	Sales Tax Fund (20%)	$ 35,000	$ —	$ —	$ —	$ —	$ 35,000	75

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LEISURE SERVICES									
RECREATION DIVISION									
Culture and Recreation									
	Port of Dubuque								
	POD - Signage Replacement	DRA Gaming	$ —	$ —	$ 10,000	$ —	$ —	$ 10,000	76
	POD - Dock Maintenance	DRA Distribution	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ 30,000	77
	POD - Welcome Sign	Greater Downtown TIF	$ —	$ —	$ —	$ —	$ 30,000	$ 30,000	78
	General Recreation								
	LS Facility/Deferred Maintenance Assessment	DRA Gaming	$ 90,000	$ —	$ —	$ —	$ —	$ 90,000	79
	Quality of Life Needs Assessment	DRA Distribution	$ 40,000	$ —	$ —	$ —	$ —	$ 40,000	80
	EB Lyons - Slope Stabilization	DRA Distribution	$ 49,500	$ —	$ —	$ —	$ —	$ 49,500	81
	Mystique Community Ice Center Settling Remediation	Sales Tax Fund (20%)	$ 500,000	$ —	$ —	$ —	$ —	$ 500,000	82
	Low/Mod Income Park Improvements	CDBG	$ 65,443	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ 665,443	83
LEISURE SERVICES									
CONFERENCE CENTER									
General Government									
	Paint Exterior Metal	DRA Distribution	$ —	$ —	$ —	$ 50,000	$ 50,000	$ 100,000	84
	Replace Carpet	Greater Downtown TIF	$ —	$ 100,000	$ 120,000	$ 30,000	$ —	$ 250,000	85
	Replace Exterior Building Sign	DRA Gaming	$ —	$ —	$ —	$ —	$ 40,000	$ 40,000	86
	Paint Interior Rooms and Areas	Sales Tax Fund (20%)	$ —	$ —	$ 38,000	$ 18,000	$ —	$ 56,000	87
	Replace Table, Chairs, and Podiums	DRA Distribution	$ —	$ 300,000	$ —	$ 25,000	$ —	$ 325,000	88
	Energy Efficiency Improvements	DRA Distribution	$ 21,000	$ —	$ —	$ —	$ —	$ 21,000	90
	Market Study and Facility Assessment	Greater Downtown TIF	$ 65,000	$ —	$ —	$ —	$ —	$ 65,000	91
	Concrete Restoration	Sales Tax Fund (20%)	$ —	$ 50,000	$ —	$ 175,000	$ —	$ 225,000	92
	Repaint Exhibit Hall Airwalls	DRA Distribution	$ —	$ —	$ 40,000	$ —	$ —	$ 40,000	93
	Replace Fabric Wall Covering	DRA Distribution	$ —	$ 35,000	$ 120,000	$ 35,000	$ —	$ 190,000	94
	Roof Restoration	Greater Downtown TIF	$ —	$ —	$ —	$ 350,000	$ 350,000	$ 700,000	95
	Wood Bench Replacement	Sales Tax Fund (20%)	$ —	$ —	$ —	$ 25,000	$ —	$ 25,000	96
	Management and Operations Assessment	Sales Tax Fund (20%)	$ 35,000	$ —	$ —	$ —	$ —	$ 35,000	97

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LEISURE SERVICES									
CONFERENCE CENTER									
General Government									
	Furniture Upholstery	DRA Distribution	$ —	$ —	$ —	$ 30,000	$ —	$ 30,000	98
	Overhead Door Replacement	DRA Gaming	$ —	$ —	$ —	$ —	$ 21,000	$ 21,000	99
	Trash Compactor Rehabilitation	DRA Distribution	$ —	$ —	$ —	$ 30,700	$ —	$ 30,700	100
	Replace Clouds	DRA Distribution	$ —	$ —	$ —	$ 83,800	$ —	$ 83,800	101
	Paint Bridge	DRA Distribution	$ —	$ —	$ —	$ 35,000	$ —	$ 35,000	102
	Replace/Rehab Room Doors	DRA Distribution	$ —	$ —	$ —	$ —	$ 59,000	$ 59,000	103
	Stage and Riser Replacement	DRA Distribution	$ —	$ —	$ 25,000	$ 77,000	$ —	$ 102,000	104
LEISURE SERVICES									
CONFERENCE CENTER									
Culture and Recreation									
	Landscape Renovations	DRA Distribution	$ —	$ —	$ —	$ 33,500	$ —	$ 33,500	89
WATER DEPARTMENT									
Business Type									
	Water Meter Replacement Program	Water Construction Funds	$ 461,015	$ 529,018	$ 567,500	$ 567,500	$ 567,500	$ 2,692,533	105
	Manhole Replacement Rehab	Water Construction Fund	$ 25,000	$ —	$ 25,000	$ —	$ 25,000	$ 75,000	106
	Water Main Upgrades during Street General Repairs	Water Construction Fund	$ 20,000	$ —	$ 25,000	$ —	$ 25,000	$ 70,000	107
	Maintenance of Public Water Mains during Stone Retaining Wall Repair	Water Construction Fund	$ —	$ 22,550	$ —	$ 22,550	$ —	$ 45,100	108
	Fire Hydrant Assembly Relocation/ Replacement for the Sidewalk Program	Water Construction Fund	$ —	$ 20,000	$ —	$ 20,400	$ —	$ 40,400	109
	Water Main Replacement Consent	Water Construction Fund	$ —	$ 105,000	$ 132,000	$ —	$ 99,000	$ 336,000	110
	Southwest Arterial Water Main Extension	State Revolving Fund Loan, Water Construction Fund	$ —	$ 936,250	$ —	$ —	$ —	$ 936,250	112
	HWY 20/Dodge St Water Main Relocation	Water Construction Fund	$ —	$ —	$ —	$ —	$ 996,000	$ 996,000	114
	Public Lead Line Water Replacement	Water Construction Fund	$ —	$ 84,500	$ 85,000	$ —	$ —	$ 169,500	115
	Water Line Extensions to New Developments	Water Construction Fund	$ 775,000	$ —	$ —	$ —	$ —	$ 775,000	116

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WATER DEPARTMENT									
Business Type									
	Wells, Well Field, and Raw Transmission Piping Repair	Water Construction Fund	$ 120,000	$ 90,000	$ 180,000	$ 110,500	$ —	$ 500,500	117
	Water Treatment Plant Condition Assessment and Master Plan	Water Construction Fund	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 100,000	119
	Water Storage Tank Coating Program	Water Construction Fund	$ 25,000	$ 150,000	$ 1,350,000	$ 100,000	$ 900,000	$ 2,525,000	120
	Creek Crossing Restoration	Water Construction Fund	$ —	$ —	$ 35,550	$ 35,080	$ 48,400	$ 119,030	121
	Althauser St. & Eagle St. Water Main Improvements	Water Construction Fund	$ —	$ 145,000	$ —	$ —	$ —	$ 145,000	122
	WTP and Pump Station Pipe Rehabilitation	Water Construction Fund	$ 20,000	$ 200,000	$ —	$ —	$ —	$ 220,000	123
	Pump Station Site Drainage Improvements	Water Construction Fund	$ —	$ 15,000	$ —	$ —	$ —	$ 15,000	124
	McFadden Farm Water Main Improvement (S. Heacock Rd from Chavenelle to Pennsylvania)	Water Construction Fund	$ 385,000	$ —	$ —	$ 270,000	$ —	$ 655,000	125
	SCADA & Comms Improvements	Water Construction Fund	$ 250,000	$ 150,000	$ —	$ 450,000	$ —	$ 850,000	126
	Super 20 Mobile Home Park Water Connection to City Water	Water Construction Fund	$ 142,000	$ —	$ —	$ —	$ —	$ 142,000	128
	Green Alley Water Main and Fittings Replacement	Water Construction Fund	$ 108,000	$ —	$ —	$ —	$ —	$ 108,000	129
	Burlington Street Water Main Replacement	Water Construction Fund	$ 350,000	$ —	$ —	$ —	$ —	$ 350,000	130
	CIWA Water System Agreements for Water Service Line Installations	Water Construction Fund	$ 125,000	$ 9,000	$ 25,000	$ 65,000	$ —	$ 224,000	131
	Third Pressure Zone Connection (from Tanzanite Drive to Davenport St.)	Water Construction Fund	$ —	$ —	$ 1,110,250	$ 938,750	$ —	$ 2,049,000	132
	Olympic Heights (Pressure Zone 5) Auto Flusher and CL2 Analyzer	Water Construction Fund	$ 37,075	$ —	$ —	$ —	$ —	$ 37,075	133
	WTP Roof Repair	Water Construction Fund	$ 200,000	$ —	$ —	$ —	$ —	$ 200,000	134
	Water and Sewer Rate Analysis	Water Construction Fund	$ —	$ 100,000	$ —	$ —	$ —	$ 100,000	135
	E. 16th St Water Main Replacement (White St. to Alley Between White and Jackson St)	Water Construction Fund	$ 71,500	$ —	$ —	$ —	$ —	$ 71,500	136
	E.16 Street (White St. and Alley East of White St.) Hydrant Relocation Project	Water Construction Fund	$ 24,000	$ —	$ —	$ —	$ —	$ 24,000	137
	Generators-Park Hill & Mt. Carmel	Water Construction Fund	$ —	$ —	$ 90,000	$ —	$ 125,000	$ 215,000	138

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
WATER & RESOURCE RECOVERY CENTER									
Business Type									
	Final Clarifier Rehabilitation	State Revolving Fund Loan	$ —	$ —	$ —	$ 860,000	$ —	$ 860,000	139
	Lift Station SCADA Upgrades	Sanitary Sewer Construction Fund	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ 150,000	140
WATER & RESOURCE RECOVERY CENTER									
Business Type									
	Activated Sludge Process Improvements	Sanitary Sewer Construction Fund	$ —	$ —	$ 70,000	$ 98,000	$ 1,092,000	$ 1,260,000	141
	High-Strength Waste Receiving & Storage	State Revolving Fund Loan,	$ 1,632,346	$ —	$ —	$ —	$ —	$ 1,632,346	142
	Sidestream Nitrogen Removal	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 400,000	$ 400,000	143
	Sidestream Phosphorous Removal	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 300,000	$ 300,000	144
	Sludge Blanket Level Detector Replacement	Sanitary Sewer Construction Fund	$ 25,000	$ —	$ —	$ —	$ —	$ 25,000	145
	Catfish Lift Station Pump Replacement	Sanitary Sewer Construction Fund	$ 60,000	$ —	$ —	$ —	$ —	$ 60,000	146
	Kerper Court Lift Station Spare Pump	Sanitary Sewer Construction Fund	$ 40,000	$ —	$ —	$ —	$ —	$ 40,000	147
	Laboratory HVAC Replacement	Sanitary Sewer Construction Fund	$ 15,000	$ —	$ —	$ —	$ —	$ 15,000	148
AIRPORT									
Public Works									
	Terminal Automated Vehicle Wash Facility	CSVI Funds	$ 70,000	$ —	$ —	$ —	$ —	$ 70,000	149
	Reconstruct Taxiway A	FAA Discretionary Funds, FAA Entitlement, G.O. Debt (Sales Tax Fund (20%)), DRA Distribution	$ 350,000	$ 3,100,000	$ 5,770,000	$ 2,830,000	$ —	$12,050,000	150
	Pavement Condition Study	FAA Entitlement, DRA Distribution	$ —	$ —	$ 53,272	$ —	$ —	$ 53,272	151
	Asphalt Pavement Repair	DRA Distribution	$ 150,000	$ —	$ 175,000	$ —	$ —	$ 325,000	152
	Corporate Hangar Facilities Maintenance	Sales Tax Fund (20%), DRA Distribution	$ 20,000	$ —	$ 20,000	$ —	$ 40,000	$ 80,000	153
	Storm Drain Improvements	DRA Distribution	$ —	$ —	$ 20,000	$ —	$ —	$ 20,000	154

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
AIRPORT									
Public Works									
	Update ARFF/Maintenance Building Lighting to LED fixtures	DRA Distribution	$ —	$ —	$ 15,100	$ —	$ —	$ 15,100	155
	SRE Building Vehicle/Equipment Lift	DRA Distribution	$ —	$ —	$ 28,000	$ —	$ —	$ 28,000	156
	Update Corporate Hangar Lighting to LED	Sales Tax Fund (20%)	$ —	$ 10,100	$ —	$ —	$ —	$ 10,100	157
	Perimeter Fence Improvements	Sales Tax Fund (20%)	$ 10,000	$ —	$ —	$ 15,000	$ —	$ 25,000	158
	Replace ADA Compliant Detectable Warning Surface Pads at Terminal Parking Lots	Sales Tax Fund (20%)	$ —	$ 70,000	$ —	$ —	$ —	$ 70,000	159
	Old Maintenance Shop Building Deconstruction	Sales Tax Fund (20%)	$ —	$ 37,500	$ —	$ —	$ —	$ 37,500	160
	Relocate Existing Emergency Airfield	State Grant	$ 149,500	$ —	$ —	$ —	$ —	$ 149,500	161
	Additional AV Gas Fuel Tank	State Grant	$ 98,500	$ —	$ —	$ —	$ —	$ 98,500	162
PUBLIC WORKS									
Public Works									
	Asphalt Milling Program	Sales Tax Fund (30%)	$ 83,092	$ 84,754	$ 86,449	$ 88,178	$ 89,942	$ 432,415	163
	Curb Ramp Program	Sales Tax Fund (30%)	$ 342,265	$ 340,686	$ 350,906	$ 361,433	$ 372,275	$ 1,767,565	164
	Floodwall Post-Flood Repair Program	Sales Tax Fund (30%)	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 125,000	165
	Ice Harbor Gates Fender Replacement Project	Sales Tax Fund (20%)	$ —	$ 145,000	$ —	$ —	$ —	$ 145,000	166
	Curb Replacement Program	Sales Tax Fund (30%)	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 80,000	167
	Steps, Hand Railings and Wall-Top Fencing	Sales Tax Fund (30%)	$ —	$ 10,000	$ 10,000	$ 10,000	$ —	$ 30,000	168
	Street Sign and Post Replacement	Sales Tax Fund (30%)	$ 10,000	$ 15,000	$ 15,000	$ 15,000	$ —	$ 55,000	169
	Concrete Street Section Repair Program	Sales Tax Fund (30%)	$ 25,000	$ 25,000	$ 25,000	$ 20,000	$ 50,000	$ 145,000	170
	56,000 Gross Vehicle Weight (GVW) Dump Truck Replacement	Sales Tax Fund (30%), Road Use Tax	$ —	$ —	$ 396,019	$ —	$ —	$ 396,019	171
	Vacuum Street Sweeper Replacement	Sales Tax Fund (30%)	$ —	$ 222,854	$ —	$ —	$ —	$ 222,854	172
	44,000 GVW Dump Truck Replacement	Sales Tax Fund (30%)	$ 325,000	$ —	$ —	$ —	$ 263,842	$ 588,842	173
	Roof - Central Storage	DRA Distribution	$ 29,600	$—	$—	$ —	$ —	$ 29,600	174
	Aerial Bucket Truck Replacement	Road Use Tax Fund	$ 325,000	$—	$—	$ —	$ —	$ 325,000	175
	33,000 GVW Dump Truck Replacement	Sales Tax Fund (30%)	$ 179,800	$—	$—	$ —	$ —	$ 179,800	176

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PUBLIC WORKS									
Public Works									
	Sprinkler System - Central Storage	Sales Tax Fund (30%)	$ —	$—	$—	$ 18,500	$ —	$ 18,500	177
	Vehicle Maintenance Wall Improvements	Sales Tax Fund (30%)	$ —	$ —	$ —	$ 5,000	$ —	$ 5,000	178
	Vehicle Maintenance Lubrication System	Garage Fund	$ 40,000	$ —	$ —	$ —	$ —	$ 40,000	179
	Electric Vehicle Charging Infrastructure Located at the Municipal Services Center	Sales Tax Fund (30%)	$ 15,602	$ 88,405	$ 20,139	$ 114,120	$ —	$ 238,266	180
	High Pressure Sewer Jet Cleaner	State Revolving Fund Loan	$ —	$ —	$ 210,000	$ —	$ —	$ 210,000	183
	Smart Covers	Sanitary Sewer Construction Fund	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000	185
PUBLIC WORKS									
Business Type									
	Cab-Over Solid Waste Vehicles	Refuse Collection Fund, G.O. Debt (Refuse)	$ 452,275	$ 495,411	$ 314,307	$ 465,447	$ 327,005	$ 2,054,445	181
	Sanitary Sewer Root Foaming	Sanitary Sewer Construction Fund	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000	182
	Flood Control Units	Stormwater Construction Fund	$ 366,667	$ —	$ —	$ —	$ —	$ 366,667	184
ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
	General								
	Sanitary Sewer Extensions to New Development	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ 25,000	$ 54,153	$ 168,582	$ 25,000	$ 25,000	$ 297,735	186
	Sanitary Sewer Extensions to Existing Developments	Special Assessments, State Revolving Fund Loan	$ —	$ 1,200,000	$ —	$ —	$ 386,310	$ 1,586,310	187
	Twin Ridge Lagoon Abandonment	State Revolving Fund Loan	$ —	$ —	$ 465,000	$ —	$ —	$ 465,000	188
	Sanitary Sewer Extensions - Existing Development, Pre-annexation and Annexation Agreements	State Revolving Fund Loan	$ 233,500	$ —	$ —	$ —		$ 233,500	189
	Sewer Utility Master Plan	State Revolving Fund Loan	$ 121,000	$ —	$ —	$ —	$ —	$ 121,000	190
	Sanitary Sewer CCTV Inspection, Cleaning, Assessment	State Revolving Fund Loan	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 900,000	192

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ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
	Catfish Creek Southfork Interceptor	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ —	$ 34,181	$ 533,819	$ —	$ —	$ 568,000	193
	Knob Hill-Duggan Drive Sanitary Sewer Reconstruction	State Revolving Fund Loan	$ —	$ 149,310	$ —	$ —	$ —	$ 149,310	194
	Brunswick Sanitary Sewer	Sanitary Sewer Construction Fund	$ —	$ 9,400	$ 68,900	$ —	$ —	$ 78,300	195
	Southgate Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ —	$ —	$ 10,000	$ 104,500	$ —	$ 114,500	196
	Center Grove Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	$ —	$ 7,300	$ 60,000	$ —	$ —	$ 67,300	197
	Grove Terrace Sanitary Sewer Reconstruction	State Revolving Fund Loan	$ —	$ 110,000	$ —	$ —	$ —	$ 110,000	198
	Hempstead Sanitary Sewer Reconstruction	State Revolving Fund Loan, Sanitary Sewer Construction Fund	$ —	$ 15,000	$ 281,000	$ —	$ —	$ 296,000	199
	Cooper Place and Maiden Lane Sanitary Sewer Reconstruction	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 20,000	$ 20,000	200
	Abbott & Cottage Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ —	$ —	$ 15,000	$ 212,500	$ —	$ 227,500	201
	Harvard St Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ —	$ —	$ —	$ 18,000	$ 165,000	$ 183,000	202
	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	State Revolving Fund Loan	$ 708,000	$ 2,260,000	$ 708,000	$ —	$ —	$ 3,676,000	203
	Force Main Stabilization	State Revolving Fund Loan	$ 1,300,000	$ —	$ —	$ —	$ —	$ 1,300,000	205
	Sanitary Sewer Lining Program	State Revolving Fund Loan, Sanitary Sewer Construction Fund	$ —	$ 132,500	$ —	$ 220,000	$ —	$ 352,500	206
	Manhole Replacement/Rehab Program	Sanitary Sewer Construction Fund, State Revolving Fund Loan	$ 275,000	$ 50,000	$ —	$ 50,000	$ —	$ 375,000	207
	Perry & Bradley Force Main and Lift Station Improvements	State Revolving Fund Loan	$ 35,000	$ 225,000	$ —	$ —	$ —	$ 260,000	208
	Couler Valley Interceptor Inspection, Cleaning and Rehabilitation	State Revolving Fund Loan	$ 85,000	$ —	$ —	$ —	$ —	$ 85,000	209

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ENGINEERING DEPARTMENT									
SANITARY SEWER									
Business Type									
	General Sanitary Sewer Replacement	Sanitary Sewer Construction Fund	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 1,000,000	210
	King Street Sanitary Sewer Reconstruction	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ 9,500	$ 9,500	211
	Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements	State Revolving Fund Loan	$ 130,000	$ —	$ —	$ —	$ —	$ 130,000	212
	Bee Branch Interceptor Sewer Connection	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ 3,335,000	$ —	$ 3,335,000	213
	Force Main Air Release Replacement Project	State Revolving Fund Loan	$ 325,000	$ 325,000	$ 325,000	$ 325,000	$ —	$ 1,300,000	214
ENGINEERING DEPARTMENT									
STORMWATER									
Business Type									
	General Storm Sewer Projects								
	Stormwater Infiltration & Inflow Elimination Program	Stormwater Construction Fund	$ 50,000	$ 90,000	$ 100,000	$ 100,000	$ 100,000	$ 440,000	215
	Storm Sewer General Replacements	Stormwater Construction Fund	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000	216
	Storm Sewer Improvements/Extensions	Stormwater Construction Fund	$ 60,000	$ 60,000	$ 61,000	$ 61,000	$ 62,000	$ 304,000	217
	Catch Basin Reconstruction	Stormwater Construction Fund	$ 53,000	$ 53,000	$ 54,000	$ 54,000	$ 55,000	$ 269,000	218
	Drain Tile Program	Stormwater Construction Fund	$ 90,810	$ 101,224	$ 100,000	$ 62,082	$ 122,530	$ 476,646	219
	Bee Branch Watershed Projects								
	Bee Branch Creek Gate & Pump Replacement	Federal Grant, State Sales Tax Increment	$ 9,550,000	$ 5,350,000	$ —	$ —	$ —	$14,900,000	220
	Flood Control Maintenance Facility	Sales Tax Increment, Stormwater Construction Fund	$ 20,000	$ —	$ 220,000	$ —	$ —	$ 240,000	221
	Specific Storm Sewer Projects							$ —	
	University Ave Storm Sewer	Stormwater Construction Fund	$ —	$ 150,000	$ —	$ —	$ —	$ 150,000	222
	Keokuk Storm Sewer Extension	Stormwater Construction Fund	$ 44,600	$ —	$ —	$ —	$ —	$ 44,600	223
	Copper Field Storm Sewer Extension Project	Stormwater Construction Fund	$ 34,700	$ —	$ —	$ —	$ —	$ 34,700	224
	Key Way Drive Outfall Project	Stormwater Construction Fund	$ 30,100	$ —	$ —	$ —	$ —	$ 30,100	225

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ENGINEERING DEPARTMENT									
STORMWATER									
Business Type									
	Pennsylvania Culvert Replacement	Stormwater Construction Fund	$ —	$ —	$ —	$ 25,000	$ 100,000	$ 125,000	226
	Windsor Street Storm Sewer Extension	Stormwater Construction Fund	$ —	$ —	$ 80,500	$ —	$ —	$ 80,500	227
	Seippel Road Culvert Replacement	Stormwater Construction Fund			$ —	$ 25,000	$ 180,000	$ 205,000	228
	14th Street Storm Sewer Reconstruction	Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 25,000	$ 25,000	229
	NW Arterial Detention Basin Improvements	Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 200,000	$ 200,000	230
	Bies Drive Storm Sewer	Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 64,000	$ 64,000	231
	Bennett Street Storm Sewer Improvements	Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 62,500	$ 62,500	232
	Stoneman Road Storm Sewer	Stormwater Construction Fund, Special Assessment	$ 85,000	$ —	$ —	$ —	$ —	$ 85,000	233
	Cedar Cross Road Storm Sewer Construction	Stormwater Construction Fund	$ —	$ —	$ —	$ 147,500	$ —	$ 147,500	234
	Rockdale Road Storm Sewer Extension	Stormwater Construction Fund	$ —	$ —	$ —	$ 10,000	$ 80,000	$ 90,000	235
ENGINEERING DEPARTMENT									
STREETS									
Public Works									
	Street Related Improvements								
	Pavement Marking Project	Sales Tax Fund (30%), IDOT, Road Use Tax	$ 135,000	$ 135,000	$ 135,000	$ 135,000	$ 140,000	$ 680,000	236
	Street Construction General Repairs	Sales Tax Fund (30%)	$ 100,000	$ 110,000	$ 110,000	$ 100,000	$ 120,000	$ 540,000	237
	East - West Corridor Capacity Improvements	DMATS SWAP Funding, State ICAAP Grant, State TSIP Grant	$ 1,200,000	$ 3,231,046	$ 668,954	$ 4,160,000	$ —	$ 9,260,000	238
	Southwest Arterial ITS Corridor Development	Sales Tax Fund (30%), IDOT	$ 850,000	$ —	$ —	$ —	$ —	$ 850,000	240
	Westside Drive Street Lights	Sales Tax Fund (30%)	$ —	$ 150,000	$ —	$ —	$ —	$ 150,000	241
	7th Street Extension to Pine Street	Sales Tax Fund (30%), Greater Downtown TIF	$ —	$ —	$ 191,500	$ 650,000	$ —	$ 841,500	242
	North Cascade Road Reconstruction	DMATS STP Funds, Sales Tax Fund (30%)	$ —	$ 1,500,000	$ —	$ —	$ —	$ 1,500,000	243

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ENGINEERING DEPARTMENT									
STREETS									
Public Works									
	Cedar Cross Rd Reconstruction	Sales Tax Fund (30%), DMATS Funds, Special Assessments	$ —	$ —	$ —	$ 400,000	$ 2,700,000	$ 3,100,000	245
	Seippel Road Reconstruction	DICW TIF and Road Use Tax Fund	$ —	$ —	$ —	$ 280,000	$ 560,000	$ 840,000	246
	Pavement Rehabilitation - Concrete Street Repair, Mill and Asphalt Resurfacing	Sales Tax Fund (30%), Road Use Tax Fund	$ 525,000	$ 100,000	$ 225,000	$ 225,000	$ 225,000	$ 1,300,000	247
	Pavement Preservation Joint Sealing	Sales Tax Fund (30%), Road Use Tax	$ 105,000	$ 55,000	$ 55,000	$ 55,000	$ —	$ 270,000	248
	Rockdale Road Reconstruction	South Point Housing TIF, Special Assessments	$ —	$ —	$ —	$ 200,000	$ 1,100,000	$ 1,300,000	249
	Stoneman Road Reconstruction	Special Assessments, Sales Tax Fund (30%	$ 835,030	$ —	$ —	$ —	$ —	$ 835,030	250
	Guardrail Replacement	Sales Tax Fund (30%)	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ —	$ 66,000	251
	Sylvan Drive Reconstruction	Special Assessments, Sales Tax Fund (30%	$ —	$ —	$ —	$ —	$ 885,000	$ 885,000	252
	Century Drive Reconstruction	Special Assessments, Sales Tax Fund (30%	$ —	$ 50,000	$ 512,070	$ —	$ —	$ 562,070	253
	Sidewalk Related							$ —	
	Sidewalk Inspection Program - Assessable	Special Assessments	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 40,000	$ 160,000	254
	Sidewalk Program - City-Owned Property	Sales Tax Fund (30%)	$ 100,000	$ 100,000	$ 50,000	$ 50,000	$ 90,000	$ 390,000	255
	Sidewalk Program Related Curb and Catch Basin Replacements	Sales Tax Fund (30%)	$ 25,000	$ 30,000	$ 32,000	$ 35,000	$ 35,000	$ 157,000	256
	Decorative Concrete Maintenance Program	Sales Tax Fund (30%)	$ —	$ —	$ 35,000	$ 40,000	$ —	$ 75,000	257
	Trails/General Maintenance								
	Stone Retaining Walls	Sales Tax Fund (30%), Road Use Tax Fund	$ 200,000	$ 105,000	$ 110,000	$ —	$ —	$ 415,000	258
	Bridge Repairs/Maintenance	Sales Tax Fund (30%), Road Use Tax Fund, DRA Distribution	$ 41,595	$ 180,000	$ 100,000	$ —	$ 110,000	$ 431,595	259
	Lowell Street Retaining Wall	Sales Tax Fund (30%)	$ 141,500	$ —	$ —	$ —	$ —	$ 141,500	260
	Brick Paver Maintenance	Sales Tax Fund (30%)	$ —	$ 40,000	$ —	$ 40,000	$ 43,000	$ 123,000	261
	Complete Streets Elements	Sales Tax Fund (30%)	$ —	$ 12,000	$ 12,000	$ 10,000	$ 13,000	$ 47,000	262

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ENGINEERING DEPARTMENT									
STREETS									
Public Works									
	14th Street Overpass	Greater Downtown TIF	$ —	$ —	$ —	$ —	$ 727,000	$ 727,000	263
	Central Ave Traffic Study	Sales Tax Fund (30%)	$ 265,000	$ —	$ —	$ —	$ —	$ 265,000	264
	Central Avenue Streetscape Design	Greater Downtown TIF	$ —	$ 400,000	$ —	$ —	$ —	$ 400,000	265
	Schmitt Island Connector Trail	DRA Distribution	$ 275,000	$ —	$ —	$ —	$ —	$ 275,000	266
	Bee Branch Creek Trail: 16th to 9th	State Grant, Sales Tax Fund (30%)	$ —	$ —	$ 642,000	$ 500,000	$ —	$ 1,142,000	267
	Chavenelle Road to SW Arterial	Sales Tax Fund (20%), Sales Tax Fund (30%)	$ —	$ —	$ 250,000	$ —	$ —	$ 250,000	269
	Trail Planning	DRA Distribution	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ 30,000	270
ENGINEERING DEPARTMENT									
MISCELLANEOUS									
General Government									
	Federal Building Renovation	Greater Downtown TIF	$ 95,000	$ 537,800	$ 36,500	$ —	$ —	$ 669,300	271
	South Port Redevelopment	Greater Downtown TIF	$ 73,000	$ —	$ —	$ —	$ —	$ 73,000	273
	Speed Shields	Sales Tax Fund (30%)	$ 46,000	$ 46,000	$ 46,000	$ 46,000	$ —	$ 184,000	279
ENGINEERING DEPARTMENT									
MISCELLANEOUS									
Public Works									
	Riverfront Dock Expansion	Private Participant, G.O. Debt (GDTIF)	$ 1,050,000	$ —	$ —	$ —	$ —	$ 1,050,000	274
	Riverfront Leasehold Improvement	Greater Downtown TIF	$ 265,000	$ —	$ —	$ —	$ —	$ 265,000	276
	Port of Dubuque - Security Camera Expansion	DRA Distribution	$ 20,000	$ —	$ 20,000	$ —	$ —	$ 40,000	277
	Harbor Area Maintenance	Sales Tax Fund (20%)	$ —	$ 30,000	$ —	$ 35,000	$ —	$ 65,000	278
	City Hall 3rd Floor Renovation	DRA Gaming	$ —	$ 20,000	$ —	$ —	$ —	$ 20,000	280
	Engineering Department FF&E Update	DRA Distribution	$ 85,000	$ —	$ —	$ —	$ —	$ 85,000	281
	Railroad Quiet Zone Study	DRA Distribution	$ —	$ 43,500	$ —	$ —	$ —	$ 43,500	282
	Riverfront Property Purchase	G.O. Debt (GDTIF)	$ 750,000	$ —	$ —	$ —	$ —	$ 750,000	283

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ENGINEERING DEPARTMENT									
MISCELLANEOUS									
Public Works									
	Blum Site Utilization	Greater Downtown TIF	$ 93,000	$ —	$ —	$ —	$ —	$ 93,000	284
ENGINEERING DEPARTMENT									
TRAFFIC									
Public Works									
	Street Light Replacement and New Installation	Sales Tax Fund (30%), Greater Downtown TIF	$ 128,200	$ 145,200	$ 180,000	$ 35,000	$ 45,000	$ 533,400	285
	Signalization Program	Sales Tax Fund (30%)	$ 70,000	$ 80,000	$ 70,000	$ 60,000	$ 110,000	$ 390,000	286
	Traffic Signal Mastarm Retrofit	Sales Tax Fund (30%)	$ 70,000	$ 75,000	$ 80,000	$ 65,000	$ 85,000	$ 375,000	287
	Traffic Signal Interconnect Conduit Replacement	Sales Tax Fund (30%)	$ 40,000	$ 70,000	$ 40,000	$ 40,000	$ 65,000	$ 255,000	288
	Traffic Signal Controller Replacement	Sales Tax Fund (30%)	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 205,000	289
	Street Lighting and Traffic Signal Knockdown/Insurance	Insurance Reimbursements, Sales Tax Fund (30%)	$ 25,000	$ 30,000	$ 30,000	$ 25,000	$ —	$ 110,000	290
	Street Camera Installation	Sales Tax Fund (30%), Greater Downtown TIF	$ 105,775	$ 89,798	$ 105,000	$ 75,000	$ 15,000	$ 390,573	291
	LED Re-Lamp Schedule	Sales Tax Fund (30%)	$ 25,000	$ 30,000	$ 25,000	$ 20,000	$ 27,500	$ 127,500	292
	Traffic Signal Battery Backup	Sales Tax Fund (30%)	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 75,000	293
	Traffic Signal Intersection Reconstruction	Sales Tax Fund (30%)	$ 50,000	$ 75,000	$ 72,472	$ 65,000	$ 75,000	$ 337,472	294
	Surge and Grounding Improvement at Signals	Sales Tax Fund (30%)	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 75,000	295
	STREETS Traffic Control Project	Sales Tax Fund (30%), DRA Distribution	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ 150,000	296
	Traffic Signal Fiber Optic Network Program	Sales Tax Fund (30%)	$ 65,000	$ 100,000	$ 100,000	$ 65,000	$ 110,000	$ 440,000	297
	ITS Traffic Control Equipment	Sales Tax Fund (30%)	$ 20,000	$ 25,000	$ 34,000	$ 25,000	$ 52,000	$ 156,000	298
	Traffic Signal Vehicle Detection Conversion	Sales Tax Fund (30%)	$ 50,000	$ 60,000	$ 64,000	$ 52,000	$ 65,000	$ 291,000	299
	Grandview Street Light Replacement	Sales Tax Fund (30%), Road Use Tax Fund	$ 100,000	$ 50,000	$ 100,000	$ —	$ —	$ 250,000	300
	INET Fiber Replacement Build Out	Sales Tax Fund (30%)	$ 90,000	$ 150,000	$ 65,000	$ —	$ —	$ 305,000	301
	Emergency Preemption Expansion and Upgrades	Sales Tax Fund (30%)	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 90,000	302

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Recommended Capital Improvement Summary
FY 2022 - FY 2026

PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
ENGINEERING DEPARTMENT									
TRAFFIC									
Public Works									
	Fiber Optic Conduit - Miscellaneous	Sales Tax Fund (30%)	$ 40,000	$ 50,000	$ 50,000	$ 40,000	$ 50,000	$ 230,000	303
	Fiber Infrastructure Management System	Sales Tax Fund (30%)	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 140,000	304
	Broadband Acceleration and Universal Access	Sales Tax Fund (30%)	$ 130,000	$ 125,000	$ 120,000	$ 110,000	$ 110,000	$ 595,000	305
	Street Light Controller Meter Installation	Sales Tax Fund (30%)	$ 90,000	$ —	$ —	$ —	$ —	$ 90,000	306
	Dubuque Entry Point Camera Project	Sales Tax Fund (30%)	$ 124,500	$ —	$ —	$ —	$ —	$ 124,500	307
	Citywide Fiber Cable Backbone Masterplan	Sales Tax Fund (30%)	$ 50,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ 230,000	308
	32nd and Jackson Street Signal Reconstruction and Camera Project	Road Use Tax Fund	$ 230,000	$ —	$ —	$ —	$ —	$ 230,000	309
ENGINEERING									
FACILITIES MANAGEMENT									
General Government									
	Integrated Access Control and Security System	Sales Tax Fund (20%)	$ 19,750	$ —	$ —	$ —	$ —	$ 19,750	310
ECONOMIC DEVELOPMENT									
Community and Economic Development									
	Greater Downtown URD Incentive & Rehab Programs	Greater Downtown TIF	$ 440,000	$ 400,000	$ 400,000	$ 350,000	$ —	$ 1,590,000	311
	Kerper Boulevard Revitalization	DRA Distribution	$ 50,000	$ —	$ —	$ —	$ —	$ 50,000	312
	Workforce Development	DICW (Land Sales)	$ 310,000	$ 310,000	$ 310,000	$ 310,000	$ 310,000	$ 1,550,000	313
	Washington Neighborhood Façade Program	Greater Downtown TIF	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 525,000	314
	Downtown Rehab Grant Program	Greater Downtown TIF	$ 175,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 595,000	315
	Minority-Owned Business Microloan Initiative	Greater Downtown TIF	$ 50,000	$ 50,000	$ —	$ —	$ —	$ 100,000	316
	Develop McFadden Property	DICW TIF	$ 233,500	$ —	$ —	$ —	$ —	$ 233,500	317
	Downtown Rehabilitation Loan Program	Greater Downtown TIF	$ —	$ —	$ 300,000	$ —	$ —	$ 300,000	318

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
ECONOMIC DEVELOPMENT									
Community and Economic Development									
	Central Avenue Streetscape Master Plan Implementation	Greater Downtown TIF	$ —	$ 150,000	$ 25,000	$ —	$ —	$ 175,000	319
	Dubuque Industrial Center South Signs	DICW TIF	$ —	$ 80,465	$ —	$ —	$ —	$ 80,465	320
	Dubuque Industrial Center Signs	DICW TIF	$ —	$ 50,000	$ —	$ —	$ —	$ 50,000	321
	Development of Graf Properties	DICW TIF	$ —	$ —	$ —	$ —	$ 217,000	$ 217,000	322
	South Port Master Plan Implementation	EPA, Sales Tax Fund (20%)	$ —	$ 215,000	$ —	$ —	$ —	$ 215,000	323
TRANSPORTATION SERVICES DEPARTMENT									
Transit Division									
Business Type									
	Transit Vehicle Replacement	DRA Distribution, FTA Grant, Salvage Sales	$ 1,280,276	$ 383,182	$ 100,000	$ 298,997	$ 887,507	$ 2,949,962	324
	Bus Stop Improvements	CDBG, PTIG State Grant, FTA Grant	$ 43,072	$ 10,250	$ 37,313	$ 17,933	$ 18,232	$ 126,800	326
TRANSPORTATION SERVICES DEPARTMENT									
Parking Division									
Business Type									
	Parking Ramp Condition Assess and Maintenance Plan	Greater Downtown TIF	$ 72,000	$ 68,000	$ 68,000	$ —	$ —	$ 208,000	327
	Bus DC Charging Stations	Greater Downtown TIF, Federal Grant	$ 273,000	$ —	$ —	$ —	$ —	$ 273,000	328
	New Downtown Parking Ramp	GDTIF G.O. Debt	$ 4,050,000	$ 9,078,000	$ 6,000,000	$ —	$ —	$19,128,000	329
	Smart Parking System	Greater Downtown TIF, GDTIF G.O. Debt	$ 379,000	$ 373,000	$ 373,000	$ 373,000	$ 360,000	$ 1,858,000	330
	Municipal Parking Lot Maintenance	Greater Downtown TIF	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ —	$ 64,000	331
	Port of Dubuque Ramp - Major Maintenance	Private Participant	$ 81,305	$ 82,931	$ 84,590	$ 86,282	$ 88,007	$ 423,115	332
HOUSING AND COMMUNITY DEVELOPMENT									
Community and Economic Development									
	Assistance for Homeownership	Housing TIF, Loan Repayments, Sale Proceeds	$ 194,629	$ 1,043,940	$ 1,258,464	$ 1,758,154	$ 1,191,361	$ 5,446,548	333

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
HOUSING AND COMMUNITY DEVELOPMENT									
Community and Economic Development									
	Lead Based Paint Hazard Control	HUD Lead Grant, Private Participant	$ 800,000	$ —	$ —	$ —	$ —	$ 800,000	335
	Lead Based Paint Hazard Control Grant Match	CDBG	$ 102,332	$ —	$ —	$ —	$ —	$ 102,332	337
	Neighborhood Reinvestment Partnership	Housing TIF	$ 300,000	$ 300,000	$ 300,000	$ —	$ —	$ 900,000	339
	Washington Neighborhood Home Purchase Program	IFA Trust, IFA Trust Loan Repayments, Greater Downtown TIF	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 1,156,415	340
	Homeowner Rehabilitation Program	RRP Repayments, CDBG	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 775,000	341
	First-Time Home Buyer Program	CDBG	$ 43,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 243,000	343
	Rental Dwelling Rehabilitation Programs	CDBG	$ —	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 200,000	344
	Bee Branch Healthy Homes Resiliency Grant	HUD NDRC Grant	$ 674,000	$ —	$ —	$ —	$ —	$ 674,000	345
	Credit Repair Program	CDBG	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000	346
	Window Replacement Program	CDBG	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 100,000	347
	Visiting Nurse Association	CDBG	$ 20,000	$ 20,000	$ 20,000	$ —	$ —	$ 60,000	348
	Aquaponic System for Food Deserts	CDBG	$ 90,958	$ —	$ —	$ —	$ —	$ 90,958	349
	Neighborhood Broadband	CDBG	$ 100,000	$ —	$ —	$ —	$ —	$ 100,000	350
	Childcare Assistance	CDBG	$ 50,000	$ —	$ —	$ —	$ —	$ 50,000	351
	Historic Preservation Revolving Loan Fund	UDAG Loan Repayments	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 35,000	352
PLANNING SERVICES									
Community and Economic Development									
	Historic Preservation Technical Assistance Program	State Grant-CLG/HRDP, DRA Distribution	$ 5,000	$ 15,000	$ 5,000	$ 5,000	$ 15,000	$ 45,000	353
CITY MANAGERS OFFICE									
General Government									
	Aerial Orthophotography and LiDAR	DRA Distribution	$ 67,500	$ —	$ 69,500	$ —	$ 72,500	$ 209,500	354
	Municipal Green House Gas Inventory	DRA Gaming	$ —	$ 50,000	$ —	$ —	$ 50,000	$ 100,000	355
CITY MANAGERS OFFICE									

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
General Government									
	Downtown Urban Renewal Area Non-Profit Accessibility Assistance Program	Greater Downtown TIF	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 500,000	356
	Innovative & Entrepreneurial City Facilities & Service Delivery Study	DRA Gaming	$ 75,000	$ —	$ —	$ —	$ —	$ 75,000	357
	Non-Profit Weatherization Improvements Assist.	Greater Downtown TIF	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ 450,000	358
	Renew DBQ: Low-income solar pilot project	CDBG	$ —	$ 80,000	$ —	$ —	$ —	$ 80,000	359
CITY MANAGERS OFFICE									
Public Safety									
	Downtown ADA Assistance	Greater Downtown TIF	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 150,000	360
FINANCE									
General Government									
	General Ledger Software	Sales Tax Fund 20%, Greater Downtown TIF	$ 859,903	$ —	$ —	$ —	$ —	$ 859,903	361
FINANCE									
Business Type									
	General Ledger Software - Business	Solid Waste Collection Fund, Stormwater Construction Fund, Sanitary Construction Fund, Water Construction, Landfill	$ 1,285,692	$ —	$ —	$ —	$ —	$ 1,285,692	363
INFORMATION SERVICES									
Business Type									
	City-Wide Computer and Printer Replacements- Business	Solid Waste Construction Fund, Transit Fund, Stormwater Construction Fund, Water Construction Fund, Parking Construction Fund, Sanitary Sewer Construction Fund, Garage Service Fund	$ 50,730	$ 43,370	$ 92,162	$ 70,806	$ 24,210	$ 281,278	365
INFORMATION SERVICES									

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PROGRAM/ DEPT	PROJECT DESCRIPTION	SOURCE OF FUNDS	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	TOTAL	PAGE
General Government									
	City-Wide Computer and Printer Replacements - General Gov	Sales Tax Fund (20%), DRA Distribution, Sales Tax Fund (30%), Cable TV Fund	$ 804,532	$ 396,980	$ 458,896	$ 339,685	$ 387,654	$ 2,387,747	366
	Data Vault	Sales Tax Fund (20%)	$ 200,000	$ —	$ —	$ —	$ —	$ 200,000	367
	Network Security Risk Assessment	DRA Distribution, Sales Tax Fund (20%)	$ 15,000	$ —	$ 15,000	$ —	$ —	$ 30,000	368
	Layer 2 Redundant Network Switch	Sales Tax Fund (20%)	$ 75,229	$ —	$ —	$ —	$ —	$ 75,229	369
	Upgrade Isilon Disk Storage System	Sales Tax Fund (20%)	$ 250,000	$ —	$ —	$ —	$ —	$ 250,000	370
	Fiber Optic Documentation and Maintenance	Sales Tax Fund (20%), DRA Gaming	$ 100,000	$ 100,000	$ 50,000	$ —	$ —	$ 250,000	371
	Office Redesign	DRA Distribution	$ 25,000	$ —	$ 50,000	$ —	$ —	$ 75,000	372
	Ransomware Defender and File Recovery	DRA Distribution	$ —	$ —	$ 3,210	$ —	$ —	$ 3,210	373
	Grand Total		**$ 49,342,750**	**$ 43,298,159**	**$ 39,593,286**	**$ 29,389,844**	**$ 25,863,651**	**$ 187,487,690**	

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	Ladder Truck & Pumper Replacement	FY 2016 ACTIVITY NO: 350-1016	$ 3,291,157

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 223,640		Pumper or Ladder Truck	$ 1,682,154	$ —	$ 425,460	$ —	$ —	$ —
	$ 476,066	Haz Mat Truck	$ —	$ —	$ —	$ —	$ —	$ —
		Pumper (Fleet Expansion)	$ —	$ —	$ —	$ 483,000	$ —	$ —
$ 837		Consultant	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 224,477	$ 476,066	TOTAL	$ 1,682,154	$ —	$ 425,460	$ 483,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 119,583	Dubuque County	$ —	$ —	$ —	$ —	$ —	$ —
	$ 288,417	G.O. Debt (Sales Tax Fund 20%)	$ 1,582,154	$ —	$ 425,460	$ 433,000	$ —	$ —
$ 224,477	$ 68,066	Sales Tax Fund (20%)	$ 100,000	$ —	$ —	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 224,477	$ 476,066	TOTAL	$ 1,682,154	$ —	$ 425,460	$ 483,000	$ —	$ —

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. In FY22, funding would replace the 1995 General Safety ladder truck due to rust deterioration (27 years). FY24 funding would replace 2004 International/Simon pumper (20 years). In FY25, requested funding would provide for the addition of one fire engine to the fleet. This additional fire engine would be needed to equip any possible expansion to a seventh fire station. As an expansion unit, the additional cost covers loose equipment for this engine (hose, tools, etc.).

RELATIONSHIP TO OTHER PROJECTS

This project is related to Fire Station Expansion/Relocation (#350-1864) for the additional unit funded in FY25.

OUTCOME

Vibrant Community: 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	HVAC Replacement at Fire Headquarters 11 West 9th Street	FY 2020 ACTIVITY NO: 350-2810	$ 854,323

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		HVAC Control Replacement	$ 81,600	$ —	$ —	$ —	$ —	$ —
	$ 248,924	Boiler Replacement	$ —	$ 172,302	$ —	$ —	$ —	$ —
		Air Handler Replacement	$ —	$ —	$ 351,497	$ —	$ —	$ —
$ —	$ 248,924	TOTAL	$ 81,600	$ 172,302	$ 351,497	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 248,924	G.O. Debt (Sales Tax Fund 20%)	$ —	$ 172,302	$ 89,894	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ 81,600	$ —	$ 261,603	$ —	$ —	
$ —	$ 248,924	TOTAL	$ 81,600	$ 172,302	$ 351,497	$ —	$ —	$ —

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. This project would provide for replacement of the system controls in FY2022 with estimated pay-back in 12 years, replace the heating boiler in FY2023 for which the study suggested "dramatic" energy savings, and replace all three air handling units in FY2024 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).

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: Outdoor Warning Siren Repair/Replace			YEAR FIRST SUBMITTED: FY 2021 ACTIVITY NO: 102-1135		TOTAL PROJECT COST $ 300,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
	$ 100,000	Equipment Purchase	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —
$ —	$ 100,000	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 100,000	DRA Distribution	$ 50,000	$ —	$ 50,000	$ 50,000	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ 50,000	$ —	$ —	$ —	$ —
$ —	$ 100,000	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project seeks to extend the service life of the City-wide outdoor warning siren system. The components of this system are now over twenty years old and failure of siren components is starting to drive up repair costs. Additionally, any failure of this warning system could have serious safety ramifications. The project is designed to replace and or repair the system of 17 outdoor warning sirens over a five-year period. This project started with an FY21 request for $100,000 however, those funds are currently frozen.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Vibrant Community: Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

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 Exhaust Systems			YEAR FIRST SUBMITTED: FY 2021 ACTIVITY NO: 101-2824		TOTAL PROJECT COST $ 60,600
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
	$ 30,000	Equipment + Installation	$ 30,600	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 30,000	TOTAL	$ 30,600	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 30,000	DRA Gaming	$ 30,600	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 30,000	TOTAL	$ 30,600	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide air filtration for vehicle exhaust in the fire stations. Diesel exhaust has been identified as a health hazard within fire stations where personnel are living around-the-clock near fire apparatus. This project funds the installation of filtration and air-cleaning equipment to all stations over a three-year project. FY21 will address the most critical needs which are Stations 4, 5, & 6 due to living quarters over the apparatus garage. FY22 will provide equipment for Stations 2 & 3, and the final year will install the system at Fire Headquarters.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	Implement Mechanical & Electrical System Design Study Recommendations	FY 2018 ACTIVITY NO: 350-2575	$ 130,050

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 26,010	Property Maintenance	$ 26,010	$ 26,010	$ 26,010	$ 26,010	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 26,010	TOTAL	$ 26,010	$ 26,010	$ 26,010	$ 26,010	$ —	$ —
		B. PROJECT FINANCING						
	$ 26,010	Sales Tax Fund (20%)	$ 26,010	$ 26,010	$ 26,010	$ 26,010	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 26,010	TOTAL	$ 26,010	$ 26,010	$ 26,010	$ 26,010	$ —	$ —

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 (starting in FY21) to improve HVAC and lighting at 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. This project covers upgrades to lighting and HVAC projects at five satellite fire stations.

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: 13 - Fire		STATE PROGRAM: 1C - Public Safety	PROJECT TITLE: Ambulance Replacement			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 350-2507		TOTAL PROJECT COST $ 589,570
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Ambulance	$ —	$ 280,206	$ —	$ 309,364	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 280,206	$ —	$ 309,364	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ 280,206	$ —	$ 309,364	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 280,206	$ —	$ 309,364	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project goal is to replace ambulances after a twelve-year service life. Due to the planned increase in staffing to accommodate a third, full-time ambulance crew, another ambulance will need to be added to the existing fleet. The FY23 request would retire a 2010 Lifeline ambulance (13 years). The FY25 funding request provides for the additional ambulance and associated equipment for a possible fire station expansion and/or relocation project.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Fire Station Expansion/Relocation project (#350-1864) for the staffing need to cover an ambulance addition.

OUTCOME

Vibrant Community: 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	Fire Station Expansion/Relocation	FY 2007 ACTIVITY NO: 350-1864	$ 4,056,948

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ 510,000	$ 116,280	$ —
		Land and R.O.W	$ —	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ 312,120	$ 2,462,198	$ —
		Other	$ —	$ 40,800	$ —	$ —	$ 615,550	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 40,800	$ —	$ 822,120	$ 3,194,028	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 40,800	$ —	$ 121,500	$ —	$ —
		G.O. Debt (Sales Tax Fund 20%)	$ —	$ —	$ —	$ 700,620	$ 3,194,028	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 40,800	$ —	$ 822,120	$ 3,194,028	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 182,070	$ 281,298	$ 386,316	$ 497,382	$ 1,114,764	$ —

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 2025 due to the Southwest Arterial having opened one year later than expected and no current plans for development. 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 well to 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 six new employees. Beginning in FY2020, one (1) new employee was added, one (1) additional new employee would start in FY 2021 (currently frozen), FY 2023, FY 2024, FY 2025, and FY2026 as well, for a total of 6 positions. The current minimum staffing per shift is 22, with 28 or 29 personnel assigned to cover leave. During the buildup 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 as the new station is placed in service in FY2026. This project does NOT include costs for an additional fire engine and ambulance, these costs are listed in separate CIPs.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2007 ACTIVITY NO: 350-1864	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	Fire Station Expansion/Relocation		$ 4,056,948

PROJECT DESCRIPTION/JUSTIFICATION (Continued)

In 2006 a study 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 2023, this study will be updated to ensure the proper location and size of station is constructed based on the 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 2026, 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 2025, 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 in sections L, I, and G of the 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 station would be approximately $989,842 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 24, with 30 personnel assigned per shift. At that time, the 6 new positions would add 3 Medical Officers and 3 firefighters to the department roster.

RELATIONSHIP TO OTHER PROJECTS

This project is related to Ambulance Replacement and Addition (#350-3507) and Ladder Truck & Pumper Replacement and Addition (#350-1016).

OUTCOME

Vibrant Community: Healthy and Safe: Provide 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: Station 5 Bathroom Remodel			YEAR FIRST SUBMITTED: FY2021 ACTIVITY NO: 350-1140		TOTAL PROJECT COST $ 15,300
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 15,300	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,300	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 15,300	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,300	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will remodel the only bathroom in Fire Station 5 (689 South Grandview Ave). The fixtures and finishes are worn and becoming more prone to repairs. As this is the only restroom for the building, reliability and functionality are important to maintain a habitable station. The project will update and rebuild the space to provide less maintenance and extend the useful life of the facility.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
13 - Fire	1C - Public Safety	Building Maintenance at Fire Station 3	FY2022 ACTIVITY NO: 350-2878	$ 28,363

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Roof Replacement and Repairs	$ 20,163	$ —	$ —	$ —	$ —	$ —
		Tuckpointing and Brick Sealing	$ 8,200	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 28,363	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 28,363	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 28,363	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION
This project is to replace the flat roof portion of Fire Station Three at 3199 Central Ave. (constructed in 1979) and make small repairs to the remaining metal roof. The project also funds general maintenance tuckpointing to repair brick joints and seal the brick exterior of the building.

RELATIONSHIP TO OTHER PROJECTS
This project is not related to other capital projects.

OUTCOME
Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS
This project may only be funded by Sales Tax (20%)

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Pebble Cove Park Development	FY 2010 ACTIVITY NO:	$ 214,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ 20,000	$ —	$ —	$ —
		Construction	$ —	$ —	$ 194,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 214,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 214,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 214,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for developing a mini-park in the Pebble Cove subdivision off Charleston Court (south of the Northwest Arterial and west of John F. Kennedy Road). The developer of the Pebble Cove subdivision has donated property for the development of this park. The Council approved the subdivision in 2008 with no specific timeline commitment. This park would primarily serve the subdivision. The park development would include a playground and park amenities. The parcel currently has a large culvert on the site for stormwater runoff from the Northwest Arterial. This drainage issue will need to be evaluated and properly corrected before a park can be developed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2010		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	North Fork Trail Park Development			ACTIVITY NO:		$ 214,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ 20,000	$ —	$ —	$ —
		Construction	$ —	$ —	$ 194,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 214,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 214,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 214,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for developing a mini-park in the subdivision being constructed at the corner of Kennedy Road and Pennsylvania Avenue and can be accessed by Keymont Drive. The developer of this subdivision donated land for the development of a mini-park on the eastern side of the subdivision and west of the creek. Council approved the subdivision in 2009 with no specific timeline for development. In the future, this area could also serve as a trailhead if a trail is developed, connecting this property with Usha Park (Pennsylvania and the Arterial) and with Asbury Road if property along St. Celia is donated to the City (as shown on the preliminary plat for that property).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Roosevelt Park Redevelopment	FY 2011 ACTIVITY NO:	$ 35,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 35,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ 178,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 35,000	$ 178,500
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 35,000	$ 178,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 35,000	$ 178,500
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ —	$ —	$ —	$ —	$ 10,000

PROJECT DESCRIPTION/JUSTIFICATION

A concept plan for Roosevelt Park was approved by the City Council in 2010. With the Southwest Arterial completed, it is appropriate to master plan the park for development to begin. Several community groups have expressed interest in providing activities in the FDR. Two areas are already leased for the Storybook Zoo and model airplanes. This 207-acre site is valuable, with woodlands and open spaces. The concept plan shows a pet park, sports field, mountain bike trail, disc golf, managed woodlands, prairie restoration, picnic areas, and playground as well as lead mine interpretation.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	All Parks- Cameras/Code Blue Phones	FY 2019	$ 112,050
			ACTIVITY NO: 350-2105	
			102-2105	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 4,933	$ 5,067	Equipment	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ —
$ 1,735	$ 5,504	Contract Services	$ 5,811	$ —	$ 7,000	$ 7,000	$ —	$ —
		Fiber	$ 15,000	$ —	$ 15,000	$ 15,000	$ —	$ —
$ 6,668	$ 10,571	TOTAL	$ 30,811	$ —	$ 32,000	$ 32,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 32,000	$ 32,000	$ —	$ —
$ 6,668	$ 10,571	Sales Tax Fund (20%)	$ 30,811	$ —	$ —	$ —	$ —	$ —
$ 6,668	$ 10,571	TOTAL	$ 30,811	$ —	$ 32,000	$ 32,000	$ —	$ —

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 relation to the proximity of Engineering camera projects in the community. This project would be continuous 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. This CIP was funded in FY20 but not FY21.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project can only be funded by Sales Tax Fund (20%) and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2015		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Parks - Paint Light Poles			ACTIVITY NO:		$ 30,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 15,000	$ 15,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 15,000	$ 15,000	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ 15,000	$ 15,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 15,000	$ 15,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting light poles in park facilities. The light poles at Allison-Henderson Park need to be repainted. Future requests will include painting light poles at other park facilities.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	All Parks - Replace Security Lights	FY 2011 ACTIVITY NO: 102-2368	$ 35,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 6,386	$ 8,614	Equipment	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 6,386	$ 8,614	TOTAL	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ —	$ —
		B. PROJECT FINANCING						
$ 6,386	$ 8,614	DRA Distribution	$ 5,000	$ 5,000	$ —	$ 5,000	$ —	$ —
		DRA Gaming	$ —	$ —	$ 5,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 6,386	$ 8,614	TOTAL	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ (3,000)	$ (3,000)	$ (3,000)	$ (4,000)	$ (4,000)	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing security lights including flagpole 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. The 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 affects 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	All Parks - Renovate Water Systems	FY 2006 ACTIVITY NO: 350-1158 102-1158	$ 86,486

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 4,081	$ 5,405	Construction	$ 7,000	$ 20,000	$ 25,000	$ 25,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,081	$ 5,405	TOTAL	$ 7,000	$ 20,000	$ 25,000	$ 25,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 5,405	Sales Tax Fund (20%)	$ —	$ 20,000	$ —	$ 25,000	$ —	$ —
$ 4,081		DRA Distribution	$ 7,000	$ —	$ 25,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,081	$ 5,405	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 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2018	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Building & Structures Assessment	ACTIVITY NO:	$ 5,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ 5,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 5,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 5,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 5,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for an assessment of buildings and structures at Eagle Point Park. Eagle Point Park is an asset to the Dubuque community. A complete assessment of all buildings and structures is necessary to maintain the unique beauty of the park. The assessment would evaluate the integrity, deficiencies and longevity of all structures and buildings in the park both historic and modern. It would allow for budgeting to be based on priority needs of the park. This would help in grant preparation for future work.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Concrete Improvements	FY 2013 ACTIVITY NO: 350-1453 102-1453	$ 149,862

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 2,710	$ 27,152	Construction	$ 60,000	$ —	$ 30,000	$ 30,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,710	$ 27,152	TOTAL	$ 60,000	$ —	$ 30,000	$ 30,000	$ —	$ —
		B. PROJECT FINANCING						
$ 2,710	$ 27,152	DRA Distribution	$ 60,000	$ —	$ 30,000	$ 30,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,710	$ 27,152	TOTAL	$ 60,000	$ —	$ 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 that 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Stone Work	FY 2000 ACTIVITY NO: 102-1677	$ 206,323

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 6,323	Construction	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 6,323	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 6,323	DRA Distribution	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 6,323	TOTAL	$ 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Renovate Log Cabin Pavilion	FY 2010 ACTIVITY NO: 102-1683	$ 111,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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, roof work, 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 may only be funded by Sales Tax Fund (20%) and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2021	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	EPP- Renovate Shiras Memorial Pavilion	ACTIVITY NO:	$ 55,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ —	$ —	$ —	$ 5,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 55,000	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ 5,000	$ —	$ —
		DRA Gaming	$ —	$ —	$ —	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 55,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide for the renovation of the Shiras Memorial Pavilion at Eagle Point Park. The pavilion has begun to deteriorate and needs repair. The Spanish roof tiles are breaking and falling off. The stucco ceiling has also begun to deteriorate and come loose falling on the picnic tables. The fascia and soffit are also experiencing some rotting and need to be replaced in some locations. This pavilion is one of the most popular pavilions and a truly unique structure within the park. Repairs are needed.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Replace Water Lines	FY 2018 ACTIVITY NO: 102-2827	$ 310,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 10,000	Design & Engineering	$ —	$ 10,000	$ —	$ —	$ —	$ —
	$ 41,218	Construction	$ 48,782	$ 150,000	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 51,218	TOTAL	$ 48,782	$ 160,000	$ 50,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 51,218	DRA Distribution	$ 48,782	$ 160,000	$ —	$ —	$ —	$ —
		DRA Gaming	$ —	$ —	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 51,218	TOTAL	$ 48,782	$ 160,000	$ 50,000	$ —	$ —	$ —

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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2021	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	EPP-Replace Roof on Eagles View Pavilion	ACTIVITY NO:	$ 45,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering	$ —	$ —	$ —	$ 5,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 45,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ 5,000	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 45,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the cedar shake roof on the Eagle's View Pavilion at Eagle Point Park. The roof is deteriorating and has begun to leak. The pavilion is one of the more popular pavilions that is rented at the park. 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Replace Roof on Terrace Room	FY 2011 ACTIVITY NO: 102-1761	$ 24,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Rest Room Renovation	FY 2015 ACTIVITY NO: 102-1866	$ 87,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 47,000	Construction	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,000	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
		B. PROJECT FINANCING						
	$ 47,000	DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,000	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for renovating Eagle Point Park restrooms. The interior of the restrooms has remained unchanged for many years. Plumbing and partitions would be updated and replaced. The renovations would include the restroom building near the Eagle's View Pavilion ($40,000) and completing the renovation of the center of the park restroom, Log Cabin restroom, and Indian Room restroom. The exterior of the buildings will remain unchanged and protect their historic integrity.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Riverfront Pavilion Restoration	FY 2007 ACTIVITY NO: 102-2190	$ 94,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 89,000	$ —	$ —
		Design and Engineering	$ 5,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Eagle Point Park - Street Light Replacement	FY 2002 ACTIVITY NO: 102-1594	$ 40,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ 20,000	$ 20,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 20,000	$ —	$ —	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ 20,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ (1,150)	$ (1,150)	$ (1,150)	$ (1,150)	$ (1,150)	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing streetlights throughout Eagle Point Park. Currently there are 123 streetlights 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Flora Park - Pave Wilbright, Pool, Tennis Court, and Slattery Center Parking Lots	FY 2009 ACTIVITY NO: 350-1868	$ 61,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 other Flora Park parking lots. These lots are beginning to crack and become 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2011	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Flora Park - Replace Lights on Tennis Courts	ACTIVITY NO:	$ 102,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ 5,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ 97,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 102,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 102,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 102,000	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ —	$ —	$ (1,300)	$ (1,300)	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing lights on the five tennis courts in Flora Park. The tennis courts in Flora Park are the most popular in the park system. The lights are outdated, and the foot candle level is not adequate. The wood poles are no longer standing straight and lean, and they will be replaced with steel poles. These new fixtures will save approximately $1,300 per year in operating costs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 30 - Leisure Services Park Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Forestry Building - Replace Roof			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO:		TOTAL PROJECT COST $ 40,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the flat rubber roof on the forestry building. This roof is over thirty-five years old and was to be replaced in Fiscal Year 2022. By Fiscal Year 2025 the roof will be over 40 years old.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Four Mounds Parking Improvements	2021 ACTIVITY NO: 102-2879	$ 70,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 70,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 70,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide additional funding for parking and ADA improvements at Four Mounds. These improvements include a 10-space paved parking lot including two accessible spaces, lower-use permeable (reinforced grass) overflow parking of 24 spaces, and an ADA accessible 4' sidewalk from the parking area, connecting to the Phase III visitor ADA accessible visitor station, its walk, the council circle, camp area and ropes course. The project received a $50,000 Resource Enhancement and Protection (REAP) grant in FY 2019. The city bid the project in 2019 but discovered that the costs to do the project exceeded the grant amount. This CIP will fill the funding gap on the 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 may only be funded by Sales Tax 20% or DRA Funding

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2018		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Gay Park- Replace Play Unit			ACTIVITY NO:		$ 90,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ 80,000	$ —	$ —	$ —
		Contract Services	$ —	$ —	$ 10,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 90,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Ham House- Replace Roof	FY 2018 ACTIVITY NO: 350-2184	$ 145,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ 14,500	$ —	$ —	$ —	$ —
		Construction	$ —	$ 130,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 145,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ 145,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 145,000	$ —	$ —	$ —	$ —

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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Ham House Exterior and Landscape Improvements	FY 2020 ACTIVITY NO: 102-2826	$ 90,834

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 43,200	Pay to Another Agency	$ 47,634	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 43,200	TOTAL	$ 47,634	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 43,200	DRA Distribution	$ 47,634	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 43,200	TOTAL	$ 47,634	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for matching funds in total of $136,250 over three years provided to the Dubuque County Historical Society (DCHS). DCHS applied for a Great Places grant through the State of Iowa which requires matching funds. The grant covers trails on the site, ADA access, repair of the log cabin and schoolhouse, and landscape improvements. It also would provide for a condition assessment. This assessment would help gain insights and documentation that would be valuable in future grant writing. The grant currently is matched with a $40,000 CIP from the Leisure Services FY 18 CIP budget for wood renovation on the exterior of the building, a $23,557 city grant, and a $45,175 HRDP grant. The total grant project is $666,993. The lease of the Ham House with DCHS provides that the City is to care for the exterior of the Ham House.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Partnership for a Better Dubuque: Engage all contracted partners in advancing Council goals and community betterment.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2016	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Hilltop Park - Replace Play Unit	ACTIVITY NO:	$ 68,615

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ —	$ 58,615	$ 28,885
		Contract Services	$ —	$ —	$ —	$ —	$ 10,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 68,615	$ 28,885
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ —	$ 28,885
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 68,615	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 68,615	$ 28,885

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the play unit in Hilltop Park. By Fiscal Year 2026 the play unit in Hilltop Park will be 36 years old. This is past typical replacement timing for the use it receives. 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. Installing a new system would allow it to be placed in a location where it would be ADA accessible. This is due to the parcel of land adjacent to the park that was donated to the City. This cost includes contracting 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Jackson Park - Amenities Improvement	FY 2015 ACTIVITY NO: 360-2828	$ 310,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 240,000	Construction	$ 60,000	$ —	$ —	$ —	$ —	$ —
	$ 10,000	Contract Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 250,000	TOTAL	$ 60,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 250,000	G.O. Debt (GDTIF)	$ —	$ —	$ —	$ —	$ —	$ —
		Greater Downtown TIF	$ 60,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 250,000	TOTAL	$ 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. 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. $250,000 is currently budgeted in FY21.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, 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:		TOTAL PROJECT COST $ 82,500
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ 72,500	$ —	$ —	$ —	$ —
		Contract Services	$ —	$ 10,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 82,500	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Marshall Park - Replace Play Unit	FY 2017 ACTIVITY NO:	$ 150,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ —	$ 140,000	$ —
		Contract Services	$ —	$ —	$ —	$ —	$ 10,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 150,000	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 150,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 150,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the play unit in Marshall Park. By Fiscal Year 2026, the play unit in Marshall Park will bet thirty-one years old. This is past typical replacement timing for the use it receives. The project would include poured in place surfacing under the play unit requiring minimal maintenance. 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Miller Riverview Park - Quick Connects for Pedestals	FY 2011 ACTIVITY NO:	$ 40,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 40,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for quick connects on the campsite electrical pedestals. These quick connects will allow ease to remove pedestals during high water. Around $3,000 to $3,500 is spent each time the breaker panels are removed and re-installed so this project would pay for itself in around 10 flood events. Some years have as many as three separate flood events. It is difficult to estimate operating savings due to this being weather and flood related which varies year to year.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Murphy Park - Replace Water Lines	FY 2018 ACTIVITY NO: 102-2880	$ 110,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 10,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ 100,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 10,000	$ 100,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 10,000	$ —	$ —	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ 100,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 10,000	$ 100,000	$ —	$ —	$ —	$ —

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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2011	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Murphy Park - Replace Roof on Rest Room Building by the Tennis Courts	ACTIVITY NO:	$ 15,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 restroom 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Storybook Zoo Playground Replacement	FY 2009 ACTIVITY NO:	$ 110,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ 100,000	$ —	$ —	$ —	$ —
		Contract Services	$ —	$ 10,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 110,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ 110,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 110,000	$ —	$ —	$ —	$ —

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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Ash Tree Removal and Tree Replacement	FY 2021 ACTIVITY NO: 102-2830	$ 1,500,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 250,000	Tree Removal	$ 250,000	$ 250,000	$ 75,000	$ —	$ —	$ —
	$ 25,000	Tree Replacements	$ 25,000	$ 25,000	$ 300,000	$ 175,000	$ 125,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 275,000	TOTAL	$ 275,000	$ 275,000	$ 375,000	$ 175,000	$ 125,000	$ —
		B. PROJECT FINANCING						
	$ 275,000	DRA Distribution	$ 275,000	$ 200,000	$ 300,000	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ 75,000	$ 75,000	$ 175,000	$ 125,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 275,000	TOTAL	$ 275,000	$ 275,000	$ 375,000	$ 175,000	$ 125,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This capital improvement project provides funds for the removal of ash trees due to Emerald Ash Borer (EAB) and tree replacements. In FY21, $45,000 was available in the Park Division operating budget to assist with contract removal of ash trees and stumps. There are approximately 500 ash trees that still need to be removed as of September 2020. This number includes City-owned street ash trees, ash trees in parks, and ash trees on other city properties. The removals would also include grinding of the stumps. On average it cost approximately $1300 to remove a medium to large size ash tree including stump grinding. This request is for continued funding for the contract removal of ash trees and tree stumps. The mortality rate of these ash trees is increasing dramatically, and the trees will soon become a liability if not removed. Due to Emerald Ash Borer, ash trees are being removed as a top priority in the Park Division. There is a $5,000 capital budget for grant matching funds for tree replacements. With trees being removed at an alarming rate, funds need to be readily available to replace these trees. In FY21, $25,000 was approved in the Park Division operating budget for the purchase of trees. The average cost of a 2 1/2-inch caliper tree is approximately $300 not including planting cost. The City has a great partnership with Dubuque Trees Forever. The Trees Forever group has been essential in assistance with planting trees throughout the community. This funding would provide for the purchase of approximately 83 2-1/2 inch caliper trees to be planted throughout the community in FY 2022 and FY 2023, 417 trees in FY 2024, 583 in FY 2025, and 417 in FY 2026. Trees provide so many benefits to the community including energy savings and stormwater runoff reduction. It is estimated to cost $500,000 for replacement (purchase and installation) of the 1300 ash trees that will be removed (data from the 2015 EAB Readiness Plan).

RELATIONSHIP TO OTHER PROJECTS

This project is not related to the Street Tree Program capital project.

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%) and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2009		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Ecological Restoration			ACTIVITY NO:		$ 20,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Consultant Services	$ —	$ —	$ —	$ —	$ 20,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 20,000	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 20,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 20,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for hiring an outside consultant/contractor to train staff for the proper methods of maintaining wetlands and prairie areas. One maintenance item includes prescribed burning. We have prairie established in the Bee Branch Creek Greenway, 32nd Street detention basin, Creekwood Park, Eagle Point Park, wetlands at the Dubuque Industrial Center West, and the other stormwater areas that need further establishment and maintenance. Burning is the best way to maintain these areas. One-third of the total area should be burned annually, at a minimum. Until the area is mature enough to create the material needed to burn, hand weeding is needed to allow the prairie to establish. Once trained, staff will be able to continue to successfully and sustainably manage the city's wetland and prairie areas.

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 may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Street Tree Program	FY 2000 ACTIVITY NO: 350-1458 102-1458	$ 272,378

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 28,651	Landscaping	$ 30,115	$ 33,500	$ 30,112	$ 50,000	$ 100,000	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 28,651	TOTAL	$ 30,115	$ 33,500	$ 30,112	$ 50,000	$ 100,000	$ 100,000
		B. PROJECT FINANCING						
	$ 26,151	Sales Tax Fund (20%)	$ 30,115	$ 33,500	$ 30,112	$ 50,000	$ 100,000	$ 100,000
	$ 2,500	DRA Distribution	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 28,651	TOTAL	$ 30,115	$ 33,500	$ 30,112	$ 50,000	$ 100,000	$ 100,000

PROJECT DESCRIPTION/JUSTIFICATION

The budget for FY 2022 and beyond would provide for replacing trees as specified in the Street Tree Policy updated in FY16 and after Emerald Ash Borer, a 2019-2021 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 the size of planting lawns and the 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 has 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 100 to 200 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. Tree replacements are only one part of this program.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Ash Tree Removal and Tree Replacement capital project.

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%) and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Retaining Walls	FY 1999 ACTIVITY NO: 350-1055 102-1055	$ 79,756

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 34,756	Construction	$ 5,000	$ 10,000	$ 5,000	$ 25,000	$ —	$ —
		Engineering Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 34,756	TOTAL	$ 5,000	$ 10,000	$ 5,000	$ 25,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 5,000	$ —	$ 5,000	$ 25,000	$ —	$ —
	$ 34,756	Sales Tax Fund (20%)	$ —	$ 10,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 34,756	TOTAL	$ 5,000	$ 10,000	$ 5,000	$ 25,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the beginning of a 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, but the appearance of the area will also 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: Retain well-built, well-maintained, and upgraded parks and park amenities.

FUNDING RESTRICTIONS

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

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2016		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Highway 20 Irrigation			ACTIVITY NO:		$ 25,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 25,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 25,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 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 may only be funded by Sales Tax Fund (20%) and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Highway 20 Replace Roses	FY 2011 ACTIVITY NO: 350-1588	$ 106,340

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 100,000	$ —	$ 750,000
	$ 6,340	Landscaping	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
	$ 6,340	TOTAL	$ —	$ —	$ —	$ 100,000	$ —	$ 750,000
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ 100,000	$ —	$ 750,000
	$ 6,340	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
	$ 6,340	TOTAL	$ —	$ —	$ —	$ 100,000	$ —	$ 750,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a project to replace the roses on Highway 20. The rose beds are extremely high maintenance. The Junipers around them are starting to deteriorate. A plan to re-landscape the entire Hwy 20 Corridor from Locust Street to Devin Drive has been conceptually drafted. The new landscape will tolerate the highway elements, lower maintenance costs over time, and provide sustainability. The preliminary cost of the entire project is estimated at $2.5 million. The first area to be addressed are the four landscaped beds with the roses in them. Secondary projects include exposing some bluffs along the corridor and some native plantings. It is estimated to cost $403,000 to re-landscape the 4 landscaped beds with roses.

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%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Parks - Resurface Tennis Courts	FY 2008 ACTIVITY NO: 350-2290	$ 40,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 40,000	$ —	$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for crack sealing and resurfacing of tennis and volleyball courts at Flora, Murphy, and Eagle Point Park. The existing courts are beginning to experience large cracks. Community members are beginning to voice their opinions on the safety of the courts. Flora Park would be addressed first, then the others. These courts are heavily used and require maintenance and upkeep on a scheduled basis. CIP first created in FY2008 to address Murphy, then additional facilities added in FY2016.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

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

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Industrial Center Native Plantings			ACTIVITY NO:		$ 50,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Contract Services	$ —	$ —	$ —	$ 20,000	$ 30,000	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ 30,000	$ —
		B. PROJECT FINANCING						
		DICW TIF	$ —	$ —	$ —	$ 20,000	$ 30,000	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ 30,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for native seeding in Industrial Center areas. There are various areas in Technology Park, Dubuque Industrial Center West and Industrial Center South that would benefit from native plantings. The plantings would provide visual appeal as well as pollinator and bee habitat. The plantings would be installed by a certified contractor with a two-year maintenance agreement. Staff would maintain the areas once the agreement has expired.

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%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
30 - Leisure Services Park Division	4C - Culture & Recreation	Washington Community Gateway	FY 2016 ACTIVITY NO:	$ 105,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ 15,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ 90,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 15,000	$ 90,000	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ —	$ —	$ —	$ 15,000	$ 90,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 15,000	$ 90,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for developing the vacant lot at 1401 Elm Street as a Washington Community Gateway. The city purchased this property in 2014. The structure has been removed and the lot is currently grass. This project would provide for such amenities as three flag poles, park lighting, security cameras, perimeter fencing, a welcome sign to the Washington neighborhood and, a drinking fountain.

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%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2017		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Maintenance Headquarters - Wash Bay			ACTIVITY NO:		$ 20,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 20,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 20,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for constructing a wash bay at park maintenance headquarters for large and small equipment. There is currently no place to wash equipment and vehicles at the park maintenance shop. They are just washed where a hose is available to clean them. This allows grease and debris to flow into the storm drains. A wash bay would have a drain connected to the sanitary sewer for proper disposal of wastewater.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2015		TOTAL PROJECT COST
30 - Leisure Services Park Division		4C - Culture & Recreation	Paint Railings			ACTIVITY NO:		$ 20,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 20,000	$ —	$ 20,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting railings throughout the park system maintenance areas. These include 16th Street, Orange Park, Pyatigorsk Park, Locust Street Connector and Main Street, as well as other parks. The railings are rusted and need to be repainted. Future budgeting will be added to put railings on a five-year paint cycle.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division	4C - Culture & Recreation	Arena - Air Conditioner Replacement	FY 2012 ACTIVITY NO: 360-2881	$ 100,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 100,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ 100,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for emergency repairs to the arena air conditioning units; Roof Top Units (RTU) 1-7 and 9. The air conditioning units were installed in 2005 and have a life span of fifteen years. The units are currently having issues with repair costs mounting. The comfort of patrons at the events of the center are incumbent on a reliable air conditioning system. Several events were plagued with hot temperatures in the arena when the air conditioning systems broke down.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2020	TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division	4C - Culture & Recreation	Five Flags Building Improvements	ACTIVITY NO:	$ 6,000,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering	$ —	$ —	$ 600,000	$ —	$ —	$ —
		Construction	$ —	$ —	$ 5,400,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 6,000,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		G.O. Debt (GDTIF)	$ —	$ —	$ 5,750,000	$ —	$ —	$ —
		Greater Downtown TIF	$ —	$ —	$ 250,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	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. 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, 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. 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2013		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Arena - Ballroom Floor Reseal			ACTIVITY NO:		$ 26,500
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 26,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 26,500	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ —	$ 26,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 26,500	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for re-sealing the floor in the Ballroom. Sealing the concrete floor protects the concrete and extends its useful life. Old sealant needs to be removed and replaced every fifteen years and was last done in Fiscal Year 2000. This is far past 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2014		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Arena - Paint Exterior Steel Siding			ACTIVITY NO:		$ 103,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 103,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 103,000	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ —	$ 103,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 103,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting the arena exterior siding and flashing's and re-caulking at brick line. This project would include painting the exterior's sheet metal and structural steel on the roof as well as flashings. The exterior caulking sheet metal to brick will be removed and reinstalled. This project will give new life to the exterior as the sheet metal is showing signs of aging and environmental effects. The Center opened in 1979 and by Fiscal Year 2026 that will be forty-seven years. Locust Street is a main entry to the city and appearance of this building is very important.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2010		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Theater - Dressing Rooms Remodel			ACTIVITY NO:		$ 54,050
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 4,525	$ —
		Construction	$ —	$ —	$ —	$ —	$ 49,525	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 54,050	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ —	$ 54,050	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 54,050	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for complete renovation of the dressing rooms below the stage of the theater. The floor plan will be redesigned with new walls, electrical, plumbing and flooring installed. The theater dressing rooms are 47 years old and no longer meet the needs of performers as they expect much more from the venues they perform in. The rooms are too small and do not have features expected by performers and companies who rent the facility. Bathroom fixtures will be updated for this project as well.

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 may only be funded by 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 - Gate A and C Remodel			YEAR FIRST SUBMITTED: FY 2013 ACTIVITY NO:		TOTAL PROJECT COST $ 114,100
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 10,600	$ —
		Construction	$ —	$ —	$ —	$ —	$ 103,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 114,100	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ 114,100	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 114,100	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for remodeling the over forty-year-old (1970's vintage) concession areas in Gates A and C. The two stands were not renovated as part of the 2005 project. Walls will be removed to enlarge the rooms, increase receptacles, add preparation tables, install dishwashers, and other improvements to better facilitate food prep and concession sales. The business model for the Civic Center relies heavily on concession revenues and catering for events. Five Flags has a full schedule that has catering needs and a great variety of events. This project will provide appropriate space for food prep, waste disposal and cleanup, as well as improved concession stands for events in the arena. Gate C has original blue counters from when the arena was built. Gate A needs similar renovation. Both areas do not currently provide an appealing sales area for customers during events and/or area suitable for catering since Five Flags has no kitchen facilities. ADA improvements will be built in at that time.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2010		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Arena - Masking Equipment			ACTIVITY NO:		$ 41,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ —	$ 41,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 41,000	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 41,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 41,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for purchasing and using chain motors, controls for chain motors and cabling. This project will enable Five Flags to divide up the Arena into various sizes based upon concert size and/or dress up the arena for events by hanging curtains in front of the east, west and north walls giving a more sophisticated look. It allows the opportunity to create a show area larger than the theater and smaller than the entire arena creating an ambiance for a medium size show. The equipment is used to give a theater look when national touring musicals play in the arena. The equipment is used for hanging, raising and lowering curtains. The current equipment was purchased in 2001. Renting similar units is expensive and takes staff time and transportation costs increasing operational costs and lessening profits.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division	4C - Culture & Recreation	Theater - Orchestra Pit Lift	FY 2003 ACTIVITY NO:	$ 256,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 19,500	$ —
		Construction	$ —	$ —	$ —	$ —	$ 236,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 256,000	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 256,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 256,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for installing a motorized lift on the orchestra pit. The orchestra pit has a cover that, when raised, enlarges the stage floor. A lifting ram or other drive system will raise and lower this cover, quickening the changeover time, lowering labor costs and increasing safety. Installation of an automated orchestra pit would virtually eliminate risk and worker injury incurred while changing the height of the orchestra pit. Labor to raise and lower the pit will be reduced and quick changeovers made possible. The floor would also be sturdier for performances on the theater stage.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Arena - Stage Deck Replacement			ACTIVITY NO:		$ 255,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		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 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 its 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Theater - Carpet Replacement			ACTIVITY NO: 102-2882		$ 70,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 70,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 70,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the carpet which was installed in 2001. It is bubbling up and creating a tripping hazard for people going to their seats. By FY25 the theater carpet will be 24 years old.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2016		TOTAL PROJECT COST
32 - Leisure Services / Civic Center Division		4C - Culture & Recreation	Arena - Locker Shower Facilities			ACTIVITY NO: 102-1617		$ 16,300
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 16,300	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 16,300	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 16,300	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 16,300	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing shower heads in four locker rooms. The shower heads are in units of three currently and will be replaced in a new configuration of individual stalls rather than gang showers. The shower heads are original to the building (1979) and leak. Parts can't be found for repairs. Replacing them will reduce water usage and allow floor tiles to last longer and not become stained from dripping. The showers are currently used by events such as Harlem Globetrotters, Mixed Martial Arts Fighters, Colts Drum and Bugle Corps weekend tryouts, concern performers, etc. Having working showers is vital to hosting these events at Five Flags. One fixture in each of locker rooms will be ADA compliant.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Flora and Sutton Swimming Pools Annual Maintenance	FY 2016 ACTIVITY NO: 102-1890 350-1890	$ 332,735

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 167,735	Construction	$ 30,000	$ 135,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 167,735	TOTAL	$ 30,000	$ 135,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 167,735	DRA Distribution	$ 30,000	$ 135,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 167,735	TOTAL	$ 30,000	$ 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: FY 2021: Repair deck ($10,000); Paint Flora Pool Tank ($60,000 - 5-year cycle) FY2022: Repair Leak from underground pipe in Flora water playground ($30,000) 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: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

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

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Flora & Sutton Filter Tank Replacement			YEAR FIRST SUBMITTED: FY2021 ACTIVITY NO:		TOTAL PROJECT COST $ 200,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 200,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 200,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 200,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 200,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The filter tanks at both Flora and Sutton pools are now over 25 years old and are beginning to show signs of deterioration both externally and internally. Staff began working with local contractors to service the tanks to keep them operational in 2017. In the spring of 2019, interior structural repairs were completed on the Flora tanks which should extend their life for another 3 or 4 years. Similar repairs will be made to the Sutton tanks in the spring of 2020. The cost of these repairs is roughly $2,400 per tank depending on the damage uncovered while assessing the repair. Today's filter tanks are more efficient and constructed with more sustainable materials. Each pool currently has 3 tanks. With the newer tanks, 1 less tank would need to be replaced at each site. The rough estimate for this replacement including the disposal of the current structures is $135,000 for Flora and $115,000 for Sutton.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the F&S Annual Maintenance CIP (#102/350-1890)

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	F&S Water Playground Replacements	2022 ACTIVITY NO:	$ 150,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 150,000	$ 150,000

PROJECT DESCRIPTION/JUSTIFICATION

The water playgrounds at both Flora and Sutton pools were added in 2001. These amenities provide a safe and separate aquatic experience for our young citizens between the ages of 18 months to 5 years old. During the 2019 season, staff noticed critical connection joints failing in the water slides for both structures. In addition, rust had formed enough within the water features to the point of making its way into the swimming areas. Near the end of the 2019 season, staff decided to close down these swim areas until repairs could be made to each structure. Unfortunately, the company that manufactured and installed this play equipment was found to no longer be in business. From speaking with other aquatic companies, they also did not have access to replacement parts specific to the equipment. Staff was able to locate a company that could fabricate a new slide and connection to serve as a safe yet short-term solution. Staff also is working with local machinists to work on minimizing the rust accumulation within the steel water features which adds staff time, is costly, and is not a long-term solution. In 2026 these play structures will be over 25 years old. Much like the pools themselves, this is well past their expected life span both infrastructurally and based on the modern amenities. There are several aquatic manufacturers who have been around prior to 2001 and who are still actively installing new water play structures throughout the country today. Staff has met with several of these companies at both our national NRPA Conferences and locally. To keep the project costs down, new modern structures can be designed to fit using the current water flow system in each pool.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the F&S Annual Maintenance CIP (#102/350-1890)

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Bunker Hill Golf Course - Construct Cart Paths	FY 2017 ACTIVITY NO: 370-2001	$ 20,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Bunker Hill Golf Course - Tee Improvements	FY 2016 ACTIVITY NO: 370-1527	$ 20,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 renovating tee areas. This project will be accomplished by 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: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2015		TOTAL PROJECT COST
34 - Leisure Services / Recreation Division		4C - Culture & Recreation	Bunker Hill Golf Course - Range Project			ACTIVITY NO:		$ 72,170
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ 72,170	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 72,170	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ 72,170	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 72,170	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Revenue	$ —	$ —	$ —	$ —	$ —	$ 49,387

PROJECT DESCRIPTION/JUSTIFICATION

This project provides a revised 18th fairway and green along with the installation of a practice area/driving range. The golf industry will only continue to be more competitive in the future. The ability to attract new pass holders heavily relies on amenities. More importantly, the retention of current pass holders builds a foundation for consistent service and in-house marketing which both lead to growing revenue streams. The addition of a quality practice area and driving range will help both retain current pass holders and attract new golfers. It will also grow lesson revenue by having the ability to provide a wider range of offerings, off-season usage, increase partnership usage with the local schools, attract more tournaments, and increase ancillary sales through a standalone revenue source. Per the attached revenue projects for just the basic range operation and the minimal additional cost to operate, at 25% capacity during peak hours the facility could generate an additional $49,387 annually.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Increase enterprise/general fund reserve funds to 20%.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2016		TOTAL PROJECT COST
34 - Leisure Services / Recreation Division		4C - Culture & Recreation	Bunker Hill Golf Course - Material Storage Renovation			ACTIVITY NO:		$ 15,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 15,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 15,000	$ —
		B. PROJECT FINANCING						
		Golf Fees	$ —	$ —	$ —	$ —	$ 15,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 15,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the construction costs to build material collection areas at the Bunker Hill Golf Course. The current collection area for sand, topsoil, etc. is located at the end of the parking lot and in plain sight. This area is not covered or secured. Being able to improve this area will help aesthetically as well as better preserve the material for future use.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks, and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Golf Fees, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY22		TOTAL PROJECT COST
34 - Leisure Services / Recreation Division		4C - Culture & Recreation	Bunker Basement/Foundation Repair			ACTIVITY NO: 350-1058		$ 30,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 30,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 30,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 30,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 30,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the repair and mitigation of the Bunker Hill facility basement flooding. The Bunker Hill Administration and Golf Operations building is over 100 years old. The basement of this facility is utilized for program, office, and golf storage. During heavy rains, the basement consistently floods. This water causes access issues to equipment and supplies, creates an unhealthy environment with the potential to develop mold and other contaminants as well as damages equipment and supplies not able to be stored above floor level. There are at least 2 areas of concern that would need to be addressed along the foundation walls in order to mitigate these water issues.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	MFC - Rooftop Equipment	2020 ACTIVITY NO: 350-2883	$ 35,200

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant	$ 3,200	$ —	$ —	$ —	$ —	$ —
		Construction	$ 32,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,200	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 35,200	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,200	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for employee and contractor access to the rooftop HVAC and mechanical equipment of the Multicultural Family Center. During the renovations an elevated walkway was constructed around the equipment with raised platforms. Access across the roof to the raised platforms was not completed and this needs to be installed for OSHA compliant access to perform preventative maintenance and repairs.

RELATIONSHIP TO OTHER PROJECTS

This project is related ot the recently completed Multicultural Family Center renovations in FY 21.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax 20% funds and DRA funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	MFC - Security Cameras	2020 ACTIVITY NO: 350-2884	$ 35,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ 35,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 35,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ 2,140	$ 2,140	$ 2,140	$ 2,140	$ 2,140

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for 20 cameras inside and outside the Multicultural Family Center. When the Center was established in 2009 there were no cameras installed. Last year the new addition has now been remodeled and the two buildings are connected. Public city facilities are monitored with cameras both inside and outside and this will allow the addition and use of a camera for the Multicultural Family Center and the offices portion of the building that also houses Human Rights. The ongoing cost per year for the 20 cameras is listed in the operating cost.

RELATIONSHIP TO OTHER PROJECTS

The project is related to the completed FY 21 Multicultural Family Center remodel.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY21		TOTAL PROJECT COST
34 - Leisure Services / Recreation Division		4C - Culture & Recreation	POD - Signage Replacement			ACTIVITY NO:		$ 10,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 10,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 10,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ 10,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 10,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The original window signage located on the Port of Dubuque Convenient Store was installed in 2013. Due to weather and sun exposure, this window signage has a life span of 3 to 5 years. In 2019 the signage was clearly passed its' life span and was replaced using available operating funds. This capital improvement plan shortens the period of replacement to 4 years which is within the life span of the material while keeping up with the polished representation of the facility and the Port of Dubuque as a whole.

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 may only be funded by Sales Tax Fund (20%) or DRA Distribution

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Port of Dubuque Marina - Dock Maintenance	FY 2020 ACTIVITY NO: 102-2885	$ 30,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the annual maintenance for the Port of Dubuque Marina. FY'21 will be the 8th operating season for the marina and 9th year of the dock project being completed. During the 2018 boating season, there have been several equipment maintenance needs above and beyond any of the previous years. These include but were not limited to unexpected/budgeted repairs to the fuel pumps, fuel dispensers, dock pedestals, water lines, pump out mechanism, electrical, etc. In order to maintain what has become widely known as a first-class facility, a capital-funded replacement/repair plan needs to be put in place in an effort to minimize the impact that these failures could have to the quality of services offered at the marina.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

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

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2018		TOTAL PROJECT COST
34 - Leisure Services / Recreation Division		4C - Culture & Recreation	Port of Dubuque Flood Wall Dubuque Welcome Sign			ACTIVITY NO:		$ 30,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Signage	$ —	$ —	$ —	$ —	$ 30,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 30,000	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ —	$ —	$ —	$ —	$ 30,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 30,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the design, development, and installation of an 8 foot by 200 foot "Welcome to Dubuque" sign located on the flood wall near the Ice Harbor flood gates. There is currently no signage along the river to let patrons know that they have either arrived or are passing by Dubuque. Such a sign on the wall would not only be a welcoming visual for those visiting on cruise ships or other vessels but can create awareness on the river that this is an area they may approach in order to visit the City. This sign could also indirectly filter boat traffic into the Port of Dubuque Marina to dock and/or fuel. Included in this CIP would be the purchase and installation of solar lighting with a 5-year replacement cost of $3,500.

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%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	LS Facility/Deferred Maintenance Assessment	FY 2021 ACTIVITY NO: 101-2886	$ 90,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consulting	$ 90,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ 90,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide funding for a consulting agency to conduct a study of all leisure services facilities and parks, as well as a develop a maintenance plan for the best use of City funding to ensure that the services provided are of the highest quality possible as well as sustainable for the future growth of Dubuque. Currently, the Leisure Services Department maintains 53 parks (48 of which are developed), 25 shelters, 46 miles of trails, 43 playgrounds, 3 skate parks, and 13 building structures. The majority of these places and spaces have structures that are well over 25 years old and are still not ADA accessible. Over the years, the Parks and Recreation Divisions have submitted over 80 deferred maintenance CIP's totaling over 4 million dollars. Many of these CIP's have been moved either to future year disbursements or are removed from the 5-year plan. As these deferred maintenance funds continue to be moved, these aging structures continue to deteriorate. Staff does use what operating funds are available each year to provide quick fixes to these spaces in an effort to keep them safe, more efficient, and usable. However, an assessment of the spaces will provide a clear plan and steps to improve these areas through a funding structure that can help the department continue to provide well-maintained, quality facilities and services as well as meet expectations for all residents of Dubuque.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT: 34 - Leisure Services / Recreation Division		STATE PROGRAM: 4C - Culture & Recreation	PROJECT TITLE: Quality of Life Needs Assessment			YEAR FIRST SUBMITTED: FY 2015 ACTIVITY NO: 102-2887		TOTAL PROJECT COST $ 40,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Consultant Services	$ 40,000	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 40,000	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a parks and recreation department needs assessment. As part of the new Comprehensive Plan and its community engagement, it is clear that the Parks and Recreation Department plays a vital role in community health, play, growth and interaction. This assessment would cover an in-depth analysis of all services from parks, marketing, customer, trails, pools, golf, programs and facilities. The information gathered would then be used to determine facility, program, and staffing needs based on population, industry standards/trends, and the expectation of community growth. The findings from this assessment will help plan the future of the department based on the needs and expectations of the community.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Have family-oriented programs and activities with a high level of community participation.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	EB Lyons - Slope Stabilization	FY 22 ACTIVITY NO: 102-2888	$ 49,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant	$ 4,500	$ —	$ —	$ —	$ —	$ —
		Construction	$ 45,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 49,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 49,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 49,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for stabilization of a slope failure behind the EB Lyons Environmental Center. A slope behind the Center is sloughing and failing. This slope has a relationship to the Center and its failure can negatively impact the Center thus remediation and stabilization is necessary.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks, and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

This project may only be funded by State Tax 20% or DRA Funding

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Mystique Community Ice Center Settling Remediation	FY 2022 ACTIVITY NO: 350-2890	$ 500,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant	$ 40,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 460,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 500,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 500,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 500,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for funding to hire contractors to address settling happening throughout the Mystique Community Ice Center. The Center is a facility that is owned by the City and leased to Dubuque Community Ice and Recreation Center Inc who operates the facility on a day-to-day basis. Settling of the floors has been occurring in numerous areas of the building. To protect this asset contractors would be hired to perform services similar to those performed at the Grand River Center around the escalator area at that time of settling.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Diverse Arts, Culture, Parks, and Recreation: Plan, develop, and maintain specialty parks and venues.

FUNDING RESTRICTIONS

This project may only be funded by State Tax 20% or DRA Funding

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
34 - Leisure Services / Recreation Division	4C - Culture & Recreation	Low/Mod Income Park Improvements	2022 ACTIVITY NO: 260-2891	$ 665,443

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 65,443	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 65,443	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ —
		B. PROJECT FINANCING						
		CDBG	$ 65,443	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 65,443	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the repair and improvement of neighborhood parks located in the low/mod income areas. These improvements would include the addition of safety elements (lighting, fencing, shelter, cameras, etc), address accessibility issues (pathways, non-compliant play features, parking, water, etc.) and the replacement/repair of play amenities that are well beyond their lifecycle. Many of these park spaces are utilized by the Department for neighborhood programs. These programs provide safe places and spaces for youth in our community to learn throughout the summer months as well as develop relationships with their peers and City staff. These programs range in time from a couple of hours to full-day activity/supervision. In addition, many of these programs offer 2 free meals per day. Parks with play structures in poor condition or a lack of amenities typically have little to no participants. The result is the need to move City staffing resources to parks with greater participation and need. Parks without suitable shelter are cancelled due to rain. Other than not having that fun place to go, another result of this cancellation is that meals will not be distributed to participants on those days. Investing in these park spaces would encourage participation in programs and promote passive recreation by neighborhood individuals increasing interaction amongst community members and decreasing the opportunity for negative activity within these park spaces.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This prpject may only be funded by CDBG funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Paint Exterior Metal	FY 2014 ACTIVITY NO: 350-2784	$ 100,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Contract Services	$ —	$ —	$ —	$ 50,000	$ 50,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 50,000	$ 50,000	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 50,000	$ 50,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 50,000	$ 50,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting exterior metal of the Center. In 2009 the front metal and most of the metal around the River Room were painted. Some has never been painted and areas need repainted.

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%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2014	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Replace Carpet	ACTIVITY NO:	102-2113	
			360-2113	350-2113	$ 474,382

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 3,060		Design & Engineering	$ —	$ 10,000	$ 10,000	$ 2,000	$ —	$ 4,000
$ 210,892	$ 10,430	Construction	$ —	$ 90,000	$ 110,000	$ 28,000	$ —	$ 212,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 213,952	$ 10,430	TOTAL	$ —	$ 100,000	$ 120,000	$ 30,000	$ —	$ 216,000
		B. PROJECT FINANCING						
$ 88,000		G.O. Debt (GDTIF)	$ —	$ —	$ —	$ —	$ —	$ —
$ 125,952	$ 10,430	Greater Downtown TIF	$ —	$ 100,000	$ 120,000	$ 30,000	$ —	$ 216,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 213,952	$ 10,430	TOTAL	$ —	$ 100,000	$ 120,000	$ 30,000	$ —	$ 216,000

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. FY23 will replace the ballroom carpet ($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). FY 25 will replace the green room (never replaced), sky bridge and river room stairs, escalator, elevator, and west entry walk off carpets ($30,000).

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 relate 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2017		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Replace Exterior Building Sign			ACTIVITY NO:		$ 40,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ —	$ 40,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 40,000	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ —	$ 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). 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Paint Interior Rooms and Areas	FY 2014 ACTIVITY NO: 350-2391	$ 56,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 38,000	$ 18,000	$ —	$ 24,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 38,000	$ 18,000	$ —	$ 24,000
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ 38,000	$ 18,000	$ —	$ 24,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 38,000	$ 18,000	$ —	$ 24,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting interior rooms and areas of the Grand River Center. FY 2024 funding would provide for the painting of the ballroom ($8000) and spine and pre-function space prior to carpeting ($30,000). The FY25 project includes the back of house, stairwells and other smaller rooms which are original paint.

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 relate 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Table, Chair, Podium Replacement	FY 2015 ACTIVITY NO: 350-1990	$ 336,566

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 11,566		Equipment	$ —	$ 300,000	$ —	$ 25,000	$ —	$ 25,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,566	$ —	TOTAL	$ —	$ 300,000	$ —	$ 25,000	$ —	$ 25,000
		B. PROJECT FINANCING						
$ 11,566		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
		DRA Distribution	$ —	$ 300,000	$ —	$ 25,000	$ —	$ 25,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,566	$ —	TOTAL	$ —	$ 300,000	$ —	$ 25,000	$ —	$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for chair and table replacement. There were 3,000 chairs purchased when the building opened in 2003. In FY 23 the chairs will be 20 years old. All have been recovered/refurbished numerous times. 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. The chairs cost is $100 per chair. Replacement of banquet or meeting room tables is $200 to $400 each (FY 25). There are 600 tables in the inventory.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 4C - Culture and Recreation	PROJECT TITLE: Landscape Renovations			YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 102-2591		TOTAL PROJECT COST $ 44,905
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ 3,500	$ —	$ —
$ 11,405		Construction	$ —	$ —	$ —	$ 30,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,405	$ —	TOTAL	$ —	$ —	$ —	$ 33,500	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 33,500	$ —	$ —
$ 11,405		Sales tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,405	$ —	TOTAL	$ —	$ —	$ —	$ 33,500	$ —	$ —

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 crab apple trees will need replaced. The islands in the parking lots, along the riverwalk as well as common space areas all have plant materials that need to be replaced. There is an area near the employee entrance that washes out due to the roof drain. This area would be renovated. 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Energy Efficiency Improvements	FY 2015 ACTIVITY NO: 350-2590 102-2590	$ 258,591

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,609	$ 2,000	Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
	$ 92,879	Construction	$ 21,000	$ —	$ —	$ —	$ —	$ —
	$ 141,103	Software	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,609	$ 235,982	TOTAL	$ 21,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 21,000	$ —	$ —	$ —	$ —	$ —
$ 1,609	$ 235,982	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,609	$ 235,982	TOTAL	$ 21,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 1,500	$ 1,600	$ —	$ —	$ —	$ —

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 may only be funded Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Market Study and Facility Assessment	FY 2016 ACTIVITY NO: 360-2892	$ 65,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Concrete Restoration, Raising & Caulk	FY 2017 ACTIVITY NO: 350-2710	$ 327,999

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Professional Services	$ —	$ 50,000	$ —	$ 175,000	$ —	$ 25,000
$ 5,375	$ 6,665	Engineering	$ —	$ —	$ —	$ —	$ —	$ —
$ 90,959		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 96,334	$ 6,665	TOTAL	$ —	$ 50,000	$ —	$ 175,000	$ —	$ 25,000
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 50,000	$ —	$ 175,000	$ —	$ 25,000
$ 96,334	$ 6,665	Sales Tax Fund (30%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 96,334	$ 6,665	TOTAL	$ —	$ 50,000	$ —	$ 175,000	$ —	$ 25,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to fix cracked portions, level the patio, reset the bricks by message sign, level sidewalks and steps that have settled. Funding in FY 25 provides for fixing all cracks and grinding concrete in the exhibit hall, then applying a reflector enhancer epoxy ($25,000). 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. $175,000 will be used for caulk, leveling and concrete repairs. There is a need to caulk numerous seams between all concrete panels of the patio and the River Room. The caulk is pulling away from the seams. Specialty concrete at the doorways to the patio will be leveled and sidewalk sections around and to the Grand River Center will be replaced as needed. This is to eliminate trip hazards.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2018		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Repaint Exhibit Hall Airwalls			ACTIVITY NO:		$ 40,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 40,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 40,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 40,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Replace Fabric Wall Covering	FY 2016 ACTIVITY NO: 102-2112 350-2112	$ 190,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 is replacement schedule will coincide with the re-carpeting and painting of the meeting rooms. In Fiscal Year 2023 the ballroom will be in need of fabric wall re-covering due to wear and staining from heavy use of the room ($35,000). 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. FY 25 would be replacement in the meeting rooms. 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 relate 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Roof Restoration			YEAR FIRST SUBMITTED: FY 2021 ACTIVITY NO:		TOTAL PROJECT COST $ 700,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 350,000	$ 350,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 350,000	$ 350,000	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ —	$ —	$ —	$ 350,000	$ —	$ —
		G.O. Debt (GDTIF)	$ —	$ —	$ —	$ —	$ 350,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 350,000	$ 350,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION
This project provides for restoration of the roof. The roof was installed in 2002. Restoration is critical prior to problems in a building that would have very expensive damage caused if it began leaking.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Wood Bench Replacement			YEAR FIRST SUBMITTED: FY 2021 ACTIVITY NO:		TOTAL PROJECT COST $ 25,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		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 replacement of the wooden bench seats located over the radiators in the prefunction area as well as meeting room 4. The bench seats have been rehabilitated twice and are not able to be done again. The heat from the hidden radiators shortens the life.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Management and Operations Assessment			ACTIVITY NO: 350-2893		$ 35,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Consultant	$ 35,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 35,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 35,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a consultant to review the management agreement, as well as management and operations of the Grand River Center. The term of the current management agreement is approaching. It is important to make sure that the agreements and operations provide the best possible value to the guests as well as the taxpayer. A third-party review will assist in future decision making.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Furniture Upholstery			YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO:		TOTAL PROJECT COST $ 30,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Other	$ —	$ —	$ —	$ 30,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 30,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 30,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 30,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for reupholstering common space furniture. There are benches, chairs and other seating that have been reupholstered once since the opening of the Grand River Center in 2003. By fiscal Year 2024, all common space furniture located in the pre-function, spine and sky walk will need to be reupholstered.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2021		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Overhead Door Replacement			ACTIVITY NO:		$ 21,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ —	$ 21,000	$ 55,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 21,000	$ 55,000
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ —	$ —	$ —	$ 21,000	$ 55,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 21,000	$ 55,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacement of four overhead doors (2 dock doors - inside and outside, Exhibit Hall inside door and exterior near garbage room). The doors are original to the building and beginning to have more costly repairs.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Trash Compactor Rehab			YEAR FIRST SUBMITTED: FY 2014 ACTIVITY NO: 102-2588		TOTAL PROJECT COST $ 30,700
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ 30,700	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 30,700	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 30,700	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 30,700	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION
This project provides for rehabilitation of the trash compactor. The compactor is original (2003) and will be in need of rehabilitation/rebuild.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2018		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Replace Clouds			ACTIVITY NO:		$ 83,800
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ —	$ 83,800	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 83,800	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 83,800	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 83,800	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for replacing the cloth "clouds" that hang over the pre-function area on the east side of the building and in the River Room. The clouds were last replaced in 2013. Their life is 9 years due to the UV breaking down the fabric. They are starting to discolor, cloth beginning to fail due to UV light and need to be updated. This replacement timing is based on past experience. The style may be changed.

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
33 - Leisure Services / Conference Center	6C - General Government	Paint Bridge	FY 2014 ACTIVITY NO: 102-2589	$ 35,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 35,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 35,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ 35,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 35,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for painting of the exterior of the bridge that connects the Grand Harbor to the Grand River Center. In 2009, other outdoor areas such as canopies and overhangs were painted however the bridge was not painted at that time. The bridge is in need of painting. Rusting is beginning in specific areas of the bridge. The bridge is an important visible feature to convention goers and tourists and is important to the overall look of the Port area.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible 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%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
33 - Leisure Services / Conference Center		6C - General Government	Replace/Rehab Room Doors			ACTIVITY NO:		$ 59,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ —	$ 59,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 59,000	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ —	$ —	$ 59,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 59,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the room doors. All doors are original (2003) and with all the use are marred and chipped. The veneer does not allow rehabilitation. Door replacements cost $1,600 and 36 doors will be 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT: 33 - Leisure Services / Conference Center		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Staging and Riser Replacement			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO:		TOTAL PROJECT COST $ 102,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ 25,000	$ 77,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 25,000	$ 77,000	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 25,000	$ 77,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 25,000	$ 77,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION
This project provides for replacement of staging and risers. This equipment is original to the Grand River Center (2003).

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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Meter Product Replacement Program(Registers and MIU's)	FY 2019 ACTIVITY NO: 740-2052	$ 2,969,989

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 3,223	$ 274,233	Product/Equipment Cost	$ 336,015	$ 404,018	$ 442,500	$ 442,500	$ 442,500	$ 130,950
		Contracted Labor	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 3,223	$ 274,233	TOTAL	$ 461,015	$ 529,018	$ 567,500	$ 567,500	$ 567,500	$ 130,950
		B. PROJECT FINANCING						
$ 3,223	$ 274,233	Water Construction Fund	$ 461,015	$ 529,018	$ 567,500	$ 567,500	$ 567,500	$ 130,950
			$ —	$ —	$ —	$ —	$ —	$ —
$ 3,223	$ 274,233	TOTAL	$ 461,015	$ 529,018	$ 567,500	$ 567,500	$ 567,500	$ 130,950

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the replacement of Water Meter Interface Units and Registers used for the purpose of Water and Sewer billing. The costs in each year include the replacement of the estimated number of units of MIUs and Registers based on known failure rates and the labor that may be required to replace the units when internal resources are not available. 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. METER INTERFACE UNITS (MIUs) replacement warranty was 100% for the first 10 years. For each year thereafter, the warranty was pro-rated, and the City would be required to pay a portion of the MIU replacement. 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.

Having discussed a proactive replacement program with Neptune and local supplier Ferguson Water Works, a cost-effective way to replace the meters at a lower cost to the City would be to conduct a 5-year replacement program, in lieu of replacing the MIUs over the remaining prorated warranty period. This will reset the full warranty on replaced MIUs. The project provides funding for a proactive 5-year MIU replacement program which can be funded through SRF. Note that the project is to be carried by both Water and Sanitary Sewer funding. FY22 Funding reflects the replacement of 4557 MIUs to be replaced at a reduced cost as they would still be under full warranty, and years FY23 thru FY26 reflect the replacement of 5,000 MIUs per year to complete the project for those MIUs no longer under warranty. As part of the program, Ferguson Water Works will be making an investment estimated to be $240,000 in the necessary infrastructure to support the City's transition from the R450 system to the R900 System. The investment includes new collectors and necessary wiring and conduit at 15 sites to support the new technology. This Project also provides funding for WATER REGISTERS. The Registers also carry a 10-year full replacement warranty, after which, the City will be responsible for the costs of replacement parts. There are currently 18,067 Registers that will need to be replaced as they fail. The rate of failure is estimated at 1,350 per year equating to $130,950.00 per year.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Increase enterprise/general fund reserve funds to 20%.

FUNDING RESTRICTIONS

This project may only be funded by SRF Funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2014		TOTAL PROJECT COST
42 - Water Department		8C - Business Type	Water Main Relocation for Sanitary Sewer Manhole Project			ACTIVITY NO: 740-2596		$ 75,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 25,000	$ —	$ 25,000	$ —	$ 25,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ 25,000	$ —	$ 25,000	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 25,000	$ —	$ 25,000	$ —	$ 25,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ 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. Due to health and safety concerns, along with meeting water and sewer separation requirements of the Iowa Department of Natural Resources and Ten State Standards. This project remains an ongoing need.

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 may only be funded by Local Funding-Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Main Upgrades during Street General Repairs	FY 2014 ACTIVITY NO: 740-2657	$ 70,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 2,000	$ —	$ 3,000	$ —	$ 3,000	$ —
		Construction	$ 18,000	$ —	$ 22,000	$ —	$ 22,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ —	$ 25,000	$ —	$ 25,000	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 20,000	$ —	$ 25,000	$ —	$ 25,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ —	$ 25,000	$ —	$ 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

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

Local Funding-Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Maintenance of Public Water Mains during Stone Retaining Wall Repair	FY 2014 ACTIVITY NO: 740-2655	$ 65,100

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 2,000	Design & Engineering	$ —	$ 2,050	$ —	$ 2,050	$ —	$ 2,050
	$ 18,000	Construction	$ —	$ 20,500	$ —	$ 20,500	$ —	$ 20,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 20,000	TOTAL	$ —	$ 22,550	$ —	$ 22,550	$ —	$ 22,550
		B. PROJECT FINANCING						
	$ 20,000	Water Construction Fund	$ —	$ 22,550	$ —	$ 22,550	$ —	$ 22,550
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 20,000	TOTAL	$ —	$ 22,550	$ —	$ 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 ongoing program allows for maintenance, repair and reconstruction of the water main in coordination with Engineering.

RELATIONSHIP TO OTHER PROJECTS

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

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Fire Hydrant Assembly Relocation / Replacement for Sidewalk Program	FY 2014 ACTIVITY NO: 740-2654	$ 60,400

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 20,000	Construction	$ —	$ 20,000	$ —	$ 20,400	$ —	$ 20,500
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Machinery & Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 20,000	TOTAL	$ —	$ 20,000	$ —	$ 20,400	$ —	$ 20,500
		B. PROJECT FINANCING						
	$ 20,000	Water Construction Fund	$ —	$ 20,000	$ —	$ 20,400	$ —	$ 20,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 20,000	TOTAL	$ —	$ 20,000	$ —	$ 20,400	$ —	$ 20,500

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for two (2) fire hydrant assemblies to be relocated/replaced as needed 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, Sidewalk City Owned, CIP 300-1425 and Sidewalk Repair and MTC, CIP 100-1108

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Main Replacements-Sanitary Sewer/ Consent Decree Program.	FY 2017 ACTIVITY NO: 740-2658	$ 732,313

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,672		Design & Engineering	$ —	$ 10,000	$ 12,000	$ —	$ 9,000	$ —
$ 8,796	$ 385,845	Construction	$ —	$ 95,000	$ 120,000	$ —	$ 90,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,468	$ 385,845	TOTAL	$ —	$ 105,000	$ 132,000	$ —	$ 99,000	$ —
		B. PROJECT FINANCING						
$ 10,468	$ 385,845	Water Construction Fund	$ —	$ 105,000	$ 132,000	$ —	$ 99,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,468	$ 385,845	TOTAL	$ —	$ 105,000	$ 132,000	$ —	$ 99,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for ongoing water main replacement associated with the City sanitary sewer improvement and consent decree program. The water mains for the sanitary sewer and consent decree programs have been evaluated. Several sections of water main, valves and hydrants have reached the end of their design life and should be replaced as part of this project. This project reduces service outages and lessons excavation in newly resurfaced areas. FY20 funds are available for Heeb Street. Funds in FY23 are for Grove Terrace and FY24 for King Street and Hempstead, FY26 for Harvard.

RELATIONSHIP TO OTHER PROJECTS

This project is related to other capital projects. CIP # 710-1289 Sewer Consent Decree. Heeb Street reconstruction CIP 300-2612

OUTCOME

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

FUNDING RESTRICTIONS

Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2017 ACTIVITY NO: 740-2658	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Main Replacements-Sanitary Sewer/ Consent Decree Program.		$ 732,313

	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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Southwest Arterial Water Main Extension - HWY 20 to English Mill Pump Station.	FY 2016 ACTIVITY NO: 740-2594	$ 2,639,364

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 158,568	Design & Engineering	$ —	$ 93,750	$ —	$ —	$ —	$ —
	$ 1,450,224	Land and R.O.W.	$ —	$ —	$ —	$ —	$ —	$ —
$ 94,322		Construction	$ —	$ 842,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 94,322	$ 1,608,792	TOTAL	$ —	$ 936,250	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ 655,000	$ —	$ —	$ —	$ —
		Water Construction Fund	$ —	$ 281,250	$ —	$ —	.	$ —
$ 94,322	$ 1,608,792	Federal Grant	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 94,322	$ 1,608,792	TOTAL	$ —	$ 936,250	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to extend water service to and along the Southwest Arterial corridor to current and future customers. FY23 Project Funding provides for the installation of 16" Diameter Water Main from the SE Quadrant of the Hwy 20/SW. Art. roundabout, east along the east bound of the SW Art. to English Mill Rd, and south along English Mill Rd to the English Mill Pump Station. The project directly addresses water main looping to the English Mill Pump Station, the Westside Water system (8th and 9th 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.

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

This project may only be funded by Local funding-Water.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	PROGRAM:	8C	TOTAL PROJECT COST
Water Department	Business Type	Southwest Arterial Water Main Extension	DEPARTMENT:	42	
			FD/CIP NO:	740-2594	
				360-2594	$ 2,639,364

	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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Hwy 20/Dodge St. Water Main Relocation - Devon Drive to Concord Street	2019 ACTIVITY NO:	$ 996,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering and Design	$ —	$ —	$ —	$ —	$ 199,200	$ —
		Construction	$ —	$ —	$ —	$ —	$ 796,800	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 996,000	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ —	$ —	$ —	$ —	$ 996,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 996,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The FY26 project funding provides for replacement of water main along Highway 20/Dodge Street from Devon Drive to Concord Street. The majority of the water main was installed in the 1939 era. As the highway improvements have been made, including widening, the city's water main, in certain locations is under or adjacent to the travel lanes. Due to several recurrent water main breaks, and the challenges associated with traffic control, it is necessary to relocate water main that is near or beneath the Dodge Street travel lanes.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other Capital Projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Public Lead Line Water Main Replacement	FY 2017 ACTIVITY NO: 740-2744	$ 398,803

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 12,470	Design & Engineering	$ —	$ 9,500	$ 10,000	$ —	$ —	$ —
	$ 216,833	Construction	$ —	$ 75,000	$ 75,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 229,303	TOTAL	$ —	$ 84,500	$ 85,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 122,470	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ —	$ —
	$ 106,833	Water Construction Fund	$ —	$ 84,500	$ 85,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 229,303	TOTAL	$ —	$ 84,500	$ 85,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the removal and replacement of the Water Department's existing public lead water mains. Scheduled in phases: May Place, Union Street and Austin Street Funding in FY21. Washington Street FY 23 and Roland Street FY 24. 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 may only be funded by Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Line Extensions to New Developments	FY 2020 ACTIVITY NO: 740-2836	$ 1,082,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 192,925	Design & Engineering	$ 25,000	$ —	$ —	$ —	$ —	$ —
	$ 114,575	Construction	$ 750,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 307,500	TOTAL	$ 775,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 307,500	Water Construction Fund	$ 775,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 307,500	TOTAL	$ 775,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Revenue	$ 19,800	$ 19,800	$ 19,800	$ 19,800	$ 19,800	$ 19,800

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. FY22 provides additional funding for the installation of approximately 4,250LF of 12-inch diameter water main from the current terminus of John F. Kennedy Road near the intersection of Forest Glen Court, to Wildflower Ridge.

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 may only be funded by Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Wells, Well Field, & Well Transmission Piping Repair and Rehabilitation Program	FY 2019 ACTIVITY NO: 740-1415	$ 750,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 50,000	Design & Engineering	$ 20,000	$ 10,000	$ 20,000	$ 10,500	$ —	$ 10,000
	$ 200,000	Construction	$ 100,000	$ 80,000	$ 160,000	$ 100,000	$ —	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 250,000	TOTAL	$ 120,000	$ 90,000	$ 180,000	$ 110,500	$ —	$ 110,000
		B. PROJECT FINANCING						
		Water Construction Fund	$ 120,000	$ 90,000	$ 180,000	$ 110,500	$ —	$ 110,000
	$ 250,000	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 250,000	TOTAL	$ 120,000	$ 90,000	$ 180,000	$ 110,500	$ —	$ 110,000

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 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. FY22 Funding provided for the Rehabilitation of Well 7. FY23 funding provides for the rehabilitation of Wells 2. FY24 funding provides for the rehabilitation of Well No. 7 and examination of a barrier system for the peninsula. FY25 funding provides for the rehabilitation of Well No. 9. FY27 funding provides for the rehabilitation of Well 5. 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 22 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 22, 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.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 740-1415	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Wells, Well Field, & Well Transmission Piping Repair and Rehabilitation Program		$ —

FUNDING RESTRICTIONS

This project may only be funded by Local Funding-Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Treatment Plant Condition Assessment and Master Plan	FY 2019 ACTIVITY NO: 740-2837	$ 215,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 115,000	Design & Engineering	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 115,000	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
		B. PROJECT FINANCING						
		Water Construction Fund	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
	$ 115,000	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 115,000	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000

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 infrastructure. FY21 funding is for the completion of the Eagle Point Water plant and source water analysis. Project funding starting in FY22 is for updates to the city-wide distribution hydraulic model and for its use in planning and sizing new and/or extended water main.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Local Funding - Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Storage Maintenance Program	FY 2009 ACTIVITY NO: 740-2656	$ 2,595,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 70,000	Consultant Services	$ 25,000	$ 150,000	$ —	$ 100,000	$ —	$ 50,000
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ 1,350,000	$ —	$ 900,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 70,000	TOTAL	$ 25,000	$ 150,000	$ 1,350,000	$ 100,000	$ 900,000	$ 50,000
		B. PROJECT FINANCING						
	$ 70,000	Water Construction Fund	$ 25,000	$ 150,000	$ 1,350,000	$ 100,000	$ 900,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 70,000	TOTAL	$ 25,000	$ 150,000	$ 1,350,000	$ 100,000	$ 900,000	$ 50,000

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 2009. College Tower rehabilitation in FY23/24 $1.5M, Pennsylvania (2025/6, $1M), Park Hill (2027/8, $500,000), Westside Water Tower $500,000 FY28/29. Tank coatings required to maintain the structure of the tank, the water quality to reduce biofilm, as well as enhancing the aesthetics of the tanks. This project is related to Water Treatment Plant condition assessment and master planning in FY21. Starting in FY21 this project provides funding for the inspection of the former Vernon Water Tower located west on Hwy 20 prior to recoating. This project provides for Annual Tank Inspection for all tanks and towers of $25,000. 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: industrial/business parks, streets and utilities, air service and housing, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Local Funding - Water Utility

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 $ 163,842

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 5,000	Design & Engineering	$ —	$ —	$ 4,000	$ 4,000	$ 4,000	$ 4,000
	$ 39,812	Construction	$ —	$ —	$ 31,550	$ 31,080	$ 44,400	$ 29,120
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 44,812	TOTAL	$ —	$ —	$ 35,550	$ 35,080	$ 48,400	$ 33,120
		B. PROJECT FINANCING						
	$ 44,812	Water Construction Fund	$ —	$ —	$ 35,550	$ 35,080	$ 48,400	$ 33,120
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 44,812	TOTAL	$ —	$ —	$ 35,550	$ 35,080	$ 48,400	$ 33,120

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.			$ 26,900	Carter Rd. at 32nd
$ 9,500	Radford Rd.	$ 9,680	Southern Ave.		
$ 22,350	Northwest Arterial (West)				

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 may only be funded by Local Funding-Water Utility

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Althauser St. and Eagle St. Water Main Improvements	2019 ACTIVITY NO: 740-2838	$ 296,065

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 27,065	Design and Engineering	$ —	$ 25,000	$ —	$ —	$ —	$ —
	$ 124,000	Construction	$ —	$ 120,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 151,065	TOTAL	$ —	$ 145,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 151,065	Water Construction Fund	$ —	$ 145,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 151,065	TOTAL	$ —	$ 145,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

FY21 funding project provides for the replacement of water main along Althauser St. and FY23 funding provides for replacement of water main along Eagle St. The Water Mains in both of these locations are in poor condition follow multiple water main breaks. These water main breaks impact not only the neighborhood, but also Jefferson Middle School. Althauser and Eagle Streets are 1929 6” dia. water main installations.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	WTP and Pump Station Pipe Rehabilitation	2019 ACTIVITY NO: 740-2894	$ 220,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ 20,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ 200,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 200,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 20,000	$ 200,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 200,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the funding to conduct an engineering and environmental analysis of the piping in the pipe gallery at the water treatment plant, and the Asbury and West Third Pump stations. This project also provides for construction funding associated with the piping rehabilitation. The current pipe protective coatings are starting to fail. The failure can be observed as the pipes and fasteners are beginning to corrode due to highly humid environment.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT: 42 - Water Department		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Pump Station Site Drainage Improvements			YEAR FIRST SUBMITTED: 2019 ACTIVITY NO:		TOTAL PROJECT COST $ 15,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ —	$ 15,000	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 15,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ —	$ 15,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 15,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for design and engineering associated with site drainage issues at College and Asbury Storage Facilities. Currently the sump pump discharge creates significant icing issues along the driveway and curb lines.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	McFadden Farm Water Main Improvement (S. Heacock Rd from Chavenelle to Pennsylvania Ave.	2019 ACTIVITY NO: 740-2895	$ 655,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ 35,000	$ —	$ —	$ 20,000	$ —	$ —
		Construction	$ 350,000	$ —	$ —	$ 250,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 385,000	$ —	$ —	$ 270,000	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 385,000	$ —	$ —	$ 270,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 385,000	$ —	$ —	$ 270,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the installation of water main to serve the McFadden Farm Property. Funding requested in FY22 is for Phase I and includes 12" diameter water main from Chavenelle Rd North along S. Heacock to the Phase I cul-de-sac (approx. 1,282LF) and for Phase II, which would extend the 12" diameter water main from the Phase I cul-de-sac to north line of Pad 1 (approx. 1,340LF), see Economic Development for plans. FY25 provides funding for Phase 3, extending the water main from Pad 1 northern grading line to Pennsylvania Ave and East on Pennsylvania Ave connecting to existing water main (approx. 2,135LF), providing a loop and availability of City water supply to the surrounding area. This project support economic development and improves fire suppression and water quality by creating a looped Water Distribution System.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Sanitary Sewer McFadden Farm project and must be funded in the same fiscal year as that 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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	SCADA & Communications Infrastructure Improvement Project	FY 2020 ACTIVITY NO: 740-1339	$ 1,850,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 95,000	Engineering, Hardware and Software	$ 250,000	$ —	$ —	$ —	$ —	$ —
$ 38,746	$ 866,254	Construction	$ —	$ 150,000	$ —	$ 450,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 38,746	$ 961,254	TOTAL	$ 250,000	$ 150,000	$ —	$ 450,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 495,000	State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ —	$ —
$ 38,746	$ 466,254	Water Construction Fund	$ 250,000	$ 150,000	$ —	$ 450,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 38,746	$ 961,254	TOTAL	$ 250,000	$ 150,000	$ —	$ 450,000	$ —	$ —

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. FY20 funding provided for the engineering and design of the SCADA system and System Integrator (inc. Hardware and Software), FY21 funding provided for the installation of fiber optic, and FY22 provides for the continuation of fiber optic installation to 16 of 19 Water Facility locations. Funding in FY24 provides of the fiber optic to English Mill Pump Station, FY24 to Westside Water Tower (former Vernon Tower). F/O to Roosevelt St Tower to come from Tower project or other project savings. Total sites to be served:19.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2020	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	SCADA & Communications Infrastructure Improvement Project	ACTIVITY NO:	740-1339	$ 1,850,000

RELATIONSHIP TO OTHER PROJECTS

This project is to continued improvement and expansion of the City's fiber optic network, partnerships with 3rd party FO providers, and I.S. for improved communications.

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, bandwidth, and redundancy.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Super 20 Mobile Home Park Water Connection to City Water	2020 ACTIVITY NO: 740-2896	$ 142,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 12,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 130,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 142,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 142,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 142,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the funding to install a Master Meter Vault including a Master Meter, Pressure Reducing Valve, Backflow Device, Individual Water Meters and MIU's to approximately 125 mobile homes. This Project is needed to fulfill previous agreements.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded by the Water Construction Fund

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Green Alley Water Main Improvements	2020 ACTIVITY NO: 740-2044	$ 108,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 8,000	$ —	$ —	$ —	$ —	$ 95,000
		Construction	$ 100,000	$ —	$ —	$ —	$ —	$ 380,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 108,000	$ —	$ —	$ —	$ —	$ 475,000
		B. PROJECT FINANCING						
		Water Construction Fund	$ 108,000	$ —	$ —	$ —	$ —	$ 475,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 108,000	$ —	$ —	$ —	$ —	$ 475,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the funding to upgrade water mains and fittings as well as private lead service lines during the City's ongoing Green Alley Projects. Projects to include: FY22 Alley East of Main from 13th to 14th St. and Alley East of Queen Street from 24th to 25th Street. Note that these two alley projects are already designed. Beyond FY27 are: 1. Alley East of Iowa from 16th to 17th. 2. Alley East of Main Street from 11th to 12th. 3. Alley East of Main Street from 12th to 13th. 4. Alley east of Main Street from 14th to 15th Street.

RELATIONSHIP TO OTHER PROJECTS

This Project is related to Engineering's Permeable Pavement Bee Branch RR Sponsorship Project CIP 720-2813

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Burlington & National Street Water Main Replacement	2020 ACTIVITY NO: 740-2897	$ 350,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ 50,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 300,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 350,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 350,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 350,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Since 2004, the area in and around Burlington Street and National Street has been subject to ten water main breaks, with five of those events occurring in the last three years. Not only are the residents inconvenienced with unplanned water outages, but also the water that comes to the surface during the main breaks has resulted in some localized flooding of adjacent properties. The water main in Burling Street is 1937 era 6" cast iron pipe, and in National Street is 1930 era 6" mono cast pipe. Both water mains were installed with lead joints and at some locations buried deeper than normal to a depth of 9' 6". The street is unimproved with no storm sewer and an asphalt curb-line where it has been requested by the residents. The water main has been identified as a project that should be scheduled for replacement as budget and scheduling permits. Currently the project is listed in the top ten, ranked at number 6, per the City's Risk Based Main Replacement Strategy.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Provide City services responsive to the community.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	CIWA Water System Agreements for Water Service Line Installations	2020 ACTIVITY NO: 740-2898	$ 224,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Review	$ 5,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 120,000	$ 9,000	$ 25,000	$ 65,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 125,000	$ 9,000	$ 25,000	$ 65,000	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 125,000	$ 9,000	$ 25,000	$ 65,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 125,000	$ 9,000	$ 25,000	$ 65,000	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 26,400	$ —	$ —	$ —	$ —	$ —
		Operating Revenue	$ 363	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides the funding to install water service lines per agreements from the purchase of the Vernon Water System. Agreements outstanding: 1. HWY. 20 Truck Stop ($120,000). 2. Steckel - English Mill Road ($9,000). 3. Soppe - Mile Hill Lane ($25,000). Dalsing - Barrington Drive ($65,000). This Project is necessary to fulfill previous agreements.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Third Pressure Zone Connection (from Tanzanite Drive to Davenport Street)	2020 ACTIVITY NO:	$ 2,049,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ 111,025	$ 93,875	$ —	$ —
		Construction	$ —	$ —	$ 999,225	$ 844,875	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 1,110,250	$ 938,750	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ —	$ —	$ 1,110,250	$ 938,750	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 1,110,250	$ 938,750	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the connection between the Second and Third Pressure Zones. The Roosevelt St Water Tower project was designed to provide effective storage for both the 2nd and 3rd pressure zones. The connection between the two zones is recommended by the Iowa DNR and was stated in the SRF funding commitment letter for the tower project. In addition to the benefits of effective water storage for fire suppression and daily water demand, additional benefits are from the connection of a looped system and the ability to fill the Roosevelt St tower not only from the treatment plant but also from the 1st Pressure Zone and eliminate the 5th Pressure Zone (Olympic Heights). Phase one connection would set the City Water Department in line to provide water north of the North West Arterial (Sageville Area), west of Highway 52 North along the N. W. Arterial and Kennedy Road. The first phase (approx. 5,020 feet of 12") main would allow for the Olympic Heights pumps to be removed in converting the 5th pressure zone over to the 3rd pressure zone. Phase Two (approx. 3850 feet of 12" main) is from the end of phase one (Olympic Heights) to Davenport Street. This project optimizes the full benefits of the Roosevelt Water Tower.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded by SRF Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Olympic Heights (Pressure Zone 5) Auto Flusher and CL2 Analyzer	2020 ACTIVITY NO: 740-2899	$ 37,075

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Construction	$ 32,075	$ —	$ —	$ —	$ —	$ —
		Easements	$ 5,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 37,075	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 37,075	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 37,075	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This Project provides for the funding to install a Hot Box(heated) with an automatic flusher and CL2(Chlorine) analyzer in Pressure Zone 5(Olympic Heights Sub-division). These devices will assist in maintaining water quality and minimize staff travel time to manually water test in pressure zone 5. Iowa Department of Natural Resources require testing of all the City of Dubuque's Pressure Zones. This project is also directly related to the Water Department's KPI: Reduction of Water Quality Issues per 100 miles of Pipe.

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 may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water Treatment Plant Roof Repair	2020 ACTIVITY NO: 740-2934	$ 200,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 200,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 200,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 200,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 200,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for the replacement of two roof sections at the Eagle Point Water Plant. The work includes the removal and replacement of existing rubber membrane roofing systems that were installed in 1988 on the 3rd floor, upper level, and in 2002 above the North Plant Clarifiers. The roofs were inspected in September 2020 and there was noticeable failure on the roofs. It was recommended the roofing systems were beyond repair and should be replaced. Both roofs will be replaced with 60 Mil black EPDM roofing systems, with a minimum of a 20-year warranty. FY22 funding request also includes the replacement of several sections of roof soffit that also need to be replaced.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained city infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Water and Sewer Utility Rate Analysis	2020 ACTIVITY NO:	$ 100,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consulting Engineering	$ —	$ 100,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 100,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ —	$ 100,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 100,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding in support of development of an equitable, affordable, and defensible water rate analysis that will support not only operational and capital utility projects necessary to continue the production and distribution of high-quality drinking water, but will also include assistance programs and water savings initiative that do not take away from operational expenses. The US Water Alliance states that "Water affordability is an issue at both the household and utility level. The rates that utilities charge their customers are the primary funding source for day-to-day utility operations and investments in system improvements. Utilities need to raise rates to keep up with the rising costs of labor and materials, and to make debt service payments on bond-financial capital improvements...While many utilities are committed to assisting low-income families, finding a balance between financial management of the utility and the needs of vulnerable communities can be difficult." Conducting a rate analysis for both water and sewer fees will ensure an equitable approach to utility management so that both the needs of the utilities and our vulnerable population can be met.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Provide City service responsive to the community,

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	E. 16th St Water Main Replacement (White St. to Alley Between White and Jackson St)	2021 ACTIVITY NO: 740-2933	$ 71,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design	$ 6,500	$ —	$ —	$ —	$ —	$ —
		Construction	$ 65,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 71,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 71,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 71,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This Project provides Funding for the replacement of approximately 215LF of 6-inch diameter water main (early 1900's) with 8-inch diameter water main as part of the Dream Center expansion and improvement project. Several repairs have been made to this section of the existing water main along with abandonment of multiple lead service lines.

RELATIONSHIP TO OTHER PROJECTS

This project is related to a complementary Engineering 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 may only be funded with the Water Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	E.16 Street (White St. and Alley East of White St.) Hydrant Relocation Project	2021 ACTIVITY NO: 740-2902	$ 24,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 24,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 24,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ 24,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 24,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This Project provides funding for the relocation of up to two (2) fire hydrants ($12,000 each), based on the final layout design, as part of the Dream Center Expansion and Improvement Project. The existing fire hydrants are located in an area that potentially would be difficult to access for the fire department based on location of a fenced in green/outdoor space.

RELATIONSHIP TO OTHER PROJECTS

This project is related to a complementary Engineering 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 may only be funded with the Water Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
42 - Water Department	8C - Business Type	Generators- Park Hill Pump Station and Mt. Caramel Pump Station	2020 ACTIVITY NO:	$ 215,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ —	$ —	$ 10,000	$ —	$ 15,000	$ —
		Easement	$ —	$ —	$ —	$ —	$ 10,000	$ —
		Construction	$ —	$ —	$ 80,000	$ —	$ 100,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 90,000	$ —	$ 125,000	$ —
		B. PROJECT FINANCING						
		Water Construction Fund	$ —	$ —	$ 90,000	$ —	$ 125,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 90,000	$ —	$ 125,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the future of two permanent auxiliary power emergency generators. Two pumping stations, Park Hill and Mt. Carmel, do not currently have auxiliary power supplies, while there are back up pumping facilities in each of the zones where Park Hill and Mt. Carmel are located, it is recommended that each site have a dedicated emergency power supply. The USEPA states that "Power loss can have devastating impacts on drinking water and wastewater utilities and the communities they serve." Funding in FY24 is for Park Hill pump station and funding in FY26 is for Mt. Carmel pump station.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City Infrastructure.

FUNDING RESTRICTIONS

This project may only be funded with Water Construction Funds.

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 $ 860,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ —	$ 800,000	$ —	$ —
		Engineering Services	$ —	$ —	$ —	$ 60,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 860,000	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ —	$ 860,000	$ —	$ —
		Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 860,000	$ —	$ —

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
43 - Water & Resource Recovery Center	8C - Business Type	Lift Station SCADA Upgrades	FY 2019 ACTIVITY NO: 710-1339	$ 200,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 10,000	Design & Engineering	$ 10,000	$ 10,000	$ 10,000	$ —	$ —	$ —
	$ 40,000	Construction	$ 40,000	$ 40,000	$ 40,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 50,000	Sanitary Sewer Construction Fund	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Activated Sludge Process Improvements			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO:		TOTAL PROJECT COST $ 1,260,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 70,000	$ 98,000	$ 1,092,000	$ 595,000
		Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 70,000	$ 98,000	$ 1,092,000	$ 595,000
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ 70,000	$ 98,000	$ —	$ 595,000
		State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 1,092,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
43 - Water & Resource Recovery Center	8C - Business Type	High-Strength Waste Receiving/Storage	FY 2018 ACTIVITY NO: 710-2701	$ 1,803,930

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 387,200	$ —	$ —	$ —	$ —	$ —
	$ 171,584	Construction	$ 1,245,146	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 171,584	TOTAL	$ 1,632,346	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 1,632,346	$ —	$ —	$ —	$ —	$ —
	$ 171,584	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 171,584	TOTAL	$ 1,632,346	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 33,081	$ 33,081	$ 33,081	$ 33,081	$ —	$ —

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. Construction costs have increased significantly since the project was first budgeted in FY18. Current cost estimate (2021) is $1,632,346.00. 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Sidestream Nitrogen Removal			YEAR FIRST SUBMITTED: FY2020 ACTIVITY NO:		TOTAL PROJECT COST $ 400,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 400,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ 3,600,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 400,000	$ 3,600,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 400,000	$ 3,600,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 400,000	$ 3,600,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the design and construction of Sidestream Nitrogen Removal. Sidestream Nitrogen Removal utilizes a two-step biological process, known as annamox, to convert ammonia into nitrogen gas. In the first step, oxidizing bacteria convert ammonia into nitrite. In the second step, nitrite and remaining ammonia are converted to nitrogen gas. The conversion of ammonia to nitrogen gas reduces the total nitrogen concentration in the final effluent. Sidestream nitrogen removal, along with modifications to the activated sludge system, will allow the city to meet the nitrogen reduction goal of 66%. 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 66% reduction in total nitrogen.

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 may only be funded by 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:		TOTAL PROJECT COST $ 300,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 300,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ 4,500,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 300,000	$ 4,500,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 300,000	$ 4,500,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 300,000	$ 4,500,000

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 was originally 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). Construction and materials costs have increased significantly since the project was budgeted in FY18. The project is currently (2020) estimated at $300,000 for engineering and design, and $4,500,000 for construction. 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
43 - Water & Resource Recovery Center	8C - Business Type	Sludge Blanket Level Detector Replacement	FY 2022 ACTIVITY NO: 710-1924	$ 25,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 25,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ 25,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the sludge blanket level detector, and associated controllers, on each of the four final clarifiers. The detectors track the level of solids in the final clarifiers. Data collected is used for operational adjustments. The detectors are also tied to the plant SCADA system, and are able to indicate, via alarm, high sludge levels. High sludge levels in the clarifiers can lead to high solids in the final effluent, which has the potential to exceed the total suspended solids limit of the City's discharge permit.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
43 - Water & Resource Recovery Center	8C - Business Type	Catfish Lift Station Pump Replacement	FY 2022 ACTIVITY NO: 710-2149	$ 60,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 60,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 60,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ 60,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 60,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the #2 pump at Catfish Lift Station. Two of the three total pumps in the lift station are of an obsolete design. Replacement of one of the obsolete pumps with a new, updated pump, would allow the removed pump to be rebuilt and used as a spare for the remaining obsolete pump. The project will increase the reliability of the station, which is essential for future development along the Southwest Arterial.

RELATIONSHIP TO OTHER PROJECTS

This project is related to Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
43 - Water & Resource Recovery Center	8C - Business Type	Kerper Court Lift Station Spare Pump	FY 2022 ACTIVITY NO: 710-2903	$ 40,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$40,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ 40,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the purchase of a spare pump, and pump rebuild kit, for the new Kerper Court Lift Station. A spare pump would allow staff to restore the full redundancy of the lift station more quickly in the case of a pump failure. The Kerper Court Lift Station serves much of Kerper Boulevard, and a large number of residences in the Eagle Point District.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT: 43 - Water & Resource Recovery Center		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Laboratory HVAC Replacement			YEAR FIRST SUBMITTED: FY 2022 ACTIVITY NO: 710-2904		TOTAL PROJECT COST $ 15,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 15,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ 15,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the replacement of one 11-ton, 2,165 CFM roof top air handling unit serving the City's Environmental Laboratory. The unit provides constant, conditioned, air exchange required in a laboratory. The elevated concentration of hydrogen sulphide, around the Water & Resource Recovery Center, contributes to accelerated decay of HVAC equipment. This unit has been repaired numerous times, including sealing of the evaporator coils to retain refrigerant, and has now reached the end of its useful life. A replacement unit will continue to provide consistent, conditioned air to the laboratory, improving the health, safety, and well-being of laboratory staff and clients.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Terminal Vehicle Wash Facility	FY 2019 ACTIVITY NO: 390-2788	$ 370,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 72,750	Design	$ —	$ —	$ —	$ —	$ —	$ —
	$ 227,750	Construction	$ 70,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 300,500	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 145,500	CSVI Funds	$ 70,000	$ —	$ —	$ —	$ —	$ —
	$ 155,000	CFC Funds	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 300,500	TOTAL	$ 70,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Revenue	$ —	$ 1,500	$ 8,600	$ 1,500	$ 1,500	$ 9,500

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for replacing the existing vehicle wash located on the general aviation side of the Airport with a vehicle wash near the recently constructed commercial service terminal building. This facility will consist of two self-serve wash bays and will be utilized by rental car agencies and Airport employees to wash Airport equipment. The preliminary design is being completed in FY21. Once the design is completed, it will provide an estimate of additional costs for the construction of this facility, most likely in two phases.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Reconstruct Taxiway Alpha	FY 2018 ACTIVITY NO: 390-2842	$ 12,400,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 350,000	Design & Engineering	$ 350,000	$ 465,000	$ 865,500	$ 424,500	$ —	$ —
		Construction	$ —	$ 2,635,000	$ 4,904,500	$ 2,405,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 350,000	TOTAL	$ 350,000	$ 3,100,000	$ 5,770,000	$ 2,830,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 315,000	FAA Entitlement Funds	$ 315,000	$ 1,000,000	$ 946,728	$ 1,000,000	$ —	$ —
		FAA Discretionary Funds	$ —	$ 1,790,000	$ 4,246,272	$ 1,547,000	$ —	$ —
	$ 35,000	DRA Distribution	$ 35,000	$ 310,000	$ —	$ —	$ —	$ —
		G.O. Debt (Sales Tax Fund 20%)	$ —	$ —	$ 577,000	$ 283,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 350,000	TOTAL	$ 350,000	$ 3,100,000	$ 5,770,000	$ 2,830,000	$ —	$ —

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 FY22. Construction on Taxiway Alpha SE (between Runway 31 approach end to Taxiway Charlie) to include all aspects of taxiway reconstruction, including finish grading, drainage, under drains, paving, airfield lighting, marking, and turfing, will be completed in FY23. Construction on Taxiway Alpha NW (between Runway 13 to Taxiway Delta) to include all aspects of taxiway reconstruction, including finish grading, drainage, under drains, paving, airfield lighting, marking, and turfing, will be completed in FY24. Taxiway Alpha Center (between Taxiways Delta and Charlie) ramp construction will be completed in FY25 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 and FAA funds.

DEPARTMENT: 51 - Airport		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Pavement Condition Study (PCN)			YEAR FIRST SUBMITTED: FY 2012 ACTIVITY NO: 390-1060		TOTAL PROJECT COST $ 103,472
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
	$ 50,200	Consultant Contract	$ —	$ —	$ 53,272	$ —	$ —	$ 56,533
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,200	TOTAL	$ —	$ —	$ 53,272	$ —	$ —	$ 56,533
		B. PROJECT FINANCING						
	$ 45,180	FAA Entitlement Funds	$ —	$ —	$ 47,945	$ —	$ —	$ 50,880
	$ 5,020	DRA Distribution	$ —	$ —	$ 5,327	$ —	$ —	$ 5,653
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,200	TOTAL	$ —	$ —	$ 53,272	$ —	$ —	$ 56,533

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the Pavement Condition Study (PCN), which is a method used to obtain a value for airfield pavements through a visual survey of the pavement. The PCN 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 PCN 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 and FAA Entitlement Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Asphalt Pavement Repair	FY 2016 ACTIVITY NO: 390-2664	$ 340,914

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 15,000	$ —	$ 10,000	$ —	$ —	$ —
$ 914	$ 15,000	Construction	$ 135,000	$ —	$ 165,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 914	$ 15,000	TOTAL	$ 150,000	$ —	$ 175,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 914	$ 15,000	DRA Distribution	$ 150,000	$ —	$ 175,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 914	$ 15,000	TOTAL	$ 150,000	$ —	$ 175,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for asphalt repairs for Airport land side paved areas, as needed. These projects are coordinated with the Engineering Department to determine which repairs are needed. When 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. FY2024 funding will provide for pavement replacement to the corporate hangar parking area in Lots 1 and 2. FY2026 funding will provide for replacing the pavement in Lot 3 in the corporate hangar parking area.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Corporate Hangar Facilities Maintenance	FY 2017 ACTIVITY NO: 390-2008	$ 121,002

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 41,002	Construction	$ 20,000	$ —	$ 20,000	$ —	$ 40,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 41,002	TOTAL	$ 20,000	$ —	$ 20,000	$ —	$ 40,000	$ —
		B. PROJECT FINANCING						
	$ 41,002	Sales Tax Fund (20%)	$ 20,000	$ —	$ —	$ —	$ 40,000	$ —
		DRA Distribution	$ —	$ —	$ 20,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 41,002	TOTAL	$ 20,000	$ —	$ 20,000	$ —	$ 40,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the 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. Tenants of these hangars generate fuel sales for the Dubuque Jet Center.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Storm Drain Improvements	FY 2018 ACTIVITY NO: 390-2662	$ 49,299

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,739	$ 27,560	Construction	$ —	$ —	$ 20,000	$ —	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,739	$ 27,560	TOTAL	$ —	$ —	$ 20,000	$ —	$ —	$ 20,000
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 20,000	$ —	$ —	$ 20,000
$ 1,739	$ 27,560	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,739	$ 27,560	TOTAL	$ —	$ —	$ 20,000	$ —	$ —	$ 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 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Update ARFF/Maintenance Building Lighting to LED fixtures	FY2021 ACTIVITY NO:	$ 15,100

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ —	$ 15,100	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 15,100	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 15,100	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 15,100	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ (2,175)	$ (2,175)	$ (2,175)	$ (2,175)	$ (2,175)

PROJECT DESCRIPTION/JUSTIFICATION

The Aircraft Rescue Fire Fighting (ARFF)/ Maintenance Building has over 50 existing linear fluorescent lamps, incandescent and emergency lighting fixtures. These would be replaced with LED fixtures. This would increase the visibility and address potential safety issues in maintenance and walk-through hallway areas. The current lighting fixtures are outdated and inefficient. This budget number does not include any potential rebates that would be received from Alliant Energy. As determined by energy consultants HGA during the Airport Master Plan update, estimated annual savings would be $2,175.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	SRE Building Vehicle/Equipment Lift	FY2021 ACTIVITY NO:	$ 28,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ —	$ —	$ 28,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 28,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ —	$ 28,000	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 28,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

For the Airport Mechanic to perform service and repair larger snow removal equipment and vehicles, an additional lift is needed. This will provide for the installation of a heavy duty; 20,000 lb. capacity vehicle and equipment lift in the Snow Removal Equipment Building (SRE). This would increase safety and productivity during vehicle and equipment repairs/maintenance and would accommodate a wider variety of vehicle configurations and lifting capability.

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: Update Corporate Hangar Lighting to LED			YEAR FIRST SUBMITTED: FY2021 ACTIVITY NO:		TOTAL PROJECT COST $ 10,100
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ 10,100	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 10,100	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 10,100	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 10,100	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This would provide for replacing and updating the existing 60 light fixtures in Corporate Aircraft Hangars #91 and #92. The majority of the current lights are High Pressure Sodium fixtures, which are outdated and inefficient. These light fixtures will be converted to LED lamps as a building retrofit. Lighting power density is typically reduced by 40% when replaced with LED. The cost of this project is for purchasing the lights/fixtures only as Airport Maintenance Staff will install them. This doesn't provide for any Alliant Energy rebates that may be available to reduce the project cost.

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, bandwidth redundancy.

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 $ 45,757
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
$ 2,368	$ 18,389	Construction	$ 10,000	$ —	$ —	$ 15,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,368	$ 18,389	TOTAL	$ 10,000	$ —	$ —	$ 15,000	$ —	$ —
		B. PROJECT FINANCING						
$ 2,368	$ 18,389	Sales Tax Fund (20%)	$ 10,000	$ —	$ —	$ 15,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,368	$ 18,389	TOTAL	$ 10,000	$ —	$ —	$ 15,000	$ —	$ —

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Replace ADA Compliant Detectible Warning Surface Pads at Terminal Parking Lots	FY2021 ACTIVITY NO:	$ 70,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering	$ —	$ 7,000	$ —	$ —	$ —	$ —
		Construction	$ —	$ 63,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 70,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 70,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 70,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The passenger terminal building opened for business in June 2016. This facility was newly constructed, which included vehicle parking lots adjacent to the building. There are a total of 235 ADA compliant detectable warning surface tactiles throughout the parking areas which are in need of repair. This project will provide for removing the existing plastic pads that have become cracked and broken and the surrounding concrete; replacing the pads with permanent, epoxy coated, cast iron pads and necessary concrete. The replacement is necessary to prevent safety issues.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Old Maintenance Shop Building Deconstruction	FY2021 ACTIVITY NO:	$ 37,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ 37,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 37,500	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 37,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 37,500	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This will provide for the deconstruction and removal of the existing Old Maintenance Shop and Car Wash facility which also houses the existing airfield and old terminal building emergency generator. Removal of this facility would provide for an additional location for building corporate hangars with existing apron access. Four new large corporate hangars have been constructed by airport tenants since 2016. Tenants of these hangars will generate fuel sales to the Dubuque Jet Center.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Relocate Existing Emergency Generator Project

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Relocate Existing Emergency Airfield and Old Terminal Generator	FY2021 ACTIVITY NO: 390-2905	$ 149,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering	$ 19,500	$ —	$ —	$ —	$ —	$ —
		Construction	$ 130,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 149,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Grant	$ 149,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 149,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Currently the airfield lighting (and formerly the old terminal building) is backed up with an emergency generator that is being replaced during FY21 with an FAA grant funded project. The Airport will retain the existing generator and it will be relocated and repurposed in an existing building between the Aircraft Rescue Fire Fighting/Maintenance Building (where ARFF staff/Airport servers are located) and the Jet Center Building (where the Administrative Offices and Fixed Base Operations are located). When the Airport loses power during a storm or electrical outages (the Airport is the located at the end of Alliant's electrical grid and frequently experiences power outages) there is a delay until the PTO-operated generator is able to be connected and operational. This project would provide for the continuation of operations for the security cameras, security system access, servers and would provide power to the ARFF/Administrative/FBO operations and the building used for the Emergency Command Center. This generator, along with the terminal generator and the airfield generator, will provide necessary electrical service to the Airport to ensure operations can be maintained during outages similar to those experienced by Cedar Rapids during the recent derecho event.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Old Maintenance Shop Deconstruction Project

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
51 - Airport	2C - Public Works	Additional AV Gas Fuel Tank	FY2021 ACTIVITY NO: 390-2877	$ 98,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ 98,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 98,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Grant	$ 98,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 98,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide for an additional 20,000 gallon, above ground AV gas fuel storage tank at the existing fuel farm. The aviation flight school has increased the number of students in their aviation flight program and have also purchased additional aircraft in their fleet. This necessitates the need for additional fuel storage capability. Availability of fuel inventory is limited, and the additional storage tank would provide the anticipated inventory needed to accommodate the flight school program. Fuel delivery times have increased to nearly one-week delivery time after placing the order. The Airport currently has one AV Gas fuel storage tank of 15,000 gallons.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Asphalt Milling Program	FY 2000	
			ACTIVITY NO: 300-1230	
			250-1230	$ 611,831

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 75,461	$ 103,268	Construction	$ 83,092	$ 84,754	$ 86,449	$ 88,178	$ 89,942	$ 91,741
687		Engineering	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 76,148	$ 103,268	TOTAL	$ 83,092	$ 84,754	$ 86,449	$ 88,178	$ 89,942	$ 91,741
		B. PROJECT FINANCING						
$ 75,461	$ 103,268	Sales Tax Fund (30%)	$ 83,092	$ 84,754	$ 86,449	$ 88,178	$ 89,942	$ 91,741
$ 687		Road Use Tax Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 76,148	$ 103,268	TOTAL	$ 83,092	$ 84,754	$ 86,449	$ 88,178	$ 89,942	$ 91,741

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-five years, the Public Works Department has made great progress in maintaining Dubuque's asphalt pavements by completing overlay projects on 231.05 centerline miles of asphalt streets. 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 related to the curb ramp program CIP #250-1227, 300-1227.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Curb Ramp Program	FY 2006	
			ACTIVITY NO: 300-1227	
			250-1227	$ 2,976,362

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 25,534	$ 63,971	Engineering Services	$ 29,264	$ 29,129	$ 30,002	$ 30,903	$ 31,830	$ 32,466
$ 523,432	$ 595,860	Construction	$ 313,001	$ 311,557	$ 320,904	$ 330,530	$ 340,445	$ 347,254
			$ —	$ —	$ —	$ —	$ —	$ —
$ 548,966	$ 659,831	TOTAL	$ 342,265	$ 340,686	$ 350,906	$ 361,433	$ 372,275	$ 379,720
		B. PROJECT FINANCING						
$ 1,205	$ 599,726	Sales Tax Fund (30%)	$ 342,265	$ 340,686	$ 350,906	$ 361,433	$ 372,275	$ 379,720
$ 547,761	$ 60,105	Road Use Tax Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 548,966	$ 659,831	TOTAL	$ 342,265	$ 340,686	$ 350,906	$ 361,433	$ 372,275	$ 379,720

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. 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Floodwall Post-Flood Repair Program	FY 2000 ACTIVITY NO: 300-1445	$ 278,602

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 4,471	$ 149,131	Construction	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,471	$ 149,131	TOTAL	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
		B. PROJECT FINANCING						
$ 4,471	$ 149,131	Sales Tax Fund (30%)	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000	$ 25,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,471	$ 149,131	TOTAL	$ 25,000	$ 25,000	$ 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. This appropriation request would provide adequate funds to perform timely repairs, which in turn assures the integrity of the flood control system. Repairs may include rip-rap replacement, pump overhauls, gate repairs, floodwall, and level repairs, dredging, debris removal, and associated storm sewer outlet remedial work.

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 may only be funded by Sales Tax Fund (30%) and Stormwater Construction Fund.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2020		TOTAL PROJECT COST
54 - Public Works		2C - Public Works	Ice Harbor Gates Fender Replacement Project			ACTIVITY NO:		$ 145,000
2017 EXPENSE	**2018 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ 145,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 145,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 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

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

FUNDING RESTRICTIONS

This project imay only be funded by Sales Tax Funds (30%) and Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Curb Replacement Program	FY 2000 ACTIVITY NO: 300-1226	$ 110,017

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 8,100	$ 21,917	Construction	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 8,100	$ 21,917	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
		B. PROJECT FINANCING						
$ 8,100	$ 21,917	Sales Tax Fund (30%)	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 8,100	$ 21,917	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000

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. All work is done by private contractors. This project supplements the Public Works Department's regular curb 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. 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Steps, Hand Railings and Wall-Top Fencing Program	FY 2000 ACTIVITY NO: 300-1432	$ 30,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ 10,000	$ 10,000	$ 10,000	$ —	$ 10,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —		TOTAL	$ —	$ 10,000	$ 10,000	$ 10,000	$ —	$ 10,000
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ 10,000	$ 10,000	$ 10,000	$ —	$ 10,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —		TOTAL	$ —	$ 10,000	$ 10,000	$ 10,000	$ —	$ 10,000

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 may only be funded by Sales Tax Fund (30%).

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Street Sign and Post Replacement Project	FY 2008	
			ACTIVITY NO: 250-1938	
			300-1938	$ 101,938

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 46,938		Signage	$ 10,000	$ 15,000	$ 15,000	$ 15,000	$ —	$ 15,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 46,938	$ —	TOTAL	$ 10,000	$ 15,000	$ 15,000	$ 15,000	$ —	$ 15,000
		B. PROJECT FINANCING						
$ 46,938		Sales Tax Fund (30%)	$ 10,000	$ 15,000	$ 15,000	$ 15,000	$ —	$ 15,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 46,938	$ —	TOTAL	$ 10,000	$ 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 signposts and poles, located along street right-of-way throughout the city. Progress has been made over 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 signposts and poles with new powder-coat-painted channel posts, square tubing galvanized posts or 2" poles. Galvanized or powder-coated signposts 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 signposts 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 may only be funded by 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: FY 1995 ACTIVITY NO: 300-1006		TOTAL PROJECT COST $ 197,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
	$ 5,000	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 10,000	$ 10,000
$ 32,000	$ 15,000	Construction	$ 20,000	$ 20,000	$ 20,000	$ 15,000	$ 40,000	$ 40,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 32,000	$ 20,000	TOTAL	$ 25,000	$ 25,000	$ 25,000	$ 20,000	$ 50,000	$ 50,000
		B. PROJECT FINANCING						
$ 32,000	$ 20,000	Sales Tax Fund (30%)	$ 25,000	$ 25,000	$ 25,000	$ 20,000	$ 50,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 32,000	$ 20,000	TOTAL	$ 25,000	$ 25,000	$ 25,000	$ 20,000	$ 50,000	$ 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	58,000 Gross Vehicle Weight Dump Truck Replacement	FY 2000	
			ACTIVITY NO: 300-2039	
			250-2039	$ 896,428

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 285,409	$ 215,000	Equipment	$ —	$ —	$ 396,019	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 285,409	$ 215,000	TOTAL	$ —	$ —	$ 396,019	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 285,409		Sales Tax Fund (30%)	$ —	$ —	$ 342,000	$ —	$ —	$ —
	$ 215,000	Road Use Tax Fund	$ —	$ —	$ 54,019	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 285,409	$ 215,000	TOTAL	$ —	$ —	$ 396,019	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the purchase of one additional truck and for the replacement of two (2) of the Public Works Department's six 56,000 gross vehicle weight (GVW) street maintenance/snow and ice control dump trucks. The new trucks will be purchased 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. The two existing, units #3216 and #3245 recommended for replacement in FY2024 have been pushed to request replacement in FY2025. 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. Unit 4004 is requested to be replaced after eight (8) years of service use in FY2027. This unit is anticipated to be replaced with a 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.

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 only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Vacuum Street Sweeper Replacement Project	FY 2015 ACTIVITY NO: 300-1209 250-1209	$ 432,854

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 210,000	Equipment	$ —	$ 222,854	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 210,000	TOTAL	$ —	$ 222,854	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 210,000	Road Use Tax Fund	$ —	$ —	$ —	$ —	$ —	$ —
		Sales Tax Fund (30%)	$ —	$ 222,854	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 210,000	TOTAL	$ —	$ 222,854	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of both of the Public Works Department's two air vacuum street sweepers. Unit # 4002 is a Schwarze four-wheel air sweeper and is requested to be replaced after eight (8) 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. This unit was originally scheduled for replacement in FY2023. 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	44,000 GVW Dump Truck Replacement	FY 2017	
			ACTIVITY NO: 300-2539	
			250-2539	$ 725,801

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 136,959		Equipment	$ 325,000	$ —	$ —	$ —	$ 263,842	$ 269,119
			$ —	$ —	$ —	$ —	$ —	$ —
$ 136,959	$ —	TOTAL	$ 325,000	$ —	$ —	$ —	$ 263,842	$ 269,119
		B. PROJECT FINANCING						
$ 136,959		Sales Tax Fund (30%)	$ 325,000	$ —	$ —	$ —	$ 263,842	$ 269,119
			$ —	$ —	$ —	$ —	$ —	$ —
$ 136,959	$ —	TOTAL	$ 325,000	$ —	$ —	$ —	$ 263,842	$ 269,119

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the replacement of five (5) of the nine (9) Public Works Department's 35,000 - 44,000 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, three units originally scheduled in 2024 - pushed to FY2026, and three units originally scheduled for FY2026 pushed to FY2027. 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 FY2026 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. In FY2027 units #3201, #3203, and unit #3204 will be replaced with 44,000 GVW chassis unit and 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.

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 (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Central Storage Building Roof Repair Project	FY2022 ACTIVITY NO: 102-2938	$ 29,600

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 29,600	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 29,600	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 29,600	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 29,600	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the removal of the roof mounted vehicle exhaust units and associated roof repairs to the Central Storage Facility (former bus barn). If funded, this project will provide finds to remove two 9ft x 19ft vehicle exhaust units, remove associated duct work, electrical service, and gas piping. Install plywood and rubber roofing to the area where the units were removed. The repair will assure the building remains watertight and will avoid further maintenance caused by the deterioration of the roof top units.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Sales tax Fund (20%) and DRA Funding

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Aerial Bucket Truck Replacement	2020	
			ACTIVITY NO: 300-1839	
			250-1839	$ 450,876

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 125,876		Equipment	$ 325,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 125,876	$ —	TOTAL	$ 325,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Road Use Tax Fund	$ 325,000	$ —	$ —	$ —	$ —	$ —
$ 125,876		Sales Tax Fund (30%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 125,876	$ —	TOTAL	$ 325,000	$ —	$ —	$ —	$ —	$ —

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, streetlights, 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 is always ready to perform timely repairs to Dubuque's growing number of signalized intersections, expanding security camera system, and numerous City-owned streetlights.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	33,000 GVW Dump Truck with Bucket Replacement Project	FY 2021 ACTIVITY NO: 300-2539	$ 316,759

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 136,959		Equipment	$ 179,800	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 136,959	$ —	TOTAL	$ 179,800	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 136,959		Sales Tax Fund (30%)	$ 179,800	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 136,959	$ —	TOTAL	$ 179,800	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This capital project provides for the replacement of one 33,000 dump truck equipped with a material bucket. The current unit will be nine years old by the time it will be replaced. This unit is used daily to pick up and haul to the landfill street sweeper debris, dead animals, litter receptacle materials, illegal roadside dumps, debris from vehicle accidents, general street and city property litter and storm cleanup debris. The expected life of this unit is 8 years.

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 (30%) and Road Use Tax Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Conversion of the Fire Protection System at the Central Storage Facility			YEAR FIRST SUBMITTED: 2016 ACTIVITY NO:		TOTAL PROJECT COST $ 18,500
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ —	$ —	$ —	$ 18,500	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 18,500	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ —	$ —	$ 18,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 18,500	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funds for the conversion of the fire suppression system located that the Central Storage Facility (former bus barn). Currently the facility is used by the Public Works Department, Park Division, Engineering Department, Transit Department and Police Department for storage. Items stored at this facility include HESO flood control units, other flood control supplies, seasonal storage of mowing equipment, downtown benches, tables, buses for salvage parts, and a secured are for police storage. This project would eliminate the need to heat the entire building to protect the fire suppression system.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital improvement projects.

OUTCOME

Financially Responsible, High Performance City Organization: Have well maintained City infrastructure.

FUNDING RESTRICTIONS

This project may only be funded by Sales tax Fund (20%) and DRA Funding

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2022		TOTAL PROJECT COST
54 - Public Works		2C - Public Works	Municipal Service Center Vehicle Maintenance Area Wall Cleaning and Painting Project			ACTIVITY NO:		$ 5,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering	$ —	$ —	$ —	$ 5,000		$ —
		Construction	$ —	$ —	$ —		$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 5,000	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ —	$ —	$ 5,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 5,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funds to clean and paint the walls in the Municipal Services Center's vehicle maintenance area. In 2005 the Municipal Services Center was constructed and opened for use. Of the 130,000 sq. ft. building about 17,500 sq. ft. of the building is used for vehicle and equipment maintenance. After 20 years of the consent running of various types of vehicles in and out of the vehicle maintenance area has caused the walls to become dirt and sot covered and in need of cleaning and repainting. A clean workspace encourages a more professional work environment and provides for better work force retention.

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 may only be funded by Sales Tax Fund (30%)

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED:		TOTAL PROJECT COST
54 - Public Works		2C - Public Works	Municipal Service Center Vehicle Maintenance Area Oil Lubrication System			FY 2022 ACTIVITY NO: 810-2907		$ 40,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Oil Lube Systems	$ 40,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Garage Fund	$ 40,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 40,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funds to expand the oil lubrication system in the Municipal Services Center Vehicle Maintenance Area. Current oil/lube dispensing system was installed when building was built in 2005. The existing system has 5 dispensing stations which monitor all fluids to each vehicle serviced. There are currently four stations in the fleet maintenance garage and one dispensary in the parking area for vehicle operators. Since 2016 the fleet maintenance garage has added an additional lift which requires another dispensary.

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 may only be funded by Sales Tax Fund (30%)

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	Electric Vehicle Charging Infrastructure Located at the Municipal Services Center	FY 2022 ACTIVITY NO: 300-2908	$ 238,266

2019 EXPENSE	2019 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design and Engineering	$ 15,602	$ —	$ 20,139	$ —		
		Construction	$ —	$ 88,405	$ —	$ 114,120	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,602	$ 88,405	$ 20,139	$ 114,120	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 15,602	$ 88,405	$ 20,139	$ 114,120	$ —	
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,602	$ 88,405	$ 20,139	$ 114,120	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the instillation of electric vehicle charging stations at the Municipal Services Center. The charging stations would be used to charge electric vehicles used by various City departments and parked at the Municipal Services Center. If this project is approved, in fiscal years 2023 and 2025 construction of a total of 22 charging stations serving 41 parking spaced would be installed in the current parking areas at the Municipal Services Center. In fiscal years 2022/23 six chargers would be installed to serve twelve spaces and in fiscal years 2024/25 sixteen additional chargers would be installed to support twenty-nine parking spaces.

RELATIONSHIP TO OTHER PROJECTS

The project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%).

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	8C - Business Type	Solid Waste Collection Vehicles	FY 2017 ACTIVITY NO: 670-1533	$ 2,749,484

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 695,039	Equipment	$ 452,275	$ 495,411	$ 314,307	$ 465,447	$ 327,005	$ 166,773
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 695,039	TOTAL	$ 452,275	$ 495,411	$ 314,307	$ 465,447	$ 327,005	$ 166,773
		B. PROJECT FINANCING						
	$ 695,039	Refuse Collection Fund	$ 277,275	$ 260,411	$ 259,307	$ 200,447	$ 221,005	$ 166,773
		G.O. Debt (Refuse)	$ 175,000	$ 235,000	$ 55,000	$ 265,000	$ 106,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 695,039	TOTAL	$ 452,275	$ 495,411	$ 314,307	$ 465,447	$ 327,005	$ 166,773

PROJECT DESCRIPTION/JUSTIFICATION

This annual project provides for the replacement of eleven (11) solid waste collection vehicles from Fiscal Year 2022 through Fiscal Year 2027. The truck replacement will be in Fiscal Year 2022 (#3415 and #3408 two side loaders); in Fiscal Year 2023 (#3409 and #3416 two side loaders, one automated and one semi-automated); in Fiscal Year 2024 (#3401 and #3405 two rear loaders); in Fiscal Year 2025 (#3402 and #3410 one automated side loader and one grappler); in Fiscal Year 2026 (#3403 and #3404 two rear loaders) and in Fiscal Year 2027 (#3407 one rear loader). The different styles of trucks will be used to collect customers garbage, bulky items, recyclables, and yard waste and/or food scraps manually and/or by using a hydraulic lifting system for tipper carts. Beginning fiscal year 2021, the City will phase in one automated truck. Phasing in automated collection trucks will help 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.

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 may only be funded by Refuse Collection Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	8C - Business Type	Sanitary Sewer Root Foaming	FY 2000 ACTIVITY NO: 710-1341	$ 209,530

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 29,530	$ 30,000	Consultant Services	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 29,530	$ 30,000	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
		B. PROJECT FINANCING						
$ 29,530	$ 30,000	Sanitary Sewer Construction Fund	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 29,530	$ 30,000	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 may only be funded by the Sanitary Sewer Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
54 - Public Works	2C - Public Works	High Pressure Sewer Jet Cleaner Replacement	FY 2020 ACTIVITY NO: 710-2405 720-2405	$ 554,080

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 344,080		Equipment Purchase	$ —	$ —	$ 210,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 344,080	$ —	TOTAL	$ —	$ —	$ 210,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 274,642		State Revolving Fund Loan	$ —	$ —	$ 210,000	$ —	$ —	$ —
$ 69,438		Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 344,080	$ —	TOTAL	$ —	$ —	$ 210,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides 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 may only be funded by the Sanitary Sewer Construction Fund.

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 $ 366,667
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Equipment	$ 366,667	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 366,667	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ 366,667	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 366,667	$ —	$ —	$ —	$ —	$ —

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 may only be funded by the Stormwater Construction Fund.

DEPARTMENT: 54 - Public Works		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Smart Lid Manhole Project			YEAR FIRST SUBMITTED: 2019 ACTIVITY NO: 710-2909		TOTAL PROJECT COST $ 150,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 1,000

PROJECT DESCRIPTION/JUSTIFICATION

Currently there are over 175 sections of gravity flow sanitary sewer pipe that require programed maintenance. While programed maintenance greatly reduces the chance of basement backups and sanitary sewer overflows, it does place high demands on staff and equipment. Cleaning only when needed, using real time data, provides 24/7 monitoring of lines and eliminates unnecessary cleaning of lines. The manhole sensors provide real-time monitoring data, and the software uses trend analytics which is used to anticipate the rate of build-up. Cleaning lines only when needed allows additional time to clean other lines that currently receive little or no maintenance. The data from these sensors juxtaposed with the FOG program data, can allow us to utilize extra time to FOG identified trouble areas throughout the city. This project would help us meet our goal of cleaning the total system once every six (6) 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 may only be funded by the Sanitary Sewer Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sanitary Sewer Extensions to New Developments	FY 2018 ACTIVITY NO: 710-1293	$ 343,568

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 6,582	$ 10,275	Engineering Services	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
	$ 3,000	Property Cost	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
$ 14,666	$ 11,310	Construction Cost	$ —	$ 29,153	$ 143,582	$ —	$ —	$ 226,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,248	$ 24,585	TOTAL	$ 25,000	$ 54,153	$ 168,582	$ 25,000	$ 25,000	$ 251,000
		B. PROJECT FINANCING						
$ 21,248	$ 24,585	Sanitary Sewer Construction Fund	$ 25,000	$ 54,153	$ —	$ 25,000	$ 25,000	$ 251,000
		State Revolving Fund Loan	$ —	$ —	$ 168,582	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,248	$ 24,585	TOTAL	$ 25,000	$ 54,153	$ 168,582	$ 25,000	$ 25,000	$ 251,000

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. There remains one subdivision that utilized $150,000 in loan funding with payments due when lots are sold. 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sanitary Sewer Extensions to Existing Developments	FY 2018 ACTIVITY NO: 710-1350	$ 2,193,420

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 90,000	Engineering Services	$ —	$ 180,000	$ —	$ —	$ 51,530	$ 62,000
$ 2,600	$ 104,510	Property Acquisition	$ —	$ —	$ —	$ —	$ 15,000	$ 15,000
	$ 410,000	Construction	$ —	$ 1,020,000	$ —	$ —	$ 319,780	$ 400,400
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,600	$ 604,510	TOTAL	$ —	$ 1,200,000	$ —	$ —	$ 386,310	$ 477,400
		B. PROJECT FINANCING						
$ 2,600	$ 4,510	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
		Special Assessments	$ —	$ —	$ —	$ —	$ 154,524	$ 190,960
	$ 600,000	State Revolving Fund Loan	$ —	$ 1,200,000	$ —	$ —	$ 231,786	$ 286,440
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,600	$ 604,510	TOTAL	$ —	$ 1,200,000	$ —	$ —	$ 386,310	$ 477,400
		C. IMPACT - OPERATIONS						
		Operating Revenue	$ —	$ 50,000	$ 66,263	$ 68,251	$ 76,698	$ 86,933

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 Nightingale 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 may only be funded by Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Twin Ridge Subdivision - Lagoon Abandonment	FY 2018 ACTIVITY NO: 710-2754	$ 468,017

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 2,377	Engineering Services	$ —	$ —	$ 60,000	$ —	$ —	$ —
	$ 639	Construction Cost	$ —	$ —	$ 405,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 3,017	TOTAL	$ —	$ —	$ 465,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ 465,000	$ —	$ —	$ —
	$ 3,017	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 3,017	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 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 may only be funded by Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sanitary Sewer Extensions - Existing Development, Pre-annexation and Annexation Agreements	FY 2019 ACTIVITY NO: 710-1012	$ 233,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Cost	$ —	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 31,500	$ —	$ —	$ —	$ —	$ 200,000
		Property Cost	$ —	$ —	$ —	$ —	$ —	$ —
		Construction Cost	$ 202,000	$ —	$ —	$ —	$ —	$ 800,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 233,500	$ —	$ —	$ —	$ —	$ 1,000,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 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 for FY22 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sewer Utility Asset Management Plan	FY 2019 ACTIVITY NO: 710-2791	$ 522,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 370,000	Consultant Cost	$ 110,000	$ —	$ —	$ —	$ —	$ —
	$ 31,000	Engineering Services	$ 11,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 401,000	TOTAL	$ 121,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 401,000	State Revolving Fund Loan	$ 121,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 401,000	TOTAL	$ 121,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ 9,917	$ 9,917	$ 9,917	$ 9,917	$ 9,917

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.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2019 ACTIVITY NO: 710-2791	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sewer Utility Asset Management Plan		$ —

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sanitary Sewer CCTV Inspection, Cleaning, & Assessment	FY 2020 ACTIVITY NO: 710-2793	$ 1,260,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 10,000	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
	$ 350,000	Consulting Services	$ 175,000	$ 175,000	$ 175,000	$ 175,000	$ 175,000	$ 175,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 360,000	TOTAL	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000
		B. PROJECT FINANCING						
	$ 360,000	State Revolving Fund Loan	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 360,000	TOTAL	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ 14,958	$ 14,958	$ 14,958	$ 29,916	$ 29,916

PROJECT DESCRIPTION/JUSTIFICATION

As of Fiscal Year 2019, the City had 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 (FY20-FY29). 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 may only be funded by Sanitary Sewer Construction Funds and SRF Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Catfish Creek Southfork Interceptor Sewer	FY 2012 ACTIVITY NO: 710-1899	$ 568,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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						
		Sanitary Sewer Construction Fund	$ —	$ 34,181	$ —	$ —	$ —	$ —
		State Revolving Fund Loan	$ —	$ —	$ 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Knob Hill-Duggan Drive Sanitary Sewer Reconstruction	FY 2012 ACTIVITY NO: 710-2323	$ 149,310

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 18,450	$ —	$ —	$ —	$ —
		Construction Cost	$ —	$ 130,860	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 149,310	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ 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 watertight 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 may only be funded by Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Brunswick Sanitary Sewer	FY 2019 ACTIVITY NO: 710-2232	$ 78,300

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Southgate Sanitary Sewer Reconstruction	FY 2008 ACTIVITY NO: 710-2234	$ 114,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ 10,000	$ 4,500	$ —	$ —
		Construction Cost	$ —	$ —	$ —	$ 100,000	$ —	$ —
		Property Acquisition	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 10,000	$ 104,500	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ 10,000	$ —	$ —	$ —
		State Revolving Fund Loan	$ —	$ —	$ —	$ 104,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 10,000	$ 104,500	$ —	$ —

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Center Grove Sanitary Sewer Reconstruction (Street Project)	FY 2014 ACTIVITY NO: 710-2550	$ 67,300

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Grove Terrace Sanitary Sewer Reconstruction (Consent Decree)	FY 2017 ACTIVITY NO: 710-2666	$ 110,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 10,000	$ —	$ —	$ —	$ —
		Construction Cost	$ —	$ 100,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 110,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ 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 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. The sewer is located in Consent Decree Sanitary Sewershed 12 and was identified for replacement as part of the City's Consent Decree Corrective Action Plan. Originally budgeted in FY 17, the project schedule has been adjusted to reflect the USEPA approved revised schedule which established that the completion shall be no later than December 2022. However, due to the COVID-19 pandemic, the completion date will be delayed a year.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Hempstead Sanitary Sewer Reconstruction	FY 2017 ACTIVITY NO: 710-2795	$ 296,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 30,000	Engineering Services	$ —	$ 15,000	$ 10,000	$ —	$ —	$ —
		Construction Cost	$ —	$ —	$ 271,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 15,000	$ 281,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ 281,000	$ —	$ —	$ —
	$ 30,000	Sanitary Sewer Construction Fund	$ —	$ 15,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 15,000	$ 281,000	$ —	$ —	$ —

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.

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 may only be funded by SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Cooper Place and Maiden Lane Sanitary Sewer Reconstruction (Consent Decree)	FY 2018 ACTIVITY NO:	$ 20,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 20,000	$ 10,000
		Construction Cost	$ —	$ —	$ —	$ —	$ —	$ 318,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 20,000	$ 328,000
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 20,000	$ 328,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 20,000	$ 328,000

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 be no later than December 2026. However, due to the COVID-19 pandemic, the completion date will be delayed a year.

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 may only be funded by SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Abbott & Cottage Sanitary Sewer Reconstruction	FY 2018 ACTIVITY NO:	$ 227,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ 15,000	$ 7,500	$ —	$ —
		Construction Cost	$ —	$ —	$ —	$ 205,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 15,000	$ 212,500	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ 15,000	$ —	$ —	$ —
		State Revolving Fund Loan	$ —	$ —	$ —	$ 212,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 15,000	$ 212,500	$ —	$ —

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 that has exhibited higher levels of I&I than other sewersheds.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Harvard Street Sanitary Sewer Reconstruction (Consent Decree)	FY 2018 ACTIVITY NO:	$ 183,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 18,000	$ 5,000	$ —
		Construction Cost	$ —	$ —	$ —	$ —	$ 160,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 18,000	$ 165,000	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ 18,000	$ —	$ —
		State Revolving Fund Loan	$ —	$ —	$ —	$ —	$ 165,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 18,000	$ 165,000	$ —

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. However, due to the COVID-19 pandemic, the completion date will be delayed a year.

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements	FY 2016 ACTIVITY NO: 710-2606	$ 5,340,938

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 172,763	$ 62,505	Consultant Services	$ 135,000	$ 200,000	$ —	$ —	$ —	$ —
$ 20,907	$ 5,259	Engineering Services	$ 31,000	$ 60,000	$ —	$ —	$ —	$ —
$ 318,942	$ 1,084,562	Construction Cost	$ 542,000	$ 2,000,000	$ 708,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 512,612	$ 1,152,326	TOTAL	$ 708,000	$ 2,260,000	$ 708,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 153,000	$ 903,000	State Revolving Fund Loan	$ 708,000	$ 2,260,000	$ 708,000	$ —	$ —	$ —
$ 359,612	$ 249,326	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 512,612	$ 1,152,326	TOTAL	$ 708,000	$ 2,260,000	$ 708,000	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 60,660	$ 148,170	$ 148,170	$ 148,170	$ 148,170	$ 148,170

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 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 710-2606	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Cedar and Terminal Street Lift Station and Force Main Assessment and Improvements		$ 5,491,591

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 Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Force Main Stabilization	FY 2021 ACTIVITY NO: 710-2846	$ 1,400,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2021	2022	2023	2024	2025	2026
		A. EXPENDITURE ITEMS						
	$ 100,000	Consulting Engineers	$ —	$ —	$ —	$ —	$ —	$ —
		Construction Cost	$ 1,300,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 100,000	TOTAL	$ 1,300,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 1,300,000	$ —	$ —	$ —	$ —	$ —
	$ 100,000	General Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 100,000	TOTAL	$ 1,300,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the stabilization of approximately 3,000 feet the City's 42-inch diameter sanitary sewer force main that runs along the main channel of the Mississippi from Maus Lake to the south. The work entails the reconstruction of the river embankment so that there is adequate cover and protection from the river and debris floating along the river. It will also provide protection from river barges that travel up and down the river, sometimes tying off in areas where the existing force main is exposed. The project will be done by the U. S. Army Corps of Engineers (USACE) through their Emergency Streambank Repair and Shoreline Protection program (Section 14 of the Flood Control Act of 1946). Through that program, the USACE will design and construct the improvements. The USACE began the Planning Design Analysis (PDA) in FY21. The USACE covers the initial $100,000. Anything above that amount is cost shared 50/50. The City budgeted $100,000 in FY21 to cover its share of PDA costs. Currently estimated at $7.7 million, the construction costs will be known following the PDA to be completed in early FY22. The City's share of the construction cost will be 35% of the total cost and it is due to the USACE up front, prior to construction. The City's 42-inch diameter sanitary sewer force main was constructed in 1977 with about 3,000 feet located along the banks of the Mississippi. It carries approximately 80 percent (80%) of the City's daily average flows to the Water and Resource Recovery Center. Over the years, erosion of the banks of the Mississippi have reduced the ground cover (and protection) to the point where the pipe is showing in a few places. Because the flow is under pressure, if the force main was to be ruptured, it would result in the discharge of thousands of gallons of untreated wastewater directly into the Mississippi.

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 may only be funded by Sanitary Sewer Construction Funds and SRF Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Sanitary Sewer Lining Program	FY 2010 ACTIVITY NO: 710-1637	$ 426,183

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 15,000	$ —	$ 20,000	$ —	$ —
$ 13,330	$ 60,353	Construction Cost	$ —	$ 117,500	$ —	$ 200,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 13,330	$ 60,353	TOTAL	$ —	$ 132,500	$ —	$ 220,000	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ —	$ 132,500	$ —	$ —	$ —	$ —
$ 13,330	$ 60,353	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ 220,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 13,330	$ 60,353	TOTAL	$ —	$ 132,500	$ —	$ 220,000	$ —	$ —

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. Funding in FY23 is to address anticipated Consent Decree corrections in Consent Decree Sewershed 7.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Sanitary Sewer CCTV Inspection, Cleaning, & Assessment CIP which will identify and prioritize the sewers for lining.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project may only be funded by Sanitary Sewer Construction Funds or SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Manhole Replacement / Rehabilitation Program (Consent Decree)	FY 2012 ACTIVITY NO: 710-1335	$ 498,947

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 25,000	$ 6,500	$ —	$ 6,500	$ —	$ —
$ 9,363	$ 114,584	Construction Cost	$ 250,000	$ 43,500	$ —	$ 43,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 9,363	$ 114,584	TOTAL	$ 275,000	$ 50,000	$ —	$ 50,000	$ —	$ —
		B. PROJECT FINANCING						
$ 9,363	$ 114,584	Sanitary Sewer Construction Fund	$ 275,000	$ 50,000	$ —	$ 50,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 9,363	$ 114,584	TOTAL	$ 275,000	$ 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

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Perry Street & Bradley Street Lift Station and Force Main Improvements	FY 2018 ACTIVITY NO: 710-2910	$ 260,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 35,000	$ —	$ —	$ —	$ —	$ —
		Construction Cost	$ —	$ 225,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
		TOTAL	$ 35,000	$ 225,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 35,000	$ 225,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
		TOTAL	$ 35,000	$ 225,000	$ —	$ —	$ —	$ —

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 may only be funded by Sanitary Sewer Construction Funds and SRF Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Couler Valley Interceptor Inspection & Cleaning	FY 2018 ACTIVITY NO: 710-2911	$ 85,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Cost	$ —	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 5,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 80,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 85,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
		TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project fund provides for investigation of the 36- and 42-inch diameter Couler Valley Sanitary Sewer Collector that runs 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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	General Sanitary Sewer Replacement	ACTIVITY NO: 710-1289	$ 1,500,009

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 68,511	$ 20,000	Engineering Services	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
$ 228,998	$ 182,500	Construction	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000	$ 180,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 297,509	$ 202,500	TOTAL	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000
		B. PROJECT FINANCING						
$ 297,509	$ 202,500	Sanitary Sewer Construction Fund	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 297,509	$ 202,500	TOTAL	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000	$ 200,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for emergency replacement of the City's sanitary sewer system when significant and potentially hazardous defects are discovered. The City has initiated efforts to inspect and characterize the condition of the 300+ mile sanitary sewer system in order to prioritize and address high risk sections [see CIP 710-2793: Sanitary Sewer CCTV Inspection, Cleaning, & Assessment] in order to identify sewers in need of replacement and help prioritize those with a higher risk of failure. However, until that process is completed, this project provides funding to replace higher risk sewers discovered during the course of the year. Finally, this provides funding to replace sanitary sewers impacted by other City infrastructure replacement projects (i.e. street reconstruction/resurfacing projects).

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	King Street Sanitary Sewer Reconstruction	FY 2009 ACTIVITY NO: 710-2407	$ 9,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 9,500	$ 2,200
		Construction Cost	$ —	$ —	$ —	$ —	$ —	$ 85,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 9,500	$ 87,200
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ 9,500	$ 87,200
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 9,500	$ 87,200

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 may only be funded by Sanitary Sewer Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Catfish and Granger Creek Interceptor, Force Main and Lift Station Improvements	FY 2017 ACTIVITY NO: 710-2607	$ 373,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 187,000	Consultant	$ 130,000	$ —	$ —	$ —	$ —	$ —
	$ 56,000	Engineering Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 243,000	TOTAL	$ 130,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 234,000	State Revolving Fund Loan	$ 130,000	$ —	$ —	$ —	$ —	$ —
	$ 9,000	Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 243,000	TOTAL	$ 130,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides asset and master planning analysis fort future infrastructure improvements to sewersheds draining into the Catfish Creek and Granger Creek Sanitary Interceptors Sewers and the Catfish Creek Lift Station in order to reduce and prevent sanitary sewer overflows by identifying capacity improvements needs. The 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. Thus, there is currently limited information known regarding the condition of the system and 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. Overflows requiring emergency by-pass pumping have happened every year since 2014.
Funding in FY22 will allow for pumping capacity analysis and mastering planning of the needed improvements. Initial indications of the work completed in 2020 show that some sections of the pipe system and lift station are nearing maximum capacity and that after the analysis is complete recommendations for capital improvements for FY23 may be in the magnitude of $20 Million.

RELATIONSHIP TO OTHER PROJECTS

This project must be funded prior to, or in conjunction with, the McFadden Farm Sanitary Sewer Extension Project.

OUTCOME

Sustainable Environment: Have clean water – ground and surface.

FUNDING RESTRICTIONS

This project may only be funded by Sanitary Sewer Construction Fund and Sanitary Sewer revenue bonds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: 2021	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Bee Branch Interceptor Sewer Connection	ACTIVITY NO:	$ 3,335,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 35,000	$ —	$ —
		Consulting Services	$ —	$ —	$ —	$ 100,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ 3,200,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 3,335,000	$ —	$ —
		B. PROJECT FINANCING						
		Sanitary Sewer Construction Fund	$ —	$ —	$ —	$ 3,335,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 3,335,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Both the Upper and Lower segments of the Bee Branch Greenway included the installation of a new 36" gravity sanitary interceptor sewer. Because both of these phases were completed prior to the Bee Branch Railroad Crossing Project. In the interium an 18" sanitary sewer siphon was installed in Garfield Avenue until the railroad crossing could be completed which would connect the upper 36" sewer with the lower 36" sewer. The siphon is now starting to fill the upstream 36" gravity sewer with sludge resulting in additional maintenance costs. When the railroad project was bid the connecting sewer was included in the project documents, however when bids were received they were significantly over budget and the connecting sewer could not be funded through the railroad crossing project. This project will fund the construction of the missing 36" connecting sewer. To install this segment of pipe, the sewer will be microtunneled underneath the Canadian Pacific rail yard. This project is 100% and permitted by the railroad so construction may proceed once funding is available.

RELATIONSHIP TO OTHER PROJECTS

Upper and Lower Bee Branch

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, bandwidth redundancy

FUNDING RESTRICTIONS

This project may only be funded by Sanitary Sewer Construction Fund or Storm Sewer Construction Fund

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Sanitary Sewer	8C - Business Type	Force Main Air Release Replacement Project	2021 ACTIVITY NO: 710-2912	$ 1,300,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ —	$ —
		Consulting Services	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ —	$ —
		Construction	$ 250,000	$ 250,000	$ 250,000	$ 250,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 325,000	$ 325,000	$ 325,000	$ 325,000	$ —	$ —
		B. PROJECT FINANCING						
		State Revolving Fund Loan	$ 325,000	$ 325,000	$ 325,000	$ 325,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 325,000	$ 325,000	$ 325,000	$ 325,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

In 2020 a condition report was completed on the primary force main system that runs between the Cedar Street lift station to the Terminal Street lift station to the W&RRC. Approximately 80% of all wastewater travels to the W&RRC for treatment via the force main leaving the Terminal Street lift station. The high points in this force main pipe network contain air releases that allow hydrogen sulfide gas to escape the pipe so that they don't develop a concentrated pocket inside the pipe which can lead to accelerated deterioration and pipe failure. Several of these air releases are no longer functional and need to be replaced. These locations include 4th Street, 3rd Street, the valve house, CN rail yard, South Port levee, Julien Dubuque Drive and the softball fields. Funding in each of the fiscal years provide for purchasing a second air release for all air release locations on the force main system so that each location can be swapped out on an annual basis for maximum system performance and the replaced air releases can be cleaned and rehabilitated as time permits so that it is ready to be put back into service in the upcoming months.

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 may be funded by Sanitary Sewer Construction Funds or SRF loans repaid from sanitary sewer utility proceeds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Stormwater Infiltration & Inflow Elimination Program	FY 2015 ACTIVITY NO: 720-2332	$ 590,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 9,239	$ 15,000	Design & Engineering	$ 5,000	$ 10,000	$ 12,500	$ 12,500	$ 12,500	$ 12,500
$ 30,829	$ 94,932	Construction	$ 45,000	$ 80,000	$ 87,500	$ 87,500	$ 87,500	$ 87,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ 40,068	$ 109,932	TOTAL	$ 50,000	$ 90,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
		B. PROJECT FINANCING						
$ 40,068	$ 109,932	Stormwater Construction Fund	$ 50,000	$ 90,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 40,068	$ 109,932	TOTAL	$ 50,000	$ 90,000	$ 100,000	$ 100,000	$ 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 may only be funded by Stormwater Construction Fund and the Sanitary Sewer Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Storm Sewer - General Replacements	FY 2012 ACTIVITY NO: 720-1066	$ 605,084

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 57,702		Design & Engineering	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 20,500
$ 47,382		Construction	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 30,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ 105,084	$ —	TOTAL	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 51,000
		B. PROJECT FINANCING						
$ 105,084		Stormwater Construction Fund	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 51,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 105,084	$ —	TOTAL	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 51,000

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 may only be funded by Stormwater Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Storm Sewer Improvements/Extensions	FY 2014 ACTIVITY NO: 720-1008	$ 472,998

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 16,464	$ 20,000	Design & Engineering	$ 10,000	$ 10,000	$ 10,500	$ 10,500	$ 11,000	$ 11,000
$ 34,089	$ 98,445	Construction	$ 50,000	$ 50,000	$ 50,500	$ 50,500	$ 51,000	$ 51,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 50,553	$ 118,445	TOTAL	$ 60,000	$ 60,000	$ 61,000	$ 61,000	$ 62,000	$ 62,000
		B. PROJECT FINANCING						
$ 50,553	$ 118,445	Stormwater Construction Fund	$ 60,000	$ 60,000	$ 61,000	$ 61,000	$ 62,000	$ 62,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 50,553	$ 118,445	TOTAL	$ 60,000	$ 60,000	$ 61,000	$ 61,000	$ 62,000	$ 62,000

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 may only be funded by Stormwater Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Catch Basin Reconstruction	FY 2014 ACTIVITY NO: 720-1081	$ 458,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 29,520	$ 10,000	Design & Engineering	$ 10,000	$ 10,000	$ 10,500	$ 10,500	$ 11,000	$ 11,000
$ 101,585	$ 47,895	Construction	$ 43,000	$ 43,000	$ 43,500	$ 43,500	$ 44,000	$ 44,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 131,105	$ 57,895	TOTAL	$ 53,000	$ 53,000	$ 54,000	$ 54,000	$ 55,000	$ 55,000
		B. PROJECT FINANCING						
$ 131,104	$ 57,895	Stormwater Construction Fund	$ 53,000	$ 53,000	$ 54,000	$ 54,000	$ 55,000	$ 55,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 131,104	$ 57,895	TOTAL	$ 53,000	$ 53,000	$ 54,000	$ 54,000	$ 55,000	$ 55,000

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 may only be funded by Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Drain Tile Program	FY 2014 ACTIVITY NO: 720-1354	$ 616,356

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 4,249	$ 10,000	Design & Engineering	$ 10,000	$ 10,000	$ 10,000	$ 7,000	$ 12,000	$ 3,100
	$ 125,461	Construction	$ 80,810	$ 91,224	$ 90,000	$ 55,082	$ 110,530	$ 19,874
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,249	$ 135,461	TOTAL	$ 90,810	$ 101,224	$ 100,000	$ 62,082	$ 122,530	$ 22,974
		B. PROJECT FINANCING						
$ 4,249	$ 135,461	Stormwater Construction Fund	$ 90,810	$ 101,224	$ 100,000	$ 62,082	$ 122,530	$ 22,974
			$ —	$ —	$ —	$ —	$ —	$ —
$ 4,249	$ 135,461	TOTAL	$ 90,810	$ 101,224	$ 100,000	$ 62,082	$ 122,530	$ 22,974

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 $100,000 budgeted per year, the remaining identified and verified problem areas will be addressed within a 5-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 may only be funded by Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Bee Branch Gate & Pump Replacement Project (Phase 5 of Bee Branch Watershed Flood Mitigation Project)	ACTIVITY NO: 340-2608 720-2608	$ 20,525,536

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 489,645	$ 306,918	Design & Engineering	$ 730,000	$ 475,000	$ —	$ —	$ —	$ —
	$ 78,973	Engineering Services	$ 35,000	$ 20,000	$ —	$ —	$ —	
	$ 4,750,000	Construction	$ 8,785,000	$ 4,855,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 489,645	$ 5,135,891	TOTAL	$ 9,550,000	$ 5,350,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 1,250,000	Federal Grant	$ 1,000,000	$ 2,850,000	$ —	$ —	$ —	$ —
	$ 3,500,000	Sales Tax Increment	$ 6,850,000	$ 2,500,000	$ —	$ —	$ —	$ —
$ 489,645	$ 385,891	Stormwater Construction Fund	$ 1,700,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 489,645	$ 5,135,891	TOTAL	$ 9,550,000	$ 5,350,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the replacement of the Bee Branch ponding area flood gates and the pumping station that help prevent the Mississippi from flooding in the Bee Branch Watershed. Improvements include replacement of the existing flood gates and the installation of an additional gate, replacement of the existing flood pumps and installation of additional pumps, replacement of the electrical service to the pump station, and the installation of an additional back-up generator. The improvements will provide a system that can accommodate the flooding that has been occurring since 1999, flooding that has resulted in six presidential disaster declarations. It also provides for additional resiliency options as rainstorms increase in both depth and intensity. This project is Phase 5 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. In FY23, $2,600,000 of Federal grant money is currently unsecured. Project will not be bid until fully funded.

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, EDA grant funds, SRF, and Sales Tax Increment funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Flood Control Maintenance Facility (Phase 9 of Bee Branch Watershed Flood Mitigation Project)	FY 2017 ACTIVITY NO: 720-2609 340-2609	$ 1,247,866

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 52,307		Design & Engineering	$ 2,000	$ —	$ 210,000	$ —	$ —	$ —
$ 225,512	$ 237,300	Engineering Services	$ 18,000	$ —	$ 10,000	$ —	$ —	$ —
$ 90,880		Construction	$ —	$ —	$ —	$ —	$ —	$ —
$ 401,867		Land Acquisition	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 770,566	$ 237,300	TOTAL	$ 20,000	$ —	$ 220,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 222,404	$ 78,819	Federal Grant	$ —	$ —	$ —	$ —	$ —	$ —
$ 548,161	$ 53,655	Sales Tax Increment	$ —	$ —	$ 220,000	$ —	$ —	$ —
	$ 104,826	Stormwater Construction Fund	$ 20,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 770,565	$ 237,300	TOTAL	$ 20,000	$ —	$ 220,000	$ —	$ —	$ —

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 Metal Recycling facility. In addition to providing work space for City employees assigned to maintaining the Bee Branch Creek Greenway, it will provide space for the boat used to access all areas of the creek. 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. The proposed for FY22 budget include funding to develop the conceptual design of the restroom/shelter to put the City in a better position to secure grant funding. 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 use of the existing Elm Street building is still under consideration. If saved, there will be a decision about the use of the upper floors possibly for City offices. Environmental cleanup activities are expected to conclude in FY21. Design of the facility will begin in FY24 with construction anticipated in FY28 based on available State Flood Mitigation Program funding. This project is Phase 9 of the Bee Branch Watershed Flood Mitigation Project.

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 may only be funded by Stormwater Construction Fund and the State Flood Mitigation Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	University Avenue Storm Sewer Reconstruction (Street Project)	FY 2018 ACTIVITY NO: 720-1811	$ 175,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 25,000	Design & Engineering	$ —	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ 150,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 25,000	TOTAL	$ —	$ 150,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 25,000	Stormwater Construction Fund	$ —	$ 150,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 25,000	TOTAL	$ —	$ 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 East-West Corridor Study - 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 may only be funded by the Stormwater Construction Fund or the funds utilized to reconstruct the street.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Keokuk Storm Sewer Extension	FY 2017 ACTIVITY NO: 720-2913	$ 44,600

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Copper Field Storm Sewer Extension	FY 2018 ACTIVITY NO: 720-1031	$ 34,700

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Key Way Drive Outfall and Storm Sewer Replacement Project	FY 2018 ACTIVITY NO: 720-1096	$ 30,100

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Stormwater Construction Funds.

DEPARTMENT: 55 - Engineering / Stormwater		STATE PROGRAM: 8C - Business Type	PROJECT TITLE: Pennsylvania Culvert Replacement			YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO:		TOTAL PROJECT COST $ 125,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		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 may only be funded by Stormwater Construction Funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Windsor Storm Extension (Buena Vista to Strauss)	FY 2017 ACTIVITY NO: 720-2414	$ 80,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 may only be funded by Stormwater Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Seippel Road Culvert Replacement & Storm Sewer (Street Project)	FY 2018 ACTIVITY NO:	$ 205,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services		$ —	$ —	$ 25,000	$ —	$ —
		Construction	$ —		$ —	$ —	$ 180,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 25,000	$ 180,000	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund			$ —	$ 25,000	$ 180,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 25,000	$ 180,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project involves the replacement of the existing large diameter culverts that passes stormwater under Seippel Road just south of Commerce Park. It also includes the construction of storm sewer to drain the section of Seippel Road to be reconstructed with a curb and gutter section, replacing the existing ditch and culvert system. Replacement of the culverts would be most cost effective if done in conjunction with the Seippel Road Street Reconstruction Project. However, due to the deteriorated nature of the culvert, it may need to be replaced as a stand-alone project if the street reconstruction does not proceed within the next few years.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Century Drive Street Reconstruction Project and should 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 may only be funded by the Stormwater Construction Fund or the funds utilized to reconstruct the street.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED:		TOTAL PROJECT COST
55 - Engineering / Stormwater		8C - Business Type	14th Street Storm Sewer Reconstruction (Street Program)			FY 2019		$ 25,000
2018 EXPENSE	**2019 BUDGET**	**PROJECT BUDGET**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ —	$ —	$ —	$ —	$ 25,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 25,000	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 25,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 25,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project involves and engineered design for the relocation/reconstruction of the storm sewer that is currently within the footprint of the proposed 14th Street Overpass Project. There is 860 feet of 36-inch diameter storm sewer and a 10-foot by 6-foot box culvert that runs from Elm Street down 14th Street to the 16th Street Detention Basin/Ponding area impacted by the proposed overpass.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the 14th Street Overpass 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 may only be funded by Sales Tax Fund (30%), Greater Downtown TIF, Road Use Tax, and the Stormwater Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	NW Arterial Detention Basin Improvements	ACTIVITY NO: 720-1086	$ 203,639

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 3,563	$ 76	Engineering Services	$ —	$ —	$ —	$ —	$ 10,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ 190,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 3,563	$ 76	TOTAL	$ —	$ —	$ —	$ —	$ 200,000	$ —
		B. PROJECT FINANCING						
$ 3,563	$ 76	Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 200,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 3,563	$ 76	TOTAL	$ —	$ —	$ —	$ —	$ 200,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of an energy dissipation, let-down structure where stormwater flows into the NW Arterial Detention Basin from the west. Currently, stormwater from the west flows down into the detention basin over a rip-rap (rock) flume. On multiple occasions over the past few years, the stormwater flows have washed away the rip-rap and caused erosion and damage to the detention basin and the repair costs have become increasingly excessive. Construction of the energy dissipation, let-down structure will eliminate the recurring erosion and maintenance issues. The project was previously budgeted. However, the cost of the recommended improvements exceeded the established budget.

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 may only be funded by Stormwater Construction Fund.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2019		TOTAL PROJECT COST
55 - Engineering / Stormwater		8C - Business Type	Bies Drive Storm Sewer (Street Program)			ACTIVITY NO:		$ 64,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 7,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ 57,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 64,000	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 64,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 64,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the extension of storm sewer from the Century Drive/Bies/Sylvan intersection to the north along Bies Drive in conjunction with the reconstruction of Bies Drive. Reconstruction of Bies Drive 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 Bies Drive 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 may only be funded by the Stormwater Construction Fund or the Sales Tax Fund (30%) utilized to reconstruct the street.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2015	TOTAL PROJECT COST
55 - Engineering / Stormwater	8C - Business Type	Bennett Street Storm Sewer Improvements (Street Program)	ACTIVITY NO:	$ 62,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 6,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ 56,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 62,500	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ —	$ —	$ —	$ —	$ 62,500	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 62,500	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for improvements to the storm sewer near 1854 Bennett Street. The project was originally scheduled for FY 2018 but it has been shifted to coincide with the planned street work. During heavy rainstorms, the stormwater that collects in the street reaches a depth where it flows over the curb into the adjacent alley.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Bennett 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 may only be funded by the Stormwater Construction Fund or the Sales Tax Fund (30%) utilized to reconstruct the street.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED:		TOTAL PROJECT COST
55 - Engineering / Stormwater		8C - Business Type	Stoneman Road Storm Sewer (Street Program)			ACTIVITY NO: 720-1117		$ 85,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 5,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 80,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ 65,000	$ —	$ —	$ —	$ —	$ —
		Special Assessments	$ 20,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the installation of storm sewer along Stoneman Road, from JF Kennedy Road to the west in conjunction with the reconstruction of the street. Currently, the storm sewer system is limited to the extreme easterly end, where Stoneman Road connects to JF Kennedy Road. Stormwater runoff that collects on, and flows down Stoneman Road, spreads across the street due to the lack of a uniform street profile (i.e. crown, curbing, cross-slope, etc.). Extension of the storm sewer system will provide for improved drainage on Stoneman Road and collect the water before it flows onto JF Kennedy Road, alleviating downstream issues as well. The improvements should only be done if the street is reconstructed.

RELATIONSHIP TO OTHER PROJECTS

The project improvements are related to the reconstruction of Stoneman Road as part of the Street Program improvements.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Storm Sewer Construction funds or the funds used to reconstruct Stoneman Road.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2017		TOTAL PROJECT COST
55 - Engineering / Stormwater		8C - Business Type	Cedar Cross Road Storm Sewer Construction (Street Program)			ACTIVITY NO:		$ 147,500
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 15,000	$ —	$ —
		Property Acquisition	$ —	$ —	$ —	$ 10,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ 122,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 147,500	$ —	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ —	$ —	$ —	$ 147,500	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 147,500	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the construction of a storm sewer system for the section of Cedar Cross Road, from west of Nightingale Lane to Lake Ridge Drive. The project must be done with the planned street reconstruction as the current street section does not have curb and gutter or a storm sewer system to drain the pavement. When curb and gutter is added, catch basins and storm sewer will be required to drain the pavement.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the reconstruction of Cedar Cross Road.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Storm Sewer Construction funds or the funds used to reconstruct Cedar Cross Road.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED:		TOTAL PROJECT COST
55 - Engineering / Stormwater		8C - Business Type	Rockdale Road Storm Sewer Extension (Street Program)			ACTIVITY NO:		$ 90,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 10,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ 80,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 10,000	$ 80,000	$ —
		B. PROJECT FINANCING						
		Stormwater Construction Fund	$ —	$ —	$ —	$ 10,000	$ 80,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 10,000	$ 80,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The project provides for the extension of storm sewer as part of the reconstruction of Rockdale Road between South Pointe Drive and Maquoketa Drive. Reconstruction of the street will include the installation of curbing. Therefore, catch basins and storm sewer will be required to drain the street. The improvements are only necessary if the street is reconstructed.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the reconstruction of Rockdale Road as part of the Street Program.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Storm Sewer Construction funds or the funds used to reconstruct Cedar Cross Road.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Pavement Marking Project	FY 1980	
			ACTIVITY NO: 300-2245	
			250-2245	$ 1,078,563

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 116,611	$ 258,684	Construction	$ 115,000	$ 115,000	$ 115,000	$ 115,000	$ 120,000	$ 120,000
$ 3,268	$ 20,000	Engineering Services	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 119,879	$ 278,684	TOTAL	$ 135,000	$ 135,000	$ 135,000	$ 135,000	$ 140,000	$ 140,000
		B. PROJECT FINANCING						
$ 89,879	$ 228,684	Sales Tax Fund (30%)	$ —	$ 120,000	$ 120,000	$ 120,000	$ 125,000	$ 125,000
		IDOT Funding	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
		Road Use Tax Fund	$ 120,000	$ —	$ —	$ —	$ —	$ —
$ 30,000	$ 50,000	Reimbursements	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 119,879	$ 278,684	TOTAL	$ 135,000	$ 135,000	$ 135,000	$ 135,000	$ 140,000	$ 140,000

PROJECT DESCRIPTION/JUSTIFICATION

This annual recurring 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Street Construction General Repairs	FY 2012 ACTIVITY NO: 300-2142	$ 889,939

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 77,450	$ 89,178	Construction	$ 70,000	$ 80,000	$ 80,000	$ 70,000	$ 90,000	$ 100,000
$ 23,311	$ 30,000	Engineering Services	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 100,761	$ 119,178	TOTAL	$ 100,000	$ 110,000	$ 110,000	$ 100,000	$ 120,000	$ 130,000
		B. PROJECT FINANCING						
$ 100,761	$ 119,178	Sales Tax Fund (30%)	$ 100,000	$ 110,000	$ 110,000	$ 100,000	$ 120,000	$ 130,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 100,761	$ 119,178	TOTAL	$ 100,000	$ 110,000	$ 110,000	$ 100,000	$ 120,000	$ 130,000

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	East - West Corridor Capacity Improvements	FY 2010	$ 16,985,673
			ACTIVITY NO: 360-1039	
			250-1039 300-1039	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 48,071	Engineering Services	$ 50,000	$ 50,000	$ —	$ —	$ —	$ —
$ 1,929	$ 2,027,780	Consultant Services	$ —	$ 1,000,000	$ —	$ 160,000	$ —	$ —
	$ 5,647,893	Property Acquisition	$ 1,150,000	$ 2,181,046	$ 668,954	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ 4,000,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,929	$ 7,723,744	TOTAL	$ 1,200,000	$ 3,231,046	$ 668,954	$ 4,160,000	$ —	$ —
		B. PROJECT FINANCING						
$ 1,929	$ 985,497	Road Use Tax Fund	$ —	$ —	$ —	$ —	$ —	$ —
	$ 6,240,000	DMATS SWAP Funding	$ 1,200,000	$ 3,231,046	$ 668,954	$ 2,660,000	$ —	$ —
		State ICAAP Grant	$ —	$ —	$ —	$ 750,000	$ —	$ —
		State TSIP Grant	$ —	$ —	$ —	$ 750,000	$ —	$ —
	$ 48,247	Greater Downtown TIF						
	$ 450,000	G.O. Dbt (GDTIF)						
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,929	$ 7,723,744	TOTAL	$ 1,200,000	$ 3,231,046	$ 668,954	$ 4,160,000	$ —	$ —

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.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2010	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	East - West Corridor Capacity Improvements	ACTIVITY NO:	360-1039	
			250-1039	300-1039	$ 12,475,673

PROJECT DESCRIPTION/JUSTIFICATION (Continued)

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:

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

In July 2018, the City applied for an $18.1 million U.S. Department of Transportation Better Utilizing Investments to Leverage Development (BUILD) grant request to assist in funding both multi-modal and capacity improvements within the identified East-West Corridors. Staff was notified in December 2018 that the City was not selected to receive a BUILD grant.

Following the BUILD grant announcement, the City has an opportunity to move forward and advance the development of East-West Corridor Capacity Improvements utilizing the new Iowa DOT Federal Aid SWAP Policy. In January 2019, the City began the process to de-federalize the East-West Corridor project by paying back the federal funds previously used for property acquisition. On August 19th, 2019 the City received the FHWA final closure acceptance for the defederalization of funds related to the East - West Corridor project.

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 current available funding (FY 2021), 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 FY2022 / 2023 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 FY2024 / 2025 and would take approximately 2-3 years to complete.

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 may only be funded by Sales Tax Fund (30%), Road Use Tax, Greater Downtown TIF, DMATS STBG SWAP funding and other eligible State grant funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Southwest Arterial ITS Corridor Development	FY 2021 ACTIVITY NO: 300-2848	$ 1,700,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 50,000	Engineering Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
	$ 50,000	Consultant Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
	$ 750,000	Construction	$ 750,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 850,000	TOTAL	$ 850,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 50,000	Sales Tax Fund (30%)	$ 50,000	$ —	$ —	$ —	$ —	$ —
	$ 800,000	IDOT Funding	$ 800,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 850,000	TOTAL	$ 850,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

With the completion of the Southwest Arterial, this project provides funding to design and construct Intelligent Transportation System (ITS) infrastructure along the Southwest Arterial corridor, from US20 to US61-151. The City and Iowa Department of Transportation (Iowa DOT) have entered into an agreement for the City to design and construct an ITS network consisting of cameras, sensors, dynamic message boards, and other related technology infrastructure along the Southwest Arterial corridor. The City and Iowa DOT are willing to jointly participate in this project and the Iowa DOT will reimburse the City for costs to design and construct said ITS infrastructure.

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, Iowa DOT Funding.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Westside Drive LED Street Lights			YEAR FIRST SUBMITTED: FY 2021 ACTIVITY NO:		TOTAL PROJECT COST $ 150,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 25,000	$ —	$ —	$ —	$ —
		Construction	$ —	$ 125,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 150,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ 150,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 150,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

With the completion of the Southwest Arterial, the Iowa Department of Transportation constructed a new frontage road (Westside Drive) along the southside of US Highway 20. This project provides funding to design and construct new roadway street lighting along Westside Drive (Menards Frontage Road). The new Westside Drive is now under the jurisdiction of the City as a local public street and is responsible to pay the cost for infrastructure costs related to storm sewer, street lighting, and fiber conduit. The project will install high efficiently, long life LED street lighting and communication conduit along Westside Drive.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Pine Street Extension from 7th to 9th	FY 2019 ACTIVITY NO: 250-2797	$ 841,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ 100,000	$ 35,000	$ —	$ —
		Consultant Services	$ —	$ —	$ 91,500	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ 615,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 191,500	$ 650,000	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ —	$ 124,000	$ 650,000	$ —	$ —
		Greater Downtown TIF	$ —	$ —	$ 67,500	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 191,500	$ 650,000	$ —	$ —

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 FY21 programmed funding would allow for staff to work with Alliant Energy to evaluate alternatives, and if viable, prepare a feasibility study and perform an environmental assessment of potential site development. The FY22 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 may only be funded by Sales Tax Fund (30%), Road Use Tax, and Greater Downtown TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	North Cascade Road Reconstruction	FY 2006	$ 4,858,662
			ACTIVITY NO: 360-2021	
			350-2021 300-2021	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 107,549		Property Acquisition	$ —	$ 100,000	$ —	$ —	$ —	$ —
$ 80,997		Engineering Services	$ —	$ 200,000	$ —	$ —	$ —	$ —
$ 253,597	$ 2,869,165	Construction	$ —	$ 1,200,000	$ —	$ —	$ —	$ —
$ 23,844	$ 23,510	Consulting Engineers	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 465,987	$ 2,892,675	TOTAL	$ —	$ 1,500,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 465,987	$ 2,559,800	DMATS SWAP Funding	$ —	$ 1,300,000	$ —	$ —	$ —	$ —
		Sales Tax Fund (30%)	$ —	$ 200,000	$ —	$ —	$ —	$ —
	$ 332,875	Road Use Tax Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 465,987	$ 2,892,675	TOTAL	$ —	$ 1,500,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of North Cascade Road 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.

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 City is proposing to use DMATS STBG SWAP funding for the eligible public infrastructure, traffic capacity / safety related improvement along North Cascade Road.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2006	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	North Cascade Road Reconstruction	ACTIVITY NO:	360-2021	
			350-2021	300-2021	$ 4,858,662

RELATIONSHIP TO OTHER PROJECTS
This project is related to the Westside Water System CIP (#740-2703).

OUTCOME
Connected Community: Improve traffic flow throughout the city.

FUNDING RESTRICTIONS
This project may only be funded by Sales Tax Fund (30%), Road Use Tax, and DMATS STBG SWAP Funds.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Cedar Cross Road Reconstruction			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO:		TOTAL PROJECT COST $ 3,100,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 200,000	$ 100,000	$ —
		Land and ROW	$ —	$ —	$ —	$ 200,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ 2,600,000	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 400,000	$ 2,700,000	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ —	$ —	$ 400,000	$ 220,000	$ —
		DMATS SWAP Funding	$ —	$ —	$ —	$ —	$ 2,080,000	$ —
		Special Assessments	$ —	$ —	$ —	$ —	$ 400,000	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 400,000	$ 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

Cedar Cross Road Storm Sewer fund, Watermain Replacements fund, Street Program Related Sanitary Sewer fund, Fiber Optic Conduits -Paving Projects

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by 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:		TOTAL PROJECT COST $ 840,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 280,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ 560,000	$ 560,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 280,000	$ 560,000	$ 560,000
		B. PROJECT FINANCING						
		DICW TIF	$ —	$ —	$ —	$ 280,000	$ —	$ —
		Road Use Tax Fund	$ —	$ —	$ —	$ —	$ 560,000	$ 560,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 280,000	$ 560,000	$ 560,000

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 (approximately 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. 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. 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.

RELATIONSHIP TO OTHER PROJECTS

This project is related to West End Annexation Phases I and II (CIP #740-1012 and #740-2146).

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%), Dubuque Industrial Center West TIF, and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Pavement Rehabilitation - Concrete Street Repair, Mill and Asphalt Resurfacing	FY 2021 ACTIVITY NO: 300-2849	$ 1,820,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 70,000	Engineering Services	$ 50,000	$ 11,250	$ 25,000	$ 25,000	$ 25,000	$ 25,000
	$ 450,000	Construction	$ 475,000	$ 88,750	$ 200,000	$ 200,000	$ 200,000	$ 200,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 520,000	TOTAL	$ 525,000	$ 100,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000
		B. PROJECT FINANCING						
	$ 520,000	Sales Tax Fund (30%)	$ 225,000	$ 100,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000
		Road Use Tax Fund	$ 300,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 520,000	TOTAL	$ 525,000	$ 100,000	$ 225,000	$ 225,000	$ 225,000	$ 225,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to complete pavement rehabilitation on concrete streets that are in a deteriorating condition. The identified streets were originally constructed in the early 1990's and are exhibiting significant slab and joint deterioration. Public Works staff has performed street patching maintenance; however, the pavements require major rehabilitation to extend the service life and reduce annual maintenance. Citizens have contacted staff to express their concerns and dissatisfaction with the poor condition of the streets. The pavement rehabilitation method recommended is to perform full depth pavement patching as needed, then mill the concrete pavement and resurface the street with asphalt pavement which will extend the life of the pavement and provide a more acceptable surface ride. The project scheduled for FY 2021 will address North Grandview Avenue (Loras to Audubon) which has been determined to be in the worst condition. After FY 2021, the CIP will be re-evaluated to determine where the greatest need is and project feasibility. Potential future streets identified include: Embassy West - Sunnyslope Subdivision (Camelot, Embassy West, Hummingbird), Embassy West - SunnySlope Subdivision (Camelot, Northstar, Sunny Slope), and Loras Blvd (Alta Vista - Central).

RELATIONSHIP TO OTHER PROJECTS

Not related to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Pavement Preservation Joint Sealing	FY 2021	
			ACTIVITY NO: 300-2851	
			250-2851	$ 320,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 5,000	Engineering Services	$ 10,000	$ 5,000	$ 5,000	$ 5,000	$ —	$ 5,000
	$ 45,000	Construction	$ 95,000	$ 50,000	$ 50,000	$ 50,000	$ —	$ 55,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 105,000	$ 55,000	$ 55,000	$ 55,000	$ —	$ 60,000
		B. PROJECT FINANCING						
	$ 50,000	Sales Tax Fund (30%)	$ 50,000	$ —	$ 55,000	$ 55,000	$ —	$ 30,000
		Road Use Tax Fund	$ 55,000	$ 55,000	$ —	$ —	$ —	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 105,000	$ 55,000	$ 55,000	$ 55,000	$ —	$ 60,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to contract for the routing, cleaning and sealing of pavement joints around the City of Dubuque. It is very important to seal cracks in asphalt and concrete pavements as a proactive preservation practice to minimize water intrusion to extend the service life of the pavement. This will also include crack sealing of trail pavements as well. This project would be an annual program that would supplement the work Public Works currently performs.

RELATIONSHIP TO OTHER PROJECTS

No relationship to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Rockdale Road Reconstruction - Maquoketa Dr to South Pointe Development	FY 2018 ACTIVITY NO:	$ 1,300,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ 200,000	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ 1,100,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 200,000	$ 1,100,000	$ —
		B. PROJECT FINANCING						
		South Pointe Housing TIF	$ —	$ —	$ —	$ 200,000	$ 1,000,000	$ —
		Special Assessments	$ —	$ —	$ —	$ —	$ 100,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ 200,000	$ 1,100,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project involves the reconstruction of Rockdale Road to accommodate the South Pointe subdivision development. The project will include 8" PCC pavement, streetlights, storm sewer intakes and some storm sewer, sidewalks, retaining walls as needed, and fiber optic conduit and vaults. Sanitary Sewer and Water main would need to be separately funded improvements for this project. Rockdale Road is in need of reconstruction to accommodate the anticipated traffic from the proposed South Pointe development project. Timing of the Rockdale Road improvements is completely dependent on the rate of subdivision development and conditioned on the availability of tax increment revenue generated within the South Pointe Housing Urban Renewal Area to fund the public improvements.

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 may only be funded by Sales Tax Fund (30%), Housing TIF and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Stoneman Road Reconstruction	FY 2022 ACTIVITY NO: 300-1257	$ 835,030

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 726,113	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 108,917	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 835,030	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 698,030	$ —	$ —	$ —	$ —	$ —
		Special Assessments	$ 137,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 835,030	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will address the deteriorating pavement and poor drainage of the roadway. The roadway is past service life and is in poor shape. Drainage is poor. This road provides access to the mall and multiple businesses. The former Richardson Motors site is vacant, and this street reconstruction project would provide sidewalks that are currently missing in the corridor.

RELATIONSHIP TO OTHER PROJECTS

Stoneman Road Storm Sewer

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Guardrail Replacement	FY 2000 ACTIVITY NO: 300-1027	$ 66,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 13,000	$ 14,000	$ 15,000	$ 16,000	$ —	$ 18,000
		Engineering Services	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ —	$ 2,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ —	$ 20,000
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 15,000	$ 16,000	$ 17,000	$ 18,000	$ —	$ 20,000

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Sylvan Drive Reconstruction			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO:		TOTAL PROJECT COST $ 885,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 135,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ 750,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 885,000	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ —	$ —	$ —	$ 805,000	$ —
		Special Assessments	$ —	$ —	$ —	$ —	$ 80,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 885,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Sylvan Drive with new pavement, curb & gutter, and sidewalks. The existing asphalt street is degraded and needs to be replaced. This street currently has no sidewalks. The installation of sidewalks will provide an accessible route between Pennsylvania Avenue and Kennedy Mall. A portion of the street does not have curb and gutter and this project will provide for installation of curb and gutter. This project is directly adjacent to a recent condo and apartment complex development.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Century Drive Reconstruction	FY 2016 ACTIVITY NO:	$ 562,070

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 50,000	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ 512,070	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 50,000	$ 512,070	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Road Use Tax Fund	$ —	$ 50,000	$ 450,000	$ —	$ —	$ —
		Special Assessments	$ —	$ —	$ 62,070	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 50,000	$ 512,070	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of Century Drive with concrete pavement, curb & gutter and sidewalks. This project was previously listed in the Annual Street Program CIP but is now separated out as its own CIP. The project will comply with "Complete Street" standards. The existing asphalt street is badly degraded and needs to be replaced. This street currently has no curb or sidewalks. The installation of sidewalks will provide an accessible route between Bies Drive and US 20 (Dodge Street) and provide pedestrian access to businesses.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Sidewalk Inspection Program - Assessable	FY 2012	$ 210,667
			ACTIVITY NO: 100-1108	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 6,202	$ 33,867	Construction	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 40,000	$ 40,000
$ 10,598		Engineering	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,800	$ 33,867	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 40,000	$ 40,000
		B. PROJECT FINANCING						
$ 16,800	$ 30,000	Special Assessments	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 40,000	$ 40,000
	$ 3,867	General Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,800	$ 33,867	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 40,000	$ 40,000

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 may only be funded by Special Assessment Funds specific to this project.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Sidewalk Program - City Owned Property	FY 2012	
			ACTIVITY NO: 300-1425	
			350-1425	$ 614,865

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,439	$ 144,309	Construction	$ 75,000	$ 75,000	$ 1,000	$ 1,000	$ 70,000	$ 70,000
$ 54,117	$ 25,000	Engineering Services	$ 25,000	$ 25,000	$ 49,000	$ 49,000	$ 20,000	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 55,556	$ 169,309	TOTAL	$ 100,000	$ 100,000	$ 50,000	$ 50,000	$ 90,000	$ 90,000
		B. PROJECT FINANCING						
$ 503	$ 169,309	Sales Tax Fund (30%)	$ 100,000	$ 100,000	$ 50,000	$ 50,000	$ 90,000	$ 90,000
$ 55,053		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 55,556	$ 169,309	TOTAL	$ 100,000	$ 100,000	$ 50,000	$ 50,000	$ 90,000	$ 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. It should be noted that the city has many stumps in the ROW that need to be removed which will affect the adjoining sidewalk. Additionally, there are many ash trees that are potentially going to be affected with emerald ash borer and will be a future liability the city has to deal with.

RELATIONSHIP TO OTHER PROJECTS

This project is may impact the water department due to hydrant relocations. This could impact water CIP 7402654.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Sidewalk Program Related to Curb and Catch Basin Replacements	FY 2012 ACTIVITY NO: 300-1041	$ 197,002

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 10,627	$ 24,375	Construction	$ 20,000	$ 24,000	$ 26,000	$ 28,000	$ 28,000	$ 28,000
	$ 5,000	Engineering Services	$ 5,000	$ 6,000	$ 6,000	$ 7,000	$ 7,000	$ 7,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,627	$ 29,375	TOTAL	$ 25,000	$ 30,000	$ 32,000	$ 35,000	$ 35,000	$ 35,000
		B. PROJECT FINANCING						
$ 8,768	$ 29,375	Sales Tax Fund (30%)	$ 25,000	$ 30,000	$ 32,000	$ 35,000	$ 35,000	$ 35,000
$ 1,859		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,627	$ 29,375	TOTAL	$ 25,000	$ 30,000	$ 32,000	$ 35,000	$ 35,000	$ 35,000

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). This project is may impact the water department due to hydrant relocations (CIP #740-2654).

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Decorative Concrete Maintenance Program	FY 2006	
			ACTIVITY NO: 300-1630	
			350-1630	$ 155,575

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 534		Engineering Services	$ —	$ —	$ 5,000	$ 5,000	$ —	$ 5,000
$ 80,041		Construction	$ —	$ —	$ 30,000	$ 35,000	$ —	$ 35,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 80,575	$ —	TOTAL	$ —	$ —	$ 35,000	$ 40,000	$ —	$ 40,000
		B. PROJECT FINANCING						
$ 8,190		Sales Tax Fund (30%)	$ —	$ —	$ 35,000	$ 40,000	$ —	$ 40,000
$ 72,385		Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 80,575	$ —	TOTAL	$ —	$ —	$ 35,000	$ 40,000	$ —	$ 40,000

PROJECT DESCRIPTION/JUSTIFICATION

This annual program provides funding to the Decorative Concrete Maintenance Program to perform preventative maintenance, cleaning, sealing and the repair of decorative concrete pavement at the Mississippi Riverwalk, Alliant Amphitheater, River's Edge Plaza, Ice Harbor West Road, Grand River Center, Main Street, Peosta Channel Trail, Flat Iron Park, City Hall, Chamber Building Plaza Area, and the Locust and 5th Street Gateway Locations. To maintain the quality appearance and integrity of the decorative concrete surface. An annual maintenance program is needed to remove dirt, oils, stains and apply a new protective sealer on the surface. Funding in FY21 was increased to repair the cascading stairs at River's Edge Plaza that were impacted by the extended high river water levels during 2019.

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 may only be funded by Sales Tax Fund (20%)

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Stone Retaining Walls	FY 1980	
			ACTIVITY NO: 300-1029	
			250-1029 350-1029	$ 613,120

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 26,021		Engineering Services	$ 40,000	$ 20,000	$ 20,000	$ —	$ —	$ 20,000
$ 3,678	$ 113	Consultant Services	$ 20,000	$ 5,000	$ 10,000	$ —	$ —	$ 10,000
$ 40,005	$ 128,303	Construction	$ 140,000	$ 80,000	$ 80,000	$ —	$ —	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 69,704	$ 128,416	TOTAL	$ 200,000	$ 105,000	$ 110,000	$ —	$ —	$ 130,000
		B. PROJECT FINANCING						
$ 67,077	$ 46,262	Sales Tax Fund (30%)	$ 100,000	$ 105,000	$ 110,000	$ —	$ —	$ 130,000
$ 2,627	$ 82,154	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
		Road Use Tax Fund	$ 100,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 69,704	$ 128,416	TOTAL	$ 200,000	$ 105,000	$ 110,000	$ —	$ —	$ 130,000

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.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Bridge Repairs and Maintenance	FY 1980 ACTIVITY NO: 300-1258	$ 699,310

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 10,000	$ 10,000	$ —	$ 10,000	$ 10,000
$ 6,971	$ 29	Consultant Services	$ —	$ 5,000	$ 5,000	$ —	$ 5,000	$ 5,000
	$ 260,715	Construction	$ 41,595	$ 165,000	$ 85,000	$ —	$ 95,000	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 6,971	$ 260,744	TOTAL	$ 41,595	$ 180,000	$ 100,000	$ —	$ 110,000	$ 115,000
		B. PROJECT FINANCING						
$ 6,971	$ 260,744	Sales Tax Fund (30%)	$ 41,595	$ 100,000	$ 100,000	$ —	$ —	$ 115,000
		Road Use Tax Fund	$ —	$ —	$ —	$ —	$ 110,000	$ —
		DRA Distribution	$ —	$ 80,000	$ —	$ —	$ —	$ —
$ 6,971	$ 260,744	TOTAL	$ 41,595	$ 180,000	$ 100,000	$ —	$ 110,000	$ 115,000

PROJECT DESCRIPTION/JUSTIFICATION

The annual Bridge Repair and Maintenance program allocates funding for the maintenance, inspection, and load rating of bridges & culverts throughout the City. The periodic maintenance efforts are intended to maximize the serviceable life of these structures and mitigate any premature deterioration which would ultimately result in costly replacements. Some of the most common repair efforts include concrete rehabilitation of bridge decks, substructure, barrier rails, and various culvert components. Other activities include the painting of steel elements, sealing of concrete cracks on bridge decks and railings, and expansion joint maintenance and repairs. The installation and reconstruction of erosion & scour countermeasure systems are also included in this program. This funding also provides for the inspection, program management, and load rating efforts required to comply with the federally mandated National Bridge Inspection Standards (NBIS). The City's bridges are currently inspected on a biennial basis with one structure requiring an underwater inspection every 60 months. The City currently has 22 structures under its jurisdiction, which includes 13 bridges and 9 culverts. The last inspection, dated October 2019, indicated the city has no structures classified as functionally obsolete, or fracture critical, with one structure classified as structurally deficient. The structurally deficient structure will require rehabilitation or replacement within the next five years and several other structures require routine maintenance and repair efforts. The annual Bridge Repair and Maintenance program funding has been increased to account for the changing bridge load rating requirements and to allow for the increased preventative maintenance and repair needs of bridges and culverts throughout the City.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Lowell Street Retaining Wall	2021 ACTIVITY NO: 300-2086	$ 141,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 55,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 66,500	$ —	$ —	$ —	$ —	$ —
		Consultant	$ 20,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 141,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 141,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 141,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project is to replace the Lowell Street retaining wall behind 346, 350, 364, 380 and 386 Klingenberg Terrace. The concrete retaining wall was originally constructed in the 1930's and has failed. The proposed project will replace the 300-foot retaining wall with either a concrete or modular retaining wall. Design has to occur to determine the most economical and long-lasting wall design. Engineering has already done some preliminary geotechnical work and survey. This project would include reconstructing the north curb line of the street and include resurfacing of Lowell Street directly affected by the wall. The retaining wall helps support Lowell street.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Maintenance of Public Water Mains during Stone Retaining Wall Repair CIP (#740-2655).

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: Brick Paver Maintenance	YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-2852	TOTAL PROJECT COST $ 153,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
	$ 5,000	Engineering Services	$ —	$ 5,000	$ —	$ 5,000	$ 6,000	$ 6,000
	$ 25,000	Construction	$ —	$ 35,000	$ —	$ 35,000	$ 37,000	$ 37,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 30,000	TOTAL	$ —	$ 40,000	$ —	$ 40,000	$ 43,000	$ 43,000
		B. PROJECT FINANCING						
	$ 30,000	Sales Tax Fund (30%)	$ —	$ 40,000	$ —	$ 40,000	$ 43,000	$ 43,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 30,000	TOTAL	$ —	$ 40,000	$ —	$ 40,000	$ 43,000	$ 43,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides annual funding to make spot repairs to the streets, sidewalks, alleys, or public spaces in the city that are constructed with brick pavers. This project will address any settled, irregular or defective pavers in the Historic Millwork District, the Bee Branch, the Grand River Center, along 8th Street, and in Green Alleys as needed as identified by City staff.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Complete Street Elements - Trails, Sidewalks and Signs	FY 2019	
			ACTIVITY NO: 300-2430	
			350-2430 102-2430	$ 131,898

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 84,898	Construction	$ —	$ 10,000	$ 10,000	$ 8,000	$ 10,000	$ 12,000
		Engineering Services	$ —	$ 2,000	$ 2,000	$ 2,000	$ 3,000	$ 2,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 84,898	TOTAL	$ —	$ 12,000	$ 12,000	$ 10,000	$ 13,000	$ 14,000
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ —	$ 12,000	$ 12,000	$ 10,000	$ 13,000	$ 14,000
	$ 83,593	Federal Grant	$ —	$ —	$ —	$ —	$ —	$ —
	$ 1,305	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 84,898	TOTAL	$ —	$ 12,000	$ 12,000	$ 10,000	$ 13,000	$ 14,000

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	14th Overpass Design	FY 2018 ACTIVITY NO:	$ 727,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ —	$ —	$ 100,000	$ —
		Consultant Services	$ —	$ —	$ —	$ —	$ 627,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 727,000	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ —	$ —	$ —	$ —	$ 727,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 727,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Construct a Complete Streets railroad overpass along the 14th Street corridor connecting Washington Avenue and Cedar Street, which will provide automobiles, pedestrians and bikers with unimpeded access to the Kerper Industrial Park, Dove Harbor Industrial Area, redeveloped 16th Street corridor, tourism and recreational amenities on Chaplain Schmidt Island, and U.S. Route 61/151 into Wisconsin.

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 may only be funded by Sales Tax Fund (30%), Dubuque Industrial Center West TIF, and Road Use Tax.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Central Avenue/White Street Traffic Study for 1-way to 2-way	FY 2019 ACTIVITY NO: 300-2914	$ 265,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Professional Services	$ 245,000	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 20,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 265,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 265,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 265,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will study the Central Avenue and White Street corridors to evaluate the impact of going from 1-way to 2-way traffic. Street geometrics, traffic signal placement and timings, impacts to transit, impacts to local trucking and manufacturing, deliveries to businesses, pedestrian access, etc will be evaluated for the corridor. The draft Central Avenue Corridor Master plan will be used to guide the evaluation as well.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Analyzes the potential safety and access improvements by going from 1-way to 2-way traffic. Robust Local Economy: Evaluates the impacts on businesses in providing improved access and reviews trucking habits and their impacts on major manufacturers.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax. It could utilize Greater Downtown TIF.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: FY 2022		TOTAL PROJECT COST
55 - Engineering / Street		2C - Public Works	Central Avenue Streetscape Design 1-way to 2-way			ACTIVITY NO:		$ 400,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 200,000	$ —	$ —	$ —	$ —
		Consultant Services	$ —	$ 200,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 400,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ —	$ 400,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 400,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide engineering design funds to design the improvements outlined in the Central Avenue Master Plan yet to be adopted by the City Council. The master plan calls for pedestrian improvements on Central Avenue from 11th to 21st Streets. Work includes new sidewalks, street lighting, transit stops and a key feature at 18th and Central. It is anticipated consultants will be needed for the landscaping design and city engineering staff would develop the bid set for construction.

RELATIONSHIP TO OTHER PROJECTS

Central Avenue Traffic Study - Requested for FY 2022.

OUTCOME

Connected Community: improves vehicle and pedestrian access to Central Avenue and White Street by going from 1-way to 2-way traffic. Robust Local Economy: Improves access for transit, motorists, pedestrians to the downtown. Improved access to services and businesses.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax. It could utilize Greater Downtown TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Schmitt Island Connector Trail	FY 2022 ACTIVITY NO: 102-2915	$ 275,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 25,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 250,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 275,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 275,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 275,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a multi-purpose trail connection that will head directly east off of the 16th Street bridge over Peosta Channel to the intersection of Admiral Sheehy Drive and Marina Drive, a length of approximately 630 linear feet. This project promotes the flow of visitors to the island and the recently completed Chaplain Schmitt Veteran's Memorial Plaza. This project budget also includes funding for improved wayfinding signage starting at Kerper Court and landscaping the street right-of-way between Peosta Channel and Admiral Sheehy Drive on the south side of 16th Street.

RELATIONSHIP TO OTHER PROJECTS

This is a supplemental project to the completion of Chaplain Schmitt Veterans Memorial.

OUTCOME

Diverse Arts, Culture, Parks and Recreation: Retain well-built, well-maintained, and upgraded

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax 20%

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Bee Branch Creek Trail: 16th to 9th	FY 2016 ACTIVITY NO: 102-2673	$ 1,739,198

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,715		Engineering Services	$ —	$ —	$ 64,000	$ 60,000	$ —	$ —
	$ 595,483	Construction	$ —	$ —	$ 578,000	$ 440,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,715	$ 595,483	TOTAL	$ —	$ —	$ 642,000	$ 500,000	$ —	$ —
		B. PROJECT FINANCING						
	$ 222,000	State Grant	$ —	$ —	$ 513,600	$ 400,000	$ —	$ —
		Sales Tax Fund (30%)	$ —	$ —	$ 128,400	$ 100,000	$ —	$ —
$ 1,715	$ 175,000	Federal Grant	$ —	$ —	$ —	$ —	$ —	$ —
	$ 198,483	REAP Grant	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,715	$ 595,483	TOTAL	$ —	$ —	$ 642,000	$ 500,000	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ —	$ 10,000	$ 10,000	$ 10,000	$ 10,000

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. Funded in FY20, Phase 1 will connect to the Bee Branch Trail near the Sycamore Street Bridge and extend along the 16th St. Detention Basin to 12th Street. Phase 2 would begin where Phase 1 ends on 12th St. and circle the detention basin going east to the intersection of 12th St. and Kerper Blvd. and then head north towards Kerper. Phase 2 is budgeted for FY23-24. Phase 3 would begin where Phase 1 ends at 12th St. and then head south toward 11th St. to point where a safe transition can be made at 11th Street. The trail would then would extend past the new Jule Operations & Training Center, head west across railroad tracks, and along 9th St. to the Intermodal Transportation Center. Phase 3 is budgeted in FY2024-2025. Competitive grant applications require 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 to be ready for when a new trail grant is released.

RELATIONSHIP TO OTHER PROJECTS

This capital project is not related to other capital projects.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 102-2673	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Bee Branch Creek Trail: 16th to 9th		$ 1,739,198

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%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT: 55 - Engineering / Street		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: TRAIL - Chavenelle Road to SW Arterial			YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO:		TOTAL PROJECT COST $ 250,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ —	$ 250,000	$ —	$ —	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 250,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ —	$ 100,000	$ —	$ —	$ —
		Sales Tax Fund (30%)	$ —	$ —	$ 150,000	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ 250,000	$ —	$ —	$ —

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. This funding is 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 providing a connection to the SW Arterial bike trail from Chavenelle Road along Seippel Road to the SW Arterial. 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. This project is related to the Chavenelle Road Trail being constructed using federal earmark funds from the NW Arterial to Seippel Road in 2020.

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 may only be funded by Sales Tax Fund (20%), and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Street	2C - Public Works	Trail Planning	FY 2019 ACTIVITY NO: 102-2768	$ 30,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ 10,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 10,000	$ —	$ 10,000	$ 10,000	$ —	$ 10,000
		B. PROJECT FINANCING						
		DRA Distribution	$ 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 with Sales Tax Fund (20%) or DRA Distribution.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	6C - General Government	Federal Building Renovation	FY 2009 ACTIVITY NO: 350-1841 360-1841	$ 1,373,292

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 200	$ 24,890	Consultant Services	$ —	$ 240,466	$ 4,000	$ —	$ —	$ 752,000
$ 1,851		Property Acquisition	$ —	$ —	$ —	$ —	$ —	$ —
$ 249,302	$ 417,749	Construction	$ 95,000	$ 285,925	$ 30,000	$ —	$ —	$ 6,275,000
	$ 10,000	Engineering Services	$ —	$ 11,409	$ 2,500	$ —	$ —	$ 35,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 251,353	$ 452,639	TOTAL	$ 95,000	$ 537,800	$ 36,500	$ —	$ —	$ 7,062,000
		B. PROJECT FINANCING						
		G.O. Debt (GDTIF)	$ —	$ —	$ —	$ —	$ —	$ 7,062,000
$ 146,600	$ 452,639	Greater Downtown TIF	$ 95,000	$ 537,800	$ 36,500	$ —	$ —	$ —
$ 104,753		Sale Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 251,353	$ 452,639	TOTAL	$ 95,000	$ 537,800	$ 36,500	$ —	$ —	$ 7,062,000

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 202, $45,000 was budgeted to replace the penthouse roof, $5,000 to repair ADA non-compliant public sidewalks, and $200,000 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, $95,000 is budgeted for an ASHRAE Level 1 & 2 Energy Assessment. 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. Additional funding in FY23 is being budgeted to address known long term building operations and maintenance requirements which include $55,000 for tuck pointing and waterproofing of the building window wells, and $30,000 to tuck point the front steps and replace rusting hand rails and $5,000 is budgeted for improvements to the public way finding signs for the building, $220,000 is budgeted for structural repairs to the loading dock and leaking building foundation, $227,800 for a Level 3 ASHRAE Level 3 Energy Assessment allows for complex HVAC system upgrade alternative analysis, return on investment and construction cost estimating.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2009	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	6C - General Government	Federal Building Renovation	ACTIVITY NO:	350-1841 360-1841	$ 1,373,292

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 Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	6C - General Government	South Port Redevelopment Concept Plan	2021 ACTIVITY NO: 360-2916	$ 73,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consulting Services	$ 65,000	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 8,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 73,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ 73,000	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 73,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The South Port of Dubuque is one of the City's biggest opportunities for redevelopment yet is remains blighted and underutilized. In the recent past, the City has developed a master plan for this area that includes several updates, yet no redevelopment has materialized. Building off of the success formulas used in Port of Dubuque and the Historic Millwork District, the intent of this project is to create a clear and consolidated redevelopment vision for the South Port where all existing property owners entering into a partnering agreement thus providing prospective developers a high level of assurance that all key players are in agreement and on-board with proceeding with a proposed redevelopment concept. Lack of a consolidated property utilization agreement is a significant deterrent to finding a developer to make any substantial sized investment in the South Port. Additionally, the City will identify private redevelopment investment thresholds needed to be achieved before it will undertake many of the needed roadway, public utility, transit, and parking investments needed to support new buildings and other redevelopment.

RELATIONSHIP TO OTHER PROJECTS

EPA Multipurpose Grant

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 GDTIF

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Port of Dubuque Riverfront Dock Expansion	FY 2018 ACTIVITY NO: 360-2853	$ 2,100,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 25,000	Engineering Services	$ 25,000	$ —	$ —	$ —	$ —	$ —
	$ 150,000	Consultant Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
	$ 875,000	Construction	$ 975,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 1,050,000	TOTAL	$ 1,050,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 406,000	G.O. Debt (GDTIF)	$ 550,000	$ —	$ —	$ —	$ —	$ —
	$ 500,000	Private Participant	$ 500,000	$ —	$ —	$ —	$ —	$ —
	$ 144,000	Greater Downtown TIF	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 1,050,000	TOTAL	$ 1,050,000	$ —	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 20,000	$ 20,600	$ 21,218	$ 21,855	$ —	$ —
		Operating Revenue	$ 7,350	$ 15,141	$ 23,373	$ 24,074	$ —	$ —

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 estimated 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.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2018 ACTIVITY NO: 360-2853	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Port of Dubuque Riverfront Dock Expansion		$ 2,100,000

PROJECT DESCRIPTION/JUSTIFICATION (Continued)

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.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Edonomy: 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%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Riverfront Leasehold Improvements	FY 2015	
			ACTIVITY NO: 360-1053	
			350-1053	$ 570,988

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 5,630	$ 2,032	Consultant Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
$ 102,354	$ 180,118	Construction	$ 205,000	$ —	$ —	$ —	$ —	$ —
$ 15,854		Engineering Services	$ 10,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 123,838	$ 182,150	TOTAL	$ 265,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 116,425	$ 180,118	Greater Downtown TIF	$ 265,000	$ —	$ —	$ —	$ —	$ —
$ 7,413	$ 2,032	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 123,838	$ 182,150	TOTAL	$ 265,000	$ —	$ —	$ —	$ —	$ —

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 to generate revenue. These temporary agreements sometimes require the removal of buildings or other outdated infrastructure to accommodate a particular need of the new lessee. Funding in FY22 provides for the removal of the 1st Street Rail Spur in support of the South Port redevelopment plan ($85,000) along with deconstruction of the former Dodd's Terminal building foundation also in the South Port ($130,000). Clearing this site of the existing outdated and obsolete structure will help to prepare the site for redevelopment. Funding in FY 22 ($50,000) is also included to support the creation of marketing information that allows the city to evaluate redevelopment options and attract potential developers for its industrial sites on 7th street and along Dove Harbor, as well as commercial and industrial sites along Kerper Blvd near Peosta Channel. The leases on these properties will be expiring, and while industrial use is likely the highest and best use of these parcels, the city should look at the possibilities for other redevelopment types, especially with the Alliant Energy power plant now being decommissioned. This work will also support the City's effort accelerate opportunity zone 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Port of Dubuque - Security Camera Expansion	FY 2008 ACTIVITY NO: 102-1963	$ 40,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Equipment	$ 20,000	$ —	$ 20,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ —	$ 20,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 20,000	$ —	$ 20,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ —	$ 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, which 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. 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 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

Vibrant Community: Healthy and Safe: Have residents feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Harbor Area Maintenance - Dredging	FY 1980	
			ACTIVITY NO: 350-1466	
			300-1466	$ 91,950

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,950	$ 1,000	Engineering Services	$ —	$ 1,000	$ —	$ 1,000	$ —	$ 1,000
	$ 24,000	Construction	$ —	$ 29,000	$ —	$ 34,000	$ —	$ 39,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,950	$ 25,000	TOTAL	$ —	$ 30,000	$ —	$ 35,000	$ —	$ 40,000
		B. PROJECT FINANCING						
$ 1,950	$ 25,000	Sales Tax Fund (20%)	$ —	$ 30,000	$ —	$ 35,000	$ —	$ 40,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,950	$ 25,000	TOTAL	$ —	$ 30,000	$ —	$ 35,000	$ —	$ 40,000

PROJECT DESCRIPTION/JUSTIFICATION

This annual recurring 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 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 may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	6C - General Government	Speed Shields	FY 2020 ACTIVITY NO: 300-2917	$ 184,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 44,000	$ 44,000	$ 44,000	$ 44,000	$ —	$ 44,000
		Engineering Services	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ —	$ 2,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 46,000	$ 46,000	$ 46,000	$ 46,000	$ —	$ 46,000
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 46,000	$ 46,000	$ 46,000	$ 46,000	$ —	$ 46,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 46,000	$ 46,000	$ 46,000	$ 46,000	$ —	$ 46,000

PROJECT DESCRIPTION/JUSTIFICATION

This project will fund 10 portable speed shields a year to be used along various streets in the community. The speed shields are used to bring awareness to drivers on their speed and helps reduce speeds in areas know to have speeding issues. The speed shields are installed and managed by the Dubuque Police Department to assist in enforcement.

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 (30%) and DRA Funding.

DEPARTMENT:		STATE PROGRAM:	PROJECT TITLE:			YEAR FIRST SUBMITTED: 2019		TOTAL PROJECT COST
55 - Engineering / Miscellaneous		2C - Public Works	City Hall 3rd Floor Renovation			ACTIVITY NO:		$ 20,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering Services	$ —	$ 20,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 20,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ —	$ 20,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 20,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project continues the progress made in past years to renovate under-utilized space in City Hall and transform it into needed and valuable office space. Included in FY23 is the renovation and reorganization of the Engineering Department to relocate all employees to the 3rd floor. In FY19 the Engineering Department completed a space needs assessment looking at ways to relocate six employees from the second floor to the 3rd floor. This recommended reorganization plan will centrally improve customer service areas for staff to interact with the public, right-size staff work areas, expand the Traffic Operations Center which is over capacity, create some shared work areas and joint collaboration spaces for staff primarily located in the field and needed meeting room space. With Engineering Department staff vacating office space on the second floor, this will provide much needed room for other departments to expand and create working space for new employees.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Provide easy access to City information and services for all.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), Greater Downtown TIF, and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Engineering Department FF&E Replacement	2020 ACTIVITY NO: 102-2918	$ 85,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering Services	$ 5,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 80,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 85,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 85,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The 3rd floor area of the Engineering Department was last renovated over 15 years ago. The laminate flooring has reached its end of service life and is broken or significantly deteriorated in several areas. The paint color scheme and overall decoration style is significantly outdated and has a negative influence on employee morale and does not influence maintaining a positive attitude. A study by the Social Market Foundation and the University of Warwick's Centre for Competitive Advantage in the Global Economy confirmed that happiness can increase productivity as much as 12%. Thus, the benefits of designing workspaces and environmental factors of an office with a team's positive mindset will directly increase overall productivity.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Provide easy access to City information and services for all.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Railroad Quiet Zone Study	FY 2020 ACTIVITY NO:	$ 43,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ —	$ 35,000	$ —	$ —	$ —	$ —
		Engineering Services	$ —	$ 8,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 43,500	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ —	$ 43,500	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 43,500	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Within the City of Dubuque there are many public roadway-rail grade crossings. This has led to many complaints from residents regarding the noise caused by railroad trains due to the sounding of locomotive horns as the trains pass each grade crossing. This project funds the hiring of a consultant in order to analyze the possibility for establishing a railroad quite zone throughout the City's north end neighborhood in order to mitigate the disruption to the public that is caused by the sounding of train horns.

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%) and DRA Funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Riverfront Property Purchase	2021 ACTIVITY NO: 360-1043	$ 750,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Property Acquisition	$ 704,714	$ —	$ —	$ —	$ —	$ —
		Consult Services	$ 38,616	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 6,670	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 750,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		G.O. Debt (GDTIF)	$ 750,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 750,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for purchasing property along or adjacent to Dubuque's riverfront. The city council has had a long standing principle that the Mississippi riverfront belongs to all of Dubuque's residents and this CIP supports the potential additional to city owned land along the riverfront should any become available for sale.

RELATIONSHIP TO OTHER PROJECTS

Pine Street Connector CIP

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, North End), including residential opportunities, retail, jobs, recreation and entertainment.

FUNDING RESTRICTIONS

This project may only be funded by GDTIF

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Miscellaneous	2C - Public Works	Blum Site Utilization and City Service Delivery Study	2021 ACTIVITY NO: 360-2919	$ 93,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ 85,000	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 8,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 93,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ 93,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 93,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

To date three previous community engagement phases have been completed for this site as part of the ongoing USEPA brownfield clean-up grants. The results of all three engagement phases have resulted in the same conclusions. Residents would like to see the site developed with a series of outdoor family orientated recreational amenities, formal recreation programming for both youths and adults, and public indoor spaces where neighbors can come together, get to know one and other and enjoy each other's company. Additionally, the COVID-19 pandemic has forced the City to change the way it has traditionally delivered services to its customers. The changes in service delivery modes provides an opportunity for staff to revisit new options that could be permanently implemented after the pandemic is over.

It is universally understood that in order to best serve people working to overcome poverty, services are most helpful when they are centralized into one location because low-income wage earners do not have enough flexibility in their work hours, children's day care schedules, and transportation options to travel around and visit multiple locations that provide them with assistance. Due to its location immediately adjacent to the Washington, North End, and Point neighborhoods the Blum Site is an ideal location to provide consolidated city services from. By city staff being located among those who live in disadvantaged neighborhoods they can get to know residents better and be able to build relationships with them. The more the City closes the distance between ourselves and those we hope to help, the easier it will be to build trust. Building trust is an extremely important service delivery component because trust and respect are the precursors to equity and inclusion. The more psychologically safe residents and staff feel around each other, the better information will flow and barriers to communication will begin to break down and solutions to poverty will start to unfold. We will be able to stop looking at the people we serve, and they look back at us and instead we look can look forward to solving problems together.

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 GDTIF

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Street Light Replacement and New Installation	FY 2010	
			ACTIVITY NO: 360-1549	
			300-1549 260-1549	$ 602,106

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 5,309	$ 44,014	Engineering Services	$ 15,000	$ 15,000	$ 10,000	$ 5,000	$ 5,000	$ 5,000
$ 7,383	$ 12,000	Construction	$ 113,200	$ 130,200	$ 170,000	$ 30,000	$ 40,000	$ 40,000
$ 12,692	$ 56,014	TOTAL	$ 128,200	$ 145,200	$ 180,000	$ 35,000	$ 45,000	$ 45,000
		B. PROJECT FINANCING						
$ 5,225	$ 12,000	Greater Downtown TIF	$ 88,200	$ 85,200	$ 150,000	$ 5,000	$ 5,000	$ 5,000
$ 7,100	$ 20,000	Sales Tax Fund (30%)	$ 40,000	$ 60,000	$ 30,000	$ 30,000	$ 40,000	$ 40,000
$ 367	$ 24,014	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
$ 12,692	$ 56,014	TOTAL	$ 128,200	$ 145,200	$ 180,000	$ 35,000	$ 45,000	$ 45,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for a replacement program of the existing 30-foot white streetlights and some traffic signals located in downtown Dubuque. Currently, there are approximately 60 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 new downtown streetlights will be capable of having banners brackets added. 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 streetlights. This program would promote the use of high efficiently, long life LED street lighting throughout the City of Dubuque which saves energy and operating expenses. 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 streetlights throughout the City and will also include the installation of new streetlights when conditions warrant. Currently, the City owns approximately 2,500 streetlights. In many older subdivisions the entire light fixture, base, pole, and conduits need replacing. Currently there are around 60 lights in 24 locations outside of the downtown lights that are in need of replacement. Average cost of reconstruction is around $1,500 to $2,000 each.

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 may only be funded by Sales Tax Fund (30%), Greater Downtown TIF, CDBG, and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Signalization Program	FY 2014 ACTIVITY NO: 300-1011	$ 705,839

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 48,595	$ 15,689	Engineering Services	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000
$ 1,476	$ 250,079	Construction	$ 55,000	$ 65,000	$ 55,000	$ 45,000	$ 95,000	$ 95,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 50,071	$ 265,768	TOTAL	$ 70,000	$ 80,000	$ 70,000	$ 60,000	$ 110,000	$ 110,000
		B. PROJECT FINANCING						
$ 50,071	$ 265,768	Sales Tax Fund (30%)	$ 70,000	$ 80,000	$ 70,000	$ 60,000	$ 110,000	$ 110,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 50,071	$ 265,768	TOTAL	$ 70,000	$ 80,000	$ 70,000	$ 60,000	$ 110,000	$ 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Mastarm Retrofit	FY 2014 ACTIVITY NO: 300-1133	$ 518,321

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 5,418	$ 5,000	Engineering Services	$ 10,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
	$ 60,000	Construction	$ 60,000	$ 70,000	$ 75,000	$ 60,000	$ 80,000	$ 80,000
$ 72,903		Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 78,321	$ 65,000	TOTAL	$ 70,000	$ 75,000	$ 80,000	$ 65,000	$ 85,000	$ 85,000
		B. PROJECT FINANCING						
$ 78,321	$ 65,000	Sales Tax Fund (30%)	$ 70,000	$ 75,000	$ 80,000	$ 65,000	$ 85,000	$ 85,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 78,321	$ 65,000	TOTAL	$ 70,000	$ 75,000	$ 80,000	$ 65,000	$ 85,000	$ 85,000

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 locations have mastarm mounted heads. The differing location of the traffic signals sometimes causes 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, Jackson, Washington, Elm and Central Corridors. Intersections included: 14th at Jackson, 14th and Elm, 14th and Washington. 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Interconnect Conduit Replacement	FY 2012 ACTIVITY NO: 300-1266	$ 341,749

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 10,000	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
$ 2,036	$ 74,713	Construction	$ 35,000	$ 65,000	$ 35,000	$ 35,000	$ 60,000	$ 60,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,036	$ 84,713	TOTAL	$ 40,000	$ 70,000	$ 40,000	$ 40,000	$ 65,000	$ 65,000
		B. PROJECT FINANCING						
$ 2,036	$ 84,713	Sales Tax Fund (30%)	$ 40,000	$ 70,000	$ 40,000	$ 40,000	$ 65,000	$ 65,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,036	$ 84,713	TOTAL	$ 40,000	$ 70,000	$ 40,000	$ 40,000	$ 65,000	$ 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; and Bryant and Mt. Loretta.

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, Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization), Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Controller Replacement	FY 2012 ACTIVITY NO: 300-1274	$ 318,303

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 113,303	Equipment	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 45,000
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 113,303	TOTAL	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 45,000
		B. PROJECT FINANCING						
	$ 113,303	Sales Tax Fund (30%)	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 45,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 113,303	TOTAL	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 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 has 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 these new cabinet standards. Windsor at 22nd and Windsor at Rhomberg were updated in 2017. Nevada and University in FY 2018, Locust and Charter along with Carter and Chaney on Asbury Road will be updated in FY 2021.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

This project may be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Street Lighting and Traffic Signal Knockdown/Insurance	FY 2014 ACTIVITY NO: 300-2252	$ 227,372

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 2,712	$ 67,775	Construction	$ 25,000	$ 30,000	$ 30,000	$ 25,000	$ —	$ 30,000
$ 21,885	$ 25,000	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 24,597	$ 92,775	TOTAL	$ 25,000	$ 30,000	$ 30,000	$ 25,000	$ —	$ 30,000
		B. PROJECT FINANCING						
$ 24,597	$ 10,000	Insurance Reimbursements	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ —	$ 10,000
	$ 82,775	Sales Tax Fund (30%)	$ 15,000	$ 20,000	$ 20,000	$ 15,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 24,597	$ 92,775	TOTAL	$ 25,000	$ 30,000	$ 30,000	$ 25,000	$ —	$ 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 CIP to fund expenditures which helps track the costs due to accidents, and how much the city spends on hit and run or uninsured accidents. 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

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Street Camera Installation	FY 2017 ACTIVITY NO: 300-2421 360-2421	$ 524,177

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 21,173	$ 90,203	Equipment	$ 100,775	$ 84,798	$ 100,000	$ 75,000	$ 10,000	$ 110,000
$ 5,470	$ 7,547	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ —	$ 5,000	$ 5,000
$ 9,211		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 35,854	$ 97,750	TOTAL	$ 105,775	$ 89,798	$ 105,000	$ 75,000	$ 15,000	$ 115,000
		B. PROJECT FINANCING						
$ 35,854	$ 72,765	Sales Tax Fund (30%)	$ 75,000	$ 75,000	$ 75,000	$ —	$ —	$ 100,000
	$ 24,985	Greater Downtown TIF	$ 30,775	$ 14,798	$ 30,000	$ 75,000	$ 15,000	$ 15,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 35,854	$ 97,750	TOTAL	$ 105,775	$ 89,798	$ 105,000	$ 75,000	$ 15,000	$ 115,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 11,826	$ 24,090	$ 35,040	$ 35,040	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project funds 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 making them an integral part of public safety. These funds would also be available to replace existing cameras as they age and as 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	LED Re-Lamp Schedule	FY 2015 ACTIVITY NO: 300-1916	$ 156,918

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 1,000	Engineering Services	$ 1,000	$ 1,000	$ 1,000	$ 1,000	$ 2,500	$ 2,500
$ 9,418	$ 19,000	Equipment	$ 24,000	$ 29,000	$ 24,000	$ 19,000	$ 25,000	$ 25,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 9,418	$ 20,000	TOTAL	$ 25,000	$ 30,000	$ 25,000	$ 20,000	$ 27,500	$ 27,500
		B. PROJECT FINANCING						
$ 9,418	$ 20,000	Sales Tax Fund (30%)	$ 25,000	$ 30,000	$ 25,000	$ 20,000	$ 27,500	$ 27,500
			$ —	$ —	$ —	$ —	$ —	$ —
$ 9,418	$ 20,000	TOTAL	$ 25,000	$ 30,000	$ 25,000	$ 20,000	$ 27,500	$ 27,500

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 lifespan 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Battery Backup	FY 2012 ACTIVITY NO: 300-1229	$ 163,823

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 34,630	$ 54,193	Equipment	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
		Engineering	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 34,630	$ 54,193	TOTAL	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
		B. PROJECT FINANCING						
$ 34,630	$ 54,193	Sales Tax Fund (30%)	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 34,630	$ 54,193	TOTAL	$ 15,000	$ 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Intersection Reconstruction	FY 2007 ACTIVITY NO: 300-1615	$ 434,611

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 6,240	$ 15,000	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
$ 2,251	$ 70,963	Construction	$ 45,000	$ 70,000	$ 67,472	$ 60,000	$ 70,000	$ 70,000
$ 2,070	$ 615	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,561	$ 86,578	TOTAL	$ 50,000	$ 75,000	$ 72,472	$ 65,000	$ 75,000	$ 75,000
		B. PROJECT FINANCING						
$ 10,561	$ 86,578	Sales Tax Fund (30%)	$ 50,000	$ 75,000	$ 72,472	$ 65,000	$ 75,000	$ 75,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 10,561	$ 86,578	TOTAL	$ 50,000	$ 75,000	$ 72,472	$ 65,000	$ 75,000	$ 75,000

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for the reconstruction of one intersection in the downtown 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, Main, Elm, Iowa and Bluff Streets. 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. 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 include standard ITS equipment. Future high priority intersections in the downtown include Iowa at 7th, Bluff at 9th, Bluff at 10th, 14th Street signals west of White, Charter at Locust and various improvements in the 1-way to 2-way corridors.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Surge and grounding Improvement at Signals	FY 2017 ACTIVITY NO: 300-2420	$ 106,589

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 8,263	Construction	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
$ 8,364	$ 14,962	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 8,364	$ 23,225	TOTAL	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
		B. PROJECT FINANCING						
$ 8,364	$ 23,225	Sales Tax Fund (30%)	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 8,364	$ 23,225	TOTAL	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ —	$ 20,000

PROJECT DESCRIPTION/JUSTIFICATION

This project would add additional surge protection to the 115 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 and cameras systems 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. This program has proven successful with a lower rate of damaged equipment after installation of this surge equipment. This surge equipment does require frequent analysis to ensure it continues to protect as it ages and often times will need replacement after multiple storm events.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Connected Community: Have well-maintained, improved transportation system – vehicles, roadways, sidewalks, and trails.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	STREETS Traffic Control Project	FY 2019	
			ACTIVITY NO: 300-2763	
			102-2763	$ 4,133,325

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 50,000	$ 100,000	Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
	$ 3,148,216	Construction	$ —	$ —	$ —	$ —	$ —	$ —
$ 11,859	$ 673,250	Engineering Services	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 61,859	$ 3,921,466	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 61,859	$ 555,196	Sales Tax Fund (30%)	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —
	$ 998,000	FHWA AID Grant	$ —	$ —	$ —	$ —	$ —	$ —
	$ 818,250	State ICAAP Grant	$ —	$ —	$ —	$ —	$ —	$ —
	$ 500,000	State TSIP Grant	$ —	$ —	$ —	$ —	$ —	$ —
	$ 50,000	IADOT Primary Road Funds	$ —	$ —	$ —	$ —	$ —	$ —
	$ 200,000	DMATS Primary Road Conv.	$ —	$ —	$ —	$ —	$ —	$ —
	$ 500,000	DMATS STBG	$ —	$ —	$ —	$ —	$ —	$ —
	$ 50,000	IADOT TSIP	$ —	$ —	$ —	$ —	$ —	$ —
	$ 250,000	DRA Distribution	$ —	$ —	$ —	$ —	$ —	$ —
$ 61,859	$ 3,921,446	TOTAL	$ 50,000	$ 50,000	$ 50,000	$ —	$ —	$ —

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. FY 2022-23 cover consulting services to improve the efficiency of the STREETS system.

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 may only be funded by state grant funds, Sales Tax Fund (30%), Road Use Tax Fund, and DRA Distribution/Gaming.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Fiber Optic Network Program	FY 2015 ACTIVITY NO: 300-1631	$ 624,231

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 2,350	$ 10,000	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 10,000	$ 10,000
$ 140	$ 156,539	Construction	$ 60,000	$ 95,000	$ 95,000	$ 60,000	$ 100,000	$ 100,000
$ 8,560	$ 6,642	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,050	$ 173,181	TOTAL	$ 65,000	$ 100,000	$ 100,000	$ 65,000	$ 110,000	$ 110,000
		B. PROJECT FINANCING						
$ 11,050	$ 173,181	Sales Tax Fund (30%)	$ 65,000	$ 100,000	$ 100,000	$ 65,000	$ 110,000	$ 110,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 11,050	$ 173,181	TOTAL	$ 65,000	$ 100,000	$ 100,000	$ 65,000	$ 110,000	$ 110,000

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 fiber optic communications loops around the City utilizing US 20, NW Arterial, Pennsylvania, Asbury Road 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

Financially Responsible, High Performance City Organization, Easy, convenient access to City information and services, Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization), Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	ITS Traffic Control Equipment	FY 2015	
			ACTIVITY NO: 300-2253	
			250-2253	$ 188,642

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 12,642	$ 18,000	Equipment	$ 18,000	$ 23,000	$ 32,000	$ 23,000	$ 50,000	$ 50,000
	$ 2,000	Engineering	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
		Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 12,642	$ 20,000	TOTAL	$ 20,000	$ 25,000	$ 34,000	$ 25,000	$ 52,000	$ 52,000
		B. PROJECT FINANCING						
$ 12,642	$ 20,000	Sales Tax Fund (30%)	$ 20,000	$ 25,000	$ 34,000	$ 25,000	$ 52,000	$ 52,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 12,642	$ 20,000	TOTAL	$ 20,000	$ 25,000	$ 34,000	$ 25,000	$ 52,000	$ 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, connected vehicles infrastructure, roadside units broadcasting SPat data 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. FY 20 funds were used to install Roadside Units along the signalized intersections of US 20. These devices broadcast Signal Phasing and Timing data to newer cars that have this technology built in. Dubuque is the first city in the state to install this technology.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Traffic Signal Vehicle Detection Conversion	FY 2012 ACTIVITY NO: 300-1816	$ 395,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 98,000	Equipment	$ 48,000	$ 58,000	$ 62,000	$ 50,000	$ 63,000	$ 63,000
	$ 6,000	Engineering Services	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000	$ 2,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 104,000	TOTAL	$ 50,000	$ 60,000	$ 64,000	$ 52,000	$ 65,000	$ 65,000
		B. PROJECT FINANCING						
	$ 104,000	Sales Tax Fund (30%)	$ 50,000	$ 60,000	$ 64,000	$ 52,000	$ 65,000	$ 65,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 104,000	TOTAL	$ 50,000	$ 60,000	$ 64,000	$ 52,000	$ 65,000	$ 65,000

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). Microwave detection is an easy, safe alternative that we have been using throughout the City at new installations. FY 21 and FY 22 locations targeted include Intersections along Asbury Road including Sam's South entrance, JFK, Carter, Chaney and St. Ambrose. Locations that currently are in need of maintenance and potential candidates include Locust at 151, Locust at Locust Connector, Hwy 151 at Jones, Locust at Charter, Elm at 16th, University at Pennsylvania. The newest model of equipment allows this technology to be installed at more existing locations. This technology and equipment upgrade offers some of the best performance enhancements to a signal for the dollar spent.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Grandview Street Light Replacement	FY 2016 ACTIVITY NO: 300-1210 250-1210	$ 435,843

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,061	$ 51,891	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ —	$ —	$ —
	$ 109,891	Construction	$ 95,000	$ 45,000	$ 95,000	$ —	$ —	$ —
	$ 23,000	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,061	$ 184,782	TOTAL	$ 100,000	$ 50,000	$ 100,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 1,061	$ 134,782	Sales Tax Fund (30%)	$ —	$ 50,000	$ 100,000	$ —	$ —	$ —
	$ 50,000	Road Use Tax	$ 100,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 1,061	$ 184,782	TOTAL	$ 100,000	$ 50,000	$ 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. 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 with a lower maintenance nostalgic-style light pole. 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. 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 previous FY funding. 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 create a redundant route between US 20 and Hwy 151 and be used for private/public partnerships with broadband carriers. All the underground improvements have been installed north of US 20. FY 21 funds will be used to install the new light pole equipment on the section North of 20. Starting FY 23 funds will be used to install new light poles between Grandview and US 20.

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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	INET Fiber Replacement Build Out	FY 2020	
			ACTIVITY NO: 250-2799	
			300/101 350-2799	$ 495,746

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 158,130	Construction	$ 70,000	$ 125,000	$ 50,000	$ —	$ —	$ —
$ 12,616	$ 15,000	Equipment	$ 15,000	$ 15,000	$ 10,000	$ —	$ —	$ —
	$ 5,000	Engineering Services	$ 5,000	$ 10,000	$ 5,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 12,616	$ 178,130	TOTAL	$ 90,000	$ 150,000	$ 65,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 90,000	Sales Tax Fund (30%)	$ 90,000	$ 150,000	$ 65,000	$ —	$ —	$ —
$ 12,616	$ 88,130	Road Use Tax	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 12,616	$ 178,130	TOTAL	$ 90,000	$ 150,000	$ 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), WRRC 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 may only be funded by DRA Distribution/Gaming, Road Use Tax and Sales Tax (20%) & (30%).

DEPARTMENT: 55 - Engineering / Traffic	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Emergency Preemption Expansion and Upgrades	YEAR FIRST SUBMITTED: FY 2020 ACTIVITY NO: 300-1023	TOTAL PROJECT COST $ 120,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 14,135	$ 15,000	Equipment	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
	$ 865	Engineering Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 14,135	$ 15,865	TOTAL	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
		B. PROJECT FINANCING						
$ 14,135	$ 15,865	Sales Tax Fund (30%)	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 14,135	$ 15,865	TOTAL	$ 15,000	$ 15,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000

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 preemption 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 preempting the direction (Straight or Left) as needed. Current optical preemption 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 may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Fiber Optic Conduit - Miscellaneous	FY 2015	$ 332,544
			ACTIVITY NO: 300-2144	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 16,079	$ 10,563	Engineering Services	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
$ 11,310	$ 54,565	Construction	$ 35,000	$ 45,000	$ 45,000	$ 35,000	$ 45,000	$ 45,000
$ 10,027		Equipment	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 37,416	$ 65,128	TOTAL	$ 40,000	$ 50,000	$ 50,000	$ 40,000	$ 50,000	$ 50,000
		B. PROJECT FINANCING						
$ 37,416	$ 65,128	Sales Tax Fund (30%)	$ 40,000	$ 50,000	$ 50,000	$ 40,000	$ 50,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 37,416	$ 65,128	TOTAL	$ 40,000	$ 50,000	$ 50,000	$ 40,000	$ 50,000	$ 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 along 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.

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, Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Fiber Infrastructure Management System	FY 2019 ACTIVITY NO: 300-2620	$ 222,454

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 30,800	$ 17,000	Software	$ —	$ —	$ —	$ —	$ —	$ —
	$ 10,000	Equipment	$ —	$ —	$ —	$ —	$ —	$ —
	$ 10,450	Engineering Services	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
$ 12,559	$ 1,645	Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 43,359	$ 39,095	TOTAL	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
		B. PROJECT FINANCING						
$ 43,359	$ 39,095	Sales Tax Fund (30%)	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 43,359	$ 39,095	TOTAL	$ 100,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000	$ 15,000

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

Broadband Acceleration and Universal Access,

OUTCOME

Financially Responsible, High Performance City Organization, Easy, convenient access to City information and services, Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic	STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Broadband Acceleration and Universal Access	YEAR FIRST SUBMITTED: 2020 ACTIVITY NO: 300-2857	TOTAL PROJECT COST $ 731,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 10,000	Engineering	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ 10,000
	$ 126,000	Construction	$ 120,000	$ 115,000	$ 110,000	$ 100,000	$ 100,000	$ 95,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 136,000	TOTAL	$ 130,000	$ 125,000	$ 120,000	$ 110,000	$ 110,000	$ 105,000
		B. PROJECT FINANCING						
	$ 136,000	Sales Tax Fund (30%)	$ 130,000	$ 125,000	$ 120,000	$ 110,000	$ 110,000	$ 105,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 136,000	TOTAL	$ 130,000	$ 125,000	$ 120,000	$ 110,000	$ 110,000	$ 105,000

PROJECT DESCRIPTION/JUSTIFICATION

This program will fund the expansion of communication duct and fiber that will significantly enhance public safety, improve a wide-range of city services and enable equitable and universal access to broadband (high-speed internet). The City will collaborate with other public entities and private carriers and specifically target its funds to "last block" undertakings, ranging from connecting widely dispersed city facilities and assets to specifically connecting low income or geographically stranded neighborhoods that the private sector cannot/will not.

This program will leverage significantly larger private sector investments in Dubuque (usually 5X to 7X City investment), provides City infrastructure that reduces costs/improves services for multiple City agencies and create public assets which can in turn be leased or licensed to private partners to recover costs and support future broadband expansion and innovation. Incorporated into this project are several traditionally stand-alone CIPs such as extending the CIty's fiber backbone from 27th and Elm up to Jackson and 32nd and over to Central and 32nd. This brings broadband and surveillance infrastructure to this area of the City. These types of projects have been folded into this request in order to be positioned to reduce costs through public/private partnerships.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded with Sales Tax Fund (30%), Road Use Tax, and TIF funding in TIF districts.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Street Light Controller Meter Installation			YEAR FIRST SUBMITTED: ACTIVITY NO: 300-2920		TOTAL PROJECT COST $ 90,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering	$ 10,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 80,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 90,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program would add Meter Pedestals to the existing street lighting controllers along major roadway lighting projects in Dubuque. These roadway lights have been converted to LED, but we will not recognize the cost saving until we meter the locations. These 16 locations include Rockdale/Grandview, South Locust, Locust/JD Bridge, 151/Jones, Locust Connector, 3rd Street Overpass, Washington/8th, 151/11th Street, Kerper off ramp, Admiral Sheehy Dr, Dodge Street, Grandview/US 20 areas. The estimated cost is $5000 per location and offers a quick return on investment.

RELATIONSHIP TO OTHER PROJECTS

Related to streetlight replacement

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT: 55 - Engineering / Traffic		STATE PROGRAM: 2C - Public Works	PROJECT TITLE: Dubuque Entry Point Camera Project			YEAR FIRST SUBMITTED: ACTIVITY NO: 300-2921		TOTAL PROJECT COST $ 124,500
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Engineering	$ 10,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 55,000	$ —	$ —	$ —	$ —	$ —
		Software	$ 59,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 124,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 124,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 124,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This improvement program would install cameras at the five pinch points into and out of the City of Dubuque. These locations include:

1. JD Bridge
2. Wisconsin Bridge
3. US 151 at SW Arterial
4. US 20 at SW Arterial
5. US 52 at NW Arterial

These cameras would be capable of identifying vehicles in detail entering and exiting the city limits with the use of license plate recognition software.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Healthy and Safe: Have resident feeling safe in any neighborhood and throughout the community.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	Citywide Fiber Cable Backbone Masterplan	FY 2022 ACTIVITY NO: 300-2922	$ 230,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering and Design	$ 50,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 50,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000
		B. PROJECT FINANCING						
		Sales Tax Fund (30%)	$ 50,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 50,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ 45,000

PROJECT DESCRIPTION/JUSTIFICATION

This improvement program would fund the planning and design of a backbone fiber cable throughout the City of Dubuque to service the needs of the city and other governmental organizations in the city limits. The design would include a needs assessement and recommended service areas, a prioritized fiber duct gap map and proposed fiber cable design with redundant routes. This project would also fund the purchase and installation of fiber cable to service all city departments allowing them to connect internally and with other affiliated governmental organizations.

RELATIONSHIP TO OTHER PROJECTS

This program relates to other communications projects throughout the city.

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, bandwidth redundancy. Financially Responsible, High Performance City Organization, Easy, convenient access to City information and services, Connected Community: Increase availability, bandwidth and redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering / Traffic	2C - Public Works	32nd and Jackson Street Signal Reconstruction and Camera Project	2015 ACTIVITY NO: 250-2923	$ 230,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Engineering	$ 30,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 200,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 230,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Road Use Tax Fund	$ 230,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 230,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This capital improvement project will reconstruct the existing traffic signals at the intersection of 32nd and Jackson Street. The existing signals have been repeatedly hit and knocked over and all the underground conduits are bad leaving the signal is a state of red flash. This project would include installing new signal equipment at the intersection, additional fiber optic communications between 32nd and Central Avenue and would add cameras monitoring 32nd and Jackson that would also reach towards Peru Road and would see up and down Jackson Street for many blocks.

RELATIONSHIP TO OTHER PROJECTS

This is related to City Owned Sidewalks, ADA Ramps, Water Department Hydrant replacement fund

OUTCOME

Connected Community: Improve traffic flow throughout the city (East-West corridor, roundabouts, light synchronization).

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (30%) and Road Use Tax Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
55 - Engineering	6C - General Government	Integrated Access Control and Security System	FY 2020 ACTIVITY NO: 350-2858	$ 68,250

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 48,500	City Hall	$ —	$ —	$ —	$ —	$ —	$ —
		City Hall Annex	$ 19,750	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 48,500	TOTAL	$ 19,750	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 48,500	Sales Tax Fund (20%)	$ 19,750	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 48,500	TOTAL	$ 19,750	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Access Control and Security Program will replace antiquated lock and key access systems for City Hall and City Hall Annex. This will will modernize the access control system and enhance security in city facilities managed by the Engineering Department. Employees currently use metal keys to access these buildings and rooms within these buildings. Circulating metal keys is difficult to track due to turnover and employees outside of City Hall that need access to these facilities. It also does not allow staff to differentiate credentials. City Hall currently has more keys in circulation than employees working in these facilities. The Integrated Security and Access Control System can be scaled to organizational needs,and allows for programmable access control for city employees and facilities. The Building Safety Department will gain the ability to program doors to automatically lock and unlock at specific times of the day. Additionally, the system will allow the Building Services Department to track and maintain a record of authorized personnel who access the system and when.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information and data using the “Best Practices.”

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Greater Downtown Housing Creation Grant Program	FY 2016 ACTIVITY NO: 360-2438	$ 2,515,759

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 80,889	$ 844,870	Grants/Loans	$ 440,000	$ 400,000	$ 400,000	$ 350,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 80,889	$ 844,870	TOTAL	$ 440,000	$ 400,000	$ 400,000	$ 350,000	$ —	$ —
		B. PROJECT FINANCING						
$ 80,889	$ 844,870	Greater Downtown TIF	$ 440,000	$ 400,000	$ 400,000	$ 350,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 80,889	$ 844,870	TOTAL	$ 440,000	$ 400,000	$ 400,000	$ 350,000	$ —	$ —

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 used to capitalize the pool of funds for these grants. The program provides grants of $10,000 for each new housing unit created in the District. The program creates affordable, quality rental housing units for our workforce in areas well-served by public transit. All projects must commit to accepting all sources of income for otherwise eligible tenants.

Potential projects identified at this time are: former Prescott school (12 units), Brewing & Malting complex (75+ units), 801 Jackson (70 units), and various Central Avenue Corridor buildings (10+ units). In addition, we typically receive requests for 5-6 smaller projects (10-20 units) annually.

RELATIONSHIP TO OTHER PROJECTS

This project is related. to downtown rehab grant CIPs: 241-1942 and 360-2436. These grants are typically all used on the same properties simultaneously.

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, North End), including residential opportunities, retail, jobs, recreation and entertainment.

FUNDING RESTRICTIONS

This project may only be funded by Greater Downtown TIF funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Kerper Boulevard Revitalization	FY 2019 ACTIVITY NO: 102-2859	$ 100,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 50,000	Consultant Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 50,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 50,000	DRA Distribution	$ 50,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 50,000	TOTAL	$ 50,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Kerper Boulevard connects the new Intermodal Transportation Center, Bee Branch Creek Greenway, Sutton Pool, and 229-acre Kerper Boulevard Industrial Park. There are large vacant and under-utilized buildings in the industrial park. The street design is a four-lane divided roadway that lacks accommodations for multiple modes of transportation and could benefit from a Compete Streets re-design. The project would fund a multi-disciplinary consultant team to work with City Engineering, Planning Services and Economic Development Departments to create a comprehensive master plan that incorporates community engagement and stakeholder input to identify strategies, catalytic actions, and resources for revitalization. The project would: explore development opportunities for vacant and under-utilized buildings; develop a Complete Streets design to improve safe access for buses, bicyclists, and pedestrians; complete a traffic analysis and evaluate a roundabout at 16th Street and Kerper Boulevard; investigate opportunities for additional green space and recreation along the riverfront; complete an economic feasibility and market study; and develop a marketing plan for Kerper Boulevard revitalization.

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 DRA Distribution/Gaming.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Workforce Development	FY 2016 ACTIVITY NO: 360-1842	$ 2,170,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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 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: engage a wide range of partnerships and resources to promote career opportunities with area businesses, recruit first-rate talent, and grow the regional workforce to 64,000; increase the Dubuque Metropolitan Statistical Area's Median Household Income to $60,000; encourage and facilitate $800 million in new residential and commercial construction in Dubuque County; and grow the Dubuque County population to 100,000 by December 2022. The City has committed $185,000 annually for the five years of this campaign and $125,000 annually for the Greater Dubuque Development Corporation to hire staff dedicated to assisting local employers with workforce development and recruitment. Funding for this staff is funded through land sales, therefore payments FY2022 and beyond are budgeted to be funded by property tax, however it is anticipated that the City will have future land sales to cover the cost.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Create a resilient, sustainable and diverse regional Dubuque economy; Retain, expand and grow local businesses; and have a workforce prepared for 21st century jobs in the global marketplace.

FUNDING RESTRICTIONS

This project may only be funded by Dubuque Industrial Center West land sales and TIF funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Washington Neighborhood Rehabilitation Grant Program	FY 2017 ACTIVITY NO: 360-2436	$ 859,394

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 57,500	$ 276,894	Grants	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 57,500	$ 276,894	TOTAL	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
		B. PROJECT FINANCING						
$ 57,500	$ 276,894	Greater Downtown TIF	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 57,500	$ 276,894	TOTAL	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000

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 used to capitalize the pool of funds for these grants. This grant program provides a 1:1 match for eligible expenses for improvements to façades, as well as accompanying costs for financial consulting and planning & design work for the project. This grant program receives the most inquiries and interest of all Economic Development Department's programs. The program promotes the redevelopment of the downtown, maintains its historic appeal, and complements grant/loan programs provided by our partners at Dubuque Main Street.

Potential projects identified at this time are: former Prescott school (12 units), Brewing & Malting complex (75+ units), 801 Jackson (70 units), and various Central Avenue Corridor buildings (10+ units). In addition, we typically receive requests for 5-6 smaller projects (10-20 units) annually.

RELATIONSHIP TO OTHER PROJECTS

This project is related to downtown rehab grant CIP 360-2438. These grants are typically used on the same properties simultaneously.

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 Greater Downtown TIF funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Downtown Rehabilitation Grant Program	FY 2020 ACTIVITY NO: 241-1942	$ 1,032,037

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 150,313	$ 286,724	Grants	$ 175,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 150,313	$ 286,724	TOTAL	$ 175,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
		B. PROJECT FINANCING						
$ 150,313	$ 286,724	Greater Downtown TIF	$ 175,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 150,313	$ 286,724	TOTAL	$ 175,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000	$ 105,000

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 used to capitalize the pool of funds for these grants. This grant program provides a 1:1 match for eligible expenses for improvements to façades, as well as accompanying costs for financial consulting and planning & design work for the project. This grant program receives the most inquiries and interest of all Economic Development Department's programs. The program promotes the redevelopment of the downtown, maintains its historic appeal, and complements grant/loan programs provided by our partners at Dubuque Main Street.

Potential projects identified at this time are: former Prescott school (12 units), Brewing & Malting complex (75+ units), 801 Jackson (70 units), and various Central Avenue Corridor buildings (10+ units). In addition, we typically receive requests for 5-6 smaller projects (10-20 units) annually.

RELATIONSHIP TO OTHER PROJECTS

This project is related. to downtown rehab grant CIP 360-2438. These grants are typically used on the same properties simultaneously.

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 Greater Downtown TIF funding.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Minority-Owned Business Microloan Initiative	FY 2017 ACTIVITY NO: 360-2679	$ 257,304

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 16,616	$ 90,688	Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
	$ 50,000	Pay to other agency	$ 50,000	$ 50,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,616	$ 140,688	TOTAL	$ 50,000	$ 50,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 16,616	$ 140,688	Greater Downtown TIF	$ 50,000	$ 50,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,616	$ 140,688	TOTAL	$ 50,000	$ 50,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program will provide a loan loss reserve and/or interest rate “buy down” for eligible minority business owners/entrepreneurs seeking a microloan from Iowa Microloan, a 501(c)3 that provides loans of $5,000 to $50,000 to small businesses in Iowa having difficulty obtaining a loan from a traditional lender. The Economic Development Department will partner with either the City’s CDBG or IFA Trust Fund Committees to select qualified candidates whose applications will be forwarded to Iowa Microloan. With approximately $50,000 in local funding to provide loan loss reserve and interest rate buy down funds, we will be able to leverage $200,000 in loan funds for local entrepreneurs/small business owners. As part of their services, Iowa Microloan also provides technical assistance as well as financial coaching. Economic Development is currently facilitating a conversation among minority-owned businesses and resource providers, including this program.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Robust Local Economy: Embrace diverse populations to support a diverse multi-cultural workforce with equitable job opportunities

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA, and Greater Downtown TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Development of McFadden Properties	FY 2018 ACTIVITY NO: 360-2924	$ 233,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design & Engineering	$ 215,000	$ —	$ —	$ —	$ —	$ —
		Land Acquisition	$ 18,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 233,500	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DICW TIF	$ 233,500	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 233,500	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would continue predevelopment work in the Dubuque Industrial Center West, including grading and paving on the McFadden Farm area, as well as any necessary land acquisition. Several recent business expansions in the DICW have created the need for additional predevelopment work in order to facilitate the attraction and expansion of additional businesses in the area by preparing development pads and the access to them. Funding in a companion CIP in FY22 will allow for pumping capacity analysis and master planning of the needed improvements to the pipe system and lift station for the Catfish Creek sanitary line. After the analysis is complete, recommendations for capital improvements for FY23 may be focused on either land development or sanitary improvements based on available funds and which projects need first priority.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project is restricted to DICW TIF funding only.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Downtown Rehabilitation Loan Program	FY 2017 ACTIVITY NO: 241-1033	$ 1,200,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 300,000	$ 600,000	Loans	$ —	$ —	$ 300,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 300,000	$ 600,000	TOTAL	$ —	$ —	$ 300,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 300,000	$ 600,000	Greater Downtown TIF	$ —	$ —	$ 300,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 300,000	$ 600,000	TOTAL	$ —	$ —	$ 300,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This program provides low-interest loans for the rehabilitation and adaptive reuse of buildings in the Greater Downtown Urban Renewal District. Tax increment proceeds and loan repayments are used to capitalize the pool of funds for these loans. The program has been popular, with 19 loans provided since 1996 and additional loans that have been committed but have yet to be disbursed. Those loans and the anticipated funding date are as follows: Riverworks, 44 Main St, $300,000 (FY21); Franklin School, 39 Bluff St, $300,000 (FY22); Allison Row Houses, 1132-1136 Locust, $300,000 (FY23). Due to outstanding commitments made until 2024, the City Council has suspended applications for new loans until such time as the waiting list can be reduced or eliminated. Funds are requested in FY24 to insure against any non-payment to the revolving loan funds before the last currently-committed loan is disbursed.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Central Avenue Corridor Streetscape Master Plan Implementation	FY 2018 ACTIVITY NO: 360-2561	$ 264,907

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 89,907	Construction	$ —	$ 150,000	$ 25,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 89,907	TOTAL	$ —	$ 150,000	$ 25,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 89,907	Greater Downtown TIF	$ —	$ 150,000	$ 25,000	$ —	$ —	$ —
		G.O. Debt (GDTIF)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 89,907	TOTAL	$ —	$ 150,000	$ 25,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

As follow-up to the Central Avenue Streetscape Master Plan, this project will provide funds for implementation of recommendations in the plan, such as transit stops, beautification efforts, etc. in the area between 11th and 22nd Streets. The 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 by creating a more pedestrian-friendly corridor and attracting residents from other areas of the community. It is anticipated that this project may have an impact on operating costs associated with infrastructure improvements. However, these costs will likely be integrated into the budgets of other departments whose staff will be maintaining these improvements. Engineering is submitting a request for FY22 funds for a traffic study and for streetscape design. This FY23 request will purchase amenities identified in the design phase.

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded by Sales Tax Fund (20%), DRA, and Greater Downtown TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Dubuque Industrial Center South Signs	FY 2018	$ 80,465
			ACTIVITY NO:	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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	$ —	$ —

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. 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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded through DICW TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Dubuque Industrial Center McFadden Signs	FY 2018	$ 50,000
			ACTIVITY NO: 360-2725	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		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	$ —	$ —

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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded through DICW TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	Development of Graf Properties	FY 2018 ACTIVITY NO:	$ 217,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Professional Services	$ —	$ —	$ —	$ —	$ 217,000	$ —
		Construction	$ —	$ —	$ —	$ —	$ —	$ 2,000,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 217,000	$ 2,000,000
		B. PROJECT FINANCING						
		DICW TIF	$ —	$ —	$ —	$ —	$ 217,000	$ 2,000,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ —	$ —	$ —	$ 217,000	$ 2,000,000

PROJECT DESCRIPTION/JUSTIFICATION

This project would continue construction in Dubuque Industrial Center West, including grading and road construction on the property referred to as Graf Farm. In 2015, the City acquired farmland known as the Graf Farm, as well as the McFadden Farm. The property is being leased for agricultural purposes until it is needed for commercial/industrial growth. The focus to date has been on development in the McFadden Farm area. This project plans for funding that will be needed when the McFadden area is fully developed and/or when a parcel in the Graf area is better suited to a potential development.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
60 - Economic Development	5C - Community & Economic Development	South Port Master Plan Implementation	2021 ACTIVITY NO:	$ 215,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ —	$ 200,000	$ —	$ —	$ —	$ —
		Engineering	$ —	$ 15,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 215,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		EPA Construction Funds	$ —	$ 200,000	$ —	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ —	$ 15,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 215,000	$ —	$ —	$ —	$ —
		C. IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ —	$ —	$ 1,000	$ 1,000	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide predevelopment funding for public improvements in the South Port. Following an EPA Area Wide Planning grant in the South Port, the area is now ready for redevelopment. The approach that has created recognizable success in both the North Port and Historic Millwork District was to make public improvements on the front end of the redevelopment. Relatively moderate public investment has led to significant private investment. The North Port initial improvements included burying the flood wall, creating the Riverwalk, and construction of the hotel and conference center. Construction dollars are included in this project to support the contaminated site cleanup activities as part of the EPA multipurpose grant. Future activities could include undertaking such projects as creation of a river walk, replacement of underground utilities, and construction of streets.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the South Port Bury Flood Wall Feasibility Study which should be funded before this 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, bandwidth redundancy.

FUNDING RESTRICTIONS

This project may only be funded by EPA grant funds, Sales Tax Fund (20%), and DRA Distribution/Gaming.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
53 - Transportation Services	8C - Business Type	Vehicle Replacement	FY 2018	
			ACTIVITY NO: 600-1222	
			102-1224 600-1224	$ 6,355,919

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 1,582,400	Vehicle - MiniBus - Light Duty	$ 125,223	$ 383,182	$ 100,000	$ 298,997	$ 887,507	$ —
$ 228,501	$ 1,595,056	Vehicle - Fixed-Route - Heavy	$ 435,053	$ —	$ —	$ —	$ —	$ 905,257
		Electric	$ 720,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 228,501	$ 3,177,456	TOTAL	$ 1,280,276	$ 383,182	$ 100,000	$ 298,997	$ 887,507	$ 905,257
		B. PROJECT FINANCING						
	$ 260,000	Sales Tax Fund (30%)	$ —	$ —	$ —	$ —	$ —	$ —
	$ 569,482	G.O. Debt (Sales Tax Fund 20%)	$ —	$ —	$ —	$ —	$ —	$ —
	$ 368,302	DRA Distribution	$ 382,025	$ 383,182	$ —	$ 298,997	$ 887,507	$ 905,257
$ 228,501	$ 1,939,672	FTA Grant	$ 711,050	$ —	$ —	$ —	$ —	$ —
		Sales Tax Fund (20%)	$ 187,201	$ —	$ 100,000	$ —	$ —	$ —
	$ 40,000	Salvage Sales	$ —	$ —	$ —	$ —	$ —	$ —
$ 228,501	$ 3,177,456	TOTAL	$ 1,280,276	$ 383,182	$ 100,000	$ 298,997	$ 887,507	$ 905,257

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 a 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. Minibusses 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 avoid delays in service or inoperable wheelchair lifts.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2018	TOTAL PROJECT COST
53 - Transportation Services	8C - Business Type	Vehicle Replacement	ACTIVITY NO:	600-1222 600-1224	$ 6,355,919

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 Service worker based on the interior, exterior, engine, electrical, suspension, structure, lift safety system conditions. Vehicles with lower scores will be replaced first. In FY2020 funds are requested for the 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 bus, unit will be 10 years at replacement. F2025: replacement of 2 light-duty buses, units will be 4 years at replacement (The MiniBus bus category has a 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 may only be funded by Sales Tax Fund (20%), and DRA funding. The project may be eligible for state and federal grant funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2016	TOTAL PROJECT COST
53 - Transportation Services	8C - Business Type	Bus Stop Improvements	ACTIVITY NO:	600-2235 260-2235	$ 165,332

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 11,274	Construction	$ 27,310	$ 3,938	$ 11,262	$ 11,487	$ 11,717	$ 11,951
	$ 24,074	Equipment	$ 7,570	$ 3,000	$ 22,737	$ 3,000	$ 3,000	$ 24,129
	$ 3,184	Engineering Services	$ 8,192	$ 3,312	$ 3,314	$ 3,446	$ 3,515	$ 3,585
$ —	$ 38,532	TOTAL	$ 43,072	$ 10,250	$ 37,313	$ 17,933	$ 18,232	$ 39,665
		B. PROJECT FINANCING						
	$ 20,730	CDBG	$ 22,272	$ 10,250	$ 19,124	$ 17,933	$ 18,232	$ 20,362
	$ 17,802	PTIG State Funding (80%)	$ —	$ —	$ 18,189	$ —	$ —	$ 19,303
		FTA Grant	$ 20,800	$ —	$ —	$ —	$ —	$ —
$ —	$ 38,532	TOTAL	$ 43,072	$ 10,250	$ 37,313	$ 17,933	$ 18,232	$ 39,665

PROJECT DESCRIPTION/JUSTIFICATION

These projects will continue to improve and meet our expectations as a city by providing the best quality of standards that we can. We will be adding shelters to more stops and providing better shelters or updating the current shelters that are already in place. We will also be looking into solar lighting for several stops. We will be updating the accessibility for our passengers as well as being in ADA compliance.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
46 - Transportation Services Parking Division	8C - Business Type	Parking Ramp Condition Assess and Maintenance Plan	FY 2013 ACTIVITY NO: 730-2046 360-2046	$ 232,649

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ 60,000	$ 60,000	$ 60,000	$ —	$ —	$ —
		Engineering Services	$ 12,000	$ 8,000	$ 8,000	$ —	$ —	$ —
$ 21,700	$ 2,949	Construction	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,700	$ 2,949	TOTAL	$ 72,000	$ 68,000	$ 68,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ 72,000	$ 68,000	$ 68,000	$ —	$ —	$ —
$ 21,700	$ 2,949	Parking Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,700	$ 2,949	TOTAL	$ 72,000	$ 68,000	$ 68,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides for completing a structural condition assessment and preventative maintenance plan by a licensed professional engineer for each parking structure that the city owns. Focusing on needed preventative maintenance is the best way to reduce overall ramp repair costs and to maximize the service life of the structure. Funding in FY22 is for the assessment of the Iowa and Locust Street Ramps, FY23 funding is for the assessment of the Five Flags and 5th Street Ramps, FY24 funding is for the assessment of the 10th & Central and Intermodal Parking Ramps.

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 Parking Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
46 - Transportation Services Parking Division	8C - Business Type	Bus DC Charging Stations	2020 ACTIVITY NO: 360-2937	$ 273,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consulting Services	$ 50,000	$ —	$ —	$ —	$ —	$ —
		Engineering Services	$ 8,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ 215,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 273,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Federal Grant	$ 79,000	$ —	$ —	$ —	$ —	$ —
		Greater Downtown TIF	$ 194,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 273,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project advances the City's public/private partnership with Alliant Energy and helps achieve the City's greenhouse gas reduction plan established by the recent Climate Action Plan Update by installing several solar-powered fast charge DC charging stations at the JOTC. The Transportation Services Department has a current grant with the Federal Transit Administration that funds the purchase of new electric buses. This project is needed to fund the charging stations for the new electric buses.

RELATIONSHIP TO OTHER PROJECTS

DC Charging Stations at the Municipal Service Center

OUTCOME

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

FUNDING RESTRICTIONS

This project may only be funded by Federal Grants or Greater Downtown TIF

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
46 - Transportation Services Parking Division	8C - Business Type	New Downtown Parking Ramp	FY 2010	$ 19,496,318
			ACTIVITY NO: 730-1671	
			360-1671	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 19,464	$ 29,000	Consulting Services	$ 950,000	$ —	$ —	$ —	$ —	$ —
		ROW Acquisition	$ 2,169,000	$ —	$ —	$ —	$ —	$ —
	$ 319,854	Construction	$ 896,000	$ 8,973,000	$ 6,000,000	$ —	$ —	$ —
		Engineering Services	$ 35,000	$ 105,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 19,464	$ 348,854	TOTAL	$ 4,050,000	$ 9,078,000	$ 6,000,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 19,464	$ 348,854	Parking Construction Fund	$ —	$ —	$ —	$ —	$ —	$ —
		GDTIF G.O. Debt	$ 4,050,000	$ 9,078,000	$ 6,000,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 19,464	$ 348,854	TOTAL	$ 4,050,000	$ 9,078,000	$ 6,000,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project funds the construction of a new downtown parking structure. The final site location will be selected based on best serving upcoming, mixed-use redevelopment in the Historic Millwork District and downtown Main Street areas. The project schedule requires the parking structure to be functional by December 2023.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
46 - Transportation Services Parking Division	8C - Business Type	Smart Parking System	2021 ACTIVITY NO: 360-2936	$ 1,858,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Construction	$ 215,000	$ 335,000	$ 345,000	$ 350,000	$ 352,000	$ —
		Consultant Services	$ 150,000	$ 30,000	$ 20,000	$ 15,000	$ —	$ —
		Engineering Services	$ 14,000	$ 8,000	$ 8,000	$ 8,000	$ 8,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 379,000	$ 373,000	$ 373,000	$ 373,000	$ 360,000	$ —
		B. PROJECT FINANCING						
		Greater Downtown TIF	$ 379,000	$ 151,000	$ 373,000	$ 373,000	$ 260,000	$ —
		G.O. Debt (GDTIF)	$ —	$ 222,000	$ —	$ —	$ 100,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 379,000	$ 373,000	$ 373,000	$ 373,000	$ 360,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project funds the replacement in FY22 of gate equipment in three parking garages where the existing equipment has reached the end of service life and needs to be replaced in the short term to maintain reliability and data security. FY22 also funds the installation of head end equipment that will form the backbone of a phased installation of smart parking technology eventually to be deployed at all parking garages and public parking lots in Dubuque over the next several years. A smart parking system will provide parking customers with on-demand space availability and thus maximize traveler convenience, reduce travel time and reduce congestion in the downtown area.

RELATIONSHIP TO OTHER PROJECTS

STREETS Grant

OUTCOME

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

FUNDING RESTRICTIONS

This project is restricted to the Parking Construction Fund.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
46 - Transportation Services Parking Division	8C - Business Type	Municipal Parking Lot Maintenance	FY 2010	
			ACTIVITY NO: 730-1380	
			360-1380	$ 169,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 29,905	$ 75,095	Construction	$ 10,000	$ 10,000	$ 10,000	$ 10,000	$ —	$ —
		Engineering Services	$ 6,000	$ 6,000	$ 6,000	$ 6,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 29,905	$ 75,095	TOTAL	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ —	$ —
		B. PROJECT FINANCING						
$ 29,905	$ 75,095	Greater Downtown TIF	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 29,905	$ 75,095	TOTAL	$ 16,000	$ 16,000	$ 16,000	$ 16,000	$ —	$ —

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 pavement crack sealing, 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

Streets - Pavement Preservation Program

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.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
53 - Transportation Services Parking Division	8C - Business Type	Port of Dubuque Ramp - Major Maintenance	FY 2013 ACTIVITY NO: 730-2162	$ 526,120

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 21,700	$ 81,305	Construction	$ 81,305	$ 82,931	$ 84,590	$ 86,282	$ 88,007	$ 89,768
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,700	$ 81,305	TOTAL	$ 81,305	$ 82,931	$ 84,590	$ 86,282	$ 88,007	$ 89,768
		B. PROJECT FINANCING						
$ 21,700	$ 81,305	Private Participant	$ 81,305	$ 82,931	$ 84,590	$ 86,282	$ 88,007	$ 89,768
			$ —	$ —	$ —	$ —	$ —	$ —
$ 21,700	$ 81,305	TOTAL	$ 81,305	$ 82,931	$ 84,590	$ 86,282	$ 88,007	$ 89,768

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. Funding in FY22 includes $30,000 for completion of a structural condition assessment and maintenance plan, along with $100,000 for crack sealing of the ground floor deck which will keep salt corrosion from accelerating the deterioration of the deck itself.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Assistance for Homeownership	FY 2017	$6,593,538
			ACTIVITY NO: 360-1595	
			101-1595	

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 104,188	Loans	$ —	$ —	$ —	$ —	$ —	$ —
	$ 6,252	Property Maintenance	$ 5,000	$ 7,782	$ 7,782	$ 7,782	$ 7,782	$ 7,782
	$ 354,817	Construction	$ 81,629	$ 349,940	$ 454,464	$ 954,154	$ 426,361	$ 502,240
$ 391,882	$ 202,851	Property Acquisition	$ 50,000	$ 430,000	$ 540,000	$ 540,000	$ 500,000	$ 500,000
	$ 87,000	Grants	$ 58,000	$ 256,218	$ 256,218	$ 256,218	$ 257,218	$ 257,218
$ —	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ 391,882	$ 755,108	TOTAL	$ 194,629	$ 1,043,940	$ 1,258,464	$ 1,758,154	$ 1,191,361	$ 1,267,240
		B. PROJECT FINANCING						
$ 328,340	$ 492,920	Housing TIF	$ 131,629	$ 779,940	$ 994,464	$ 1,494,154	$ 926,361	$ 1,002,240
$ 3,043	$ 3,000	Loan Repayments	$ 3,000	$ 4,000	$ 4,000	$ 4,000	$ 5,000	$ 5,000
	$ 155,000	Sales Proceeds	$ 60,000	$ 260,000	$ 260,000	$ 260,000	$ 260,000	$ 260,000
$ 60,499		Greater Downtown TIF	$ —	$ —	$ —	$ —	$ —	$ —
	$ 104,188	DRA Distribution	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 391,882	$ 755,108	TOTAL	$ 194,629	$ 1,043,940	$ 1,258,464	$ 1,758,154	$ 1,191,361	$ 1,267,240

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment or CHANGE Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and homeownership. Under the umbrella of CHANGE, this initiative provides funding towards the City's strategy of revitalization for the downtown neighborhoods and centers on increasing homeownership. 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2017	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Assistance for Homeownership	ACTIVITY NO:	360-1595 101-1595	$6,593,538

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 the restoration of the home. This program can help to expand the Four Mounds HEART program partnership. This CIP will also significantly enhance GHHI. This is a ten-year TIF which requires 38.1% 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 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 is related to the True North Neighborhood Reinvestment Partnership (#360-2766).

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Lead Based Paint Hazard Control	FY 1997 ACTIVITY NO: 275-2429	$2,152,050

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 158,161	$ 841,839	Loans - LBPHC	$ 600,000	$ —	$ —	$ —	$ —	$ —
	$ 352,050	Grants - LBPHC	$ 200,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 158,161	$ 1,193,889	TOTAL	$ 800,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 150,661	$ 1,178,889	HUD Lead Grant	$ 785,000	$ —	$ —	$ —	$ —	$ —
$ 7,500	$ 15,000	Private Participant	$ 15,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 158,161	$ 1,193,889	TOTAL	$ 800,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment or CHANGE Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and homeownership. Under the umbrella of CHANGE, 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 275-2429	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Lead Based Paint Hazard Control		$2,152,050

OUTCOME
Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide.

FUNDING RESTRICTIONS
This project may only be funded by the Federal Housing & Urban Development Department.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Lead Paint Abatement Program Grant Match	FY 1997 ACTIVITY NO: 260-1232	$ 251,499

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 142,367	Grants	$ 102,332	$ —	$ —	$ —	$ —	$ —
$ 6,800		Loans	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 6,800	$ 142,367	TOTAL	$ 102,332	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 6,800	$ 142,367	CDBG	$ 102,332	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 6,800	$ 142,367	TOTAL	$ 102,332	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment or CHANGE Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and homeownership. Under the umbrella of CHANGE, 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 related to the Lead Based Paint Hazard Control Program (#275-2429) and must be funded in the same fiscal year as that project.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 1997 ACTIVITY NO: 260-1232	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Lead Paint Abatement Program Grant Match		$ 251,499

OUTCOME

Livable Neighborhoods and Housing: Have safe, healthy, inclusive neighborhoods citywide.

FUNDING RESTRICTIONS

This project may only be funded by CDBG Grant.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Neighborhood Reinvestment Partnership	FY 2019 ACTIVITY NO: 360-2766	$1,776,196

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 535,734	$ 312,482	Construction	$ 300,000	$ 300,000	$ 300,000	$ —	$ —	$ —
$ 27,980		Loans	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 563,714	$ 312,482	TOTAL	$ 300,000	$ 300,000	$ 300,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 563,714	$ 312,482	Housing TIF	$ 300,000	$ 300,000	$ 300,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 563,714	$ 312,482	TOTAL	$ 300,000	$ 300,000	$ 300,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This Program provides for acquisition activities to purchase abandoned, derelict buildings and houses. 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 for homeownership. 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%. It is anticipated that this program will allow for the acquisition, renovation and sale of 30 residential properties for long-term homeownership over 5-7 years with an estimated $30,000 construction subsidy per property.

RELATIONSHIP TO OTHER PROJECTS

This project is related to Assistance for Homeownership Project (#360-1595/#101-1595) and the Homeowner Rehab Program (#260-1065/#270-1065).

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:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Washington Neighborhood Homebuyer Program	FY 2005 ACTIVITY NO: 268-1021	$ 2,166,655

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 132,217	$ 730,405	Loans	$ 141,283	$ 141,283	$ 141,283	$ 141,283	$ 141,283	$ 141,283
$ 43,417	$ 104,201	Loans (Repayments)	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000
		Loans (GDTIF match)	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
$ 175,634	$ 834,606	TOTAL	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 231,283
		B. PROJECT FINANCING						
$ 153,320	$ 764,606	IFA Trust	$ 141,283	$ 141,283	$ 141,283	$ 141,283	$ 141,283	$ 141,283
$ 22,314	$ 20,000	IFA Trust Loan Repayments	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000	$ 40,000
	$ 50,000	Greater Downtown TIF	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 175,634	$ 834,606	TOTAL	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 231,283	$ 231,283

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or CHANGE. The initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and homeownership. Under the umbrella of CHANGE, the Washington Neighborhood Homebuyer 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 homebuyer programs 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 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 are 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 the rehabilitation of their property. All loans are 0% interest and repayments will depend on the gross income of the household. The HOME Workshop is a requirement for all participants. The new boundaries are 11th Street to 32nd Street; Elm Street to Central Avenue.

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Homeowner Rehabilitation Program	FY1978	
			ACTIVITY NO: 260-1065	
			270-1065	$ 1,447,767

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 132,416	$ 239,565	Loans (CDBG-Homeowner)	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000	$ 95,000
		Loans (CDBG-Home Repair)	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
		Loans (RRP Repayments)	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
$ 40,803	$ 252,274	Construction	$ —	$ —	$ —	$ —	$ —	$ —
$ 5,981	$ 1,728	Utilities	$ —	$ —	$ —	$ —	$ —	$ —
$ 179,200	$ 493,567	TOTAL	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000
		B. PROJECT FINANCING						
$ 179,200	$ 363,784	RRP Repayments	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
	$ 129,782	CDBG	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000	$ 125,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 179,200	$ 493,566	TOTAL	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000	$ 155,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or CHANGE Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of CHANGE, 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 HOME Workshop is a requirement for all participants. The total portfolio of all housing lending programs is now 272 loans with a current balance of $1.875 million.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY1978	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	Homeowner Rehabilitation Program	ACTIVITY NO:	260-1065 270-1065	$ 1,447,767

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	First-Time Home Buyer Program	FY 1999 ACTIVITY NO: 260-1234	$ 348,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 45,000	$ 60,000	Loans	$ 43,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 45,000	$ 60,000	TOTAL	$ 43,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
		B. PROJECT FINANCING						
$ 45,000	$ 60,000	CDBG	$ 43,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 45,000	$ 60,000	TOTAL	$ 43,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or CHANGE Initiative is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing and homeownership. Under the umbrella of CHANGE, 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 2020, loan repayments for First-Time Homebuyer Program were $73,743.

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, Sales Tax Fund (20%), or DRA Distribution)

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 $ 525,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
$ 75,000	$ 250,000	Loans	$ —	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
$ 75,000	$ 250,000	TOTAL	$ —	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
		B. PROJECT FINANCING						
$ 75,000	$ 250,000	CDBG	$ — $ —	$ 50,000 $ —	$ 50,000 $ —	$ 50,000 $ —	$ 50,000 $ —	$ 50,000 $ —
$ 75,000	$ 250,000	TOTAL	$ —	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or CHANGE Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE is a campaign of neighborhood revitalization and an extension of sustainability to specifically address marginal properties, affordable housing, and homeownership. Under the umbrella of CHANGE, 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. 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. 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
61 - Housing & Community Development	5C - Community & Economic Development	HUD National Disaster Resiliency Competition	FY 2017 ACTIVITY NO: 264-2690	$ 3,480,490

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 1,663,880	$ 666,046	Construction	$ 674,000	$ —	$ —	$ —	$ —	$ —
$ 403,295		Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
$ 73,269		Engineering Services	$ —	$ —	$ —	$ —	$ —	$ —
$ 2,140,444	$ 666,046	TOTAL	$ 674,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
$ 2,140,444	$ 666,046	HUD NDRC Grant	$ 674,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 2,140,444	$ 666,046	TOTAL	$ 674,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Comprehensive Housing Activities for Neighborhood Growth and Enrichment, or CHANGE Initiatives is a holistic approach to sustainability that addresses ecological, environmental integrity, economic prosperity, and social/cultural vibrancy. CHANGE 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 CHANGE, 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 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: Credit Repair Program			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 260-2926		TOTAL PROJECT COST $ 500,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Pay to Other Agency	$ 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						
		CDBG	$ 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 creates a credit repair program that is comprehensive, to help people qualify for loans to increase homeownership. A low credit score is one of the largest barriers to receiving a conventional loan to purchase a home for non-white persons. This program would consist of credit counseling and upon completion of certain milestones, participants would receive direct financial assistance to repair credit. Additionally, through a credit counseling program, credit consolidation and other methods to immediately improve a credit score will be provided.

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 can be funded by Housing TIF, CDBG and General Fund

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Windows Replacement Program			YEAR FIRST SUBMITTED: 2021 ACTIVITY NO: 260-2927		TOTAL PROJECT COST $ 100,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
		B. PROJECT FINANCING						
		CDBG	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000	$ 20,000

PROJECT DESCRIPTION/JUSTIFICATION

This Project provides financial assistance to low-moderate income homeowners and property owners who rent to low-moderate income persons, to replace windows used as Emergency Escape and Rescue Openings that do not meet City Code. Bedrooms require two means of escape in the event of a fire or other emergency and have certain dimension requirements to allow for a human to pass through the opening safely. Some homes have windows that were replaced and did not meet the code upon replacement. Replacement of these windows average $400 and can be too much of a cost burden for low-moderate income persons to replace. For the safety of those residents, this program assists with the cost of materials (window) and labor for homeowners, and the cost of materials only for property owners in a rental unit. $20,000 should provide for approximately 50 window replacements per year.

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 can be funded by Housing TIF, CDBG or General Fund

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Visiting Nurse Association Assistance at New Location			YEAR FIRST SUBMITTED: 2019 ACTIVITY NO: 260-2866		TOTAL PROJECT COST $ 60,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Pay to Other Agency	$ 20,000	$ 20,000	$ 20,000	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		CDBG	$ 20,000	$ 20,000	$ 20,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 20,000	$ 20,000	$ 20,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The Visiting Nurses Association renovated a new location that provided a more accessible location for the City of Dubuque residents. To keep this important organization in an accessible area, the City of Dubuque committed to providing rent assistance at the new location for five years. This relieves the burden on the City to transport vulnerable residents to an alternative location being considered on the west end of the City to receive care. The VNA continues to be a great partner during COVID-19 and assists wherever the City has asked during the pandemic.

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 with CDBG or General Fund.

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Aquaponic Systems for Food Deserts			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 260-2928		TOTAL PROJECT COST $ 90,958
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 90,958	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,958	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		CDBG	$ 90,958	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 90,958	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding to construct aquaponic systems throughout the City of Dubuque in CDBG census tracts. These aquaponic systems can be small or large depending on the size of the lot available. They will be constructed on vacant/distressed lots to provide a new sense of space in the neighborhood. An aquaponic system is a raised trough or pond like structure that contains fish, duck weed, bugs, and vegetable plants. The fish eat the duckweed and bugs, and their waste feeds the plants. The plants and rocks clean the water to sustain the fish, and vegetables/fish are provided to residents for free. Aquaponic systems are self-sustaining and only require watering occasionally so they do not require additional operating resources from the City of Dubuque once constructed. However, neighborhood volunteers would be sought to oversee the plants, the fish, and the area to ensure it remains a neighborhood asset and a place to come together to provide for each other. This project is mirrored after the Nile Valley Project in Kansas City, Missouri which is now undergoing a million-dollar expansion and is already providing hundreds of pounds of food to residents a year. Some construction will be different for winterization, but overall, the concept is the same.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Sustainable Environment: Have access to healthy foods for all

FUNDING RESTRICTIONS

This project may only be funded by CDBG and General Fund

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Neighborhood Broadband			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 260-2929		TOTAL PROJECT COST $ 100,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Construction	$ 100,000	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		CDBG	$ 100,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project provides funding for broadband wireless access in select low-moderate income neighborhoods. This access would be free wifi in select neighborhoods with an option for in-home hook-ups for a very low price. This system is intended to provide free wifi to low-moderate income neighborhoods and additional bandwidth wifi to homes with low-moderate income persons. The goal is to increase access to the internet to pay bills, connect with government, obtain higher education, work from home, and provide access for children to the Dubuque Community School District.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Partnership for a Better Dubuque: Advocate for the Dubuque community and City at state and federal levels.

FUNDING RESTRICTIONS

This project may only be funded by CDBG or General Fund

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Childcare Assistance			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 260-2930		TOTAL PROJECT COST $ 50,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Pay to Other Agency	$ 50,000	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 50,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		CDBG	$ 50,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 50,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION
Planning & Engineering for a childcare center

RELATIONSHIP TO OTHER PROJECTS
This project is not related to other capital projects.

OUTCOME
Vibrant Community: 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 may only be funded by CDBG and General Fund

DEPARTMENT: 61 - Housing & Community Development		STATE PROGRAM: 5C - Community & Economic Development	PROJECT TITLE: Historic Preservation Revolving Loan Fund			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 265-2931		TOTAL PROJECT COST $ 35,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Loans	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
$ —	$ —	TOTAL	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
		B. PROJECT FINANCING						
		UDAG Loan Repayments	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000	$ 7,000

PROJECT DESCRIPTION/JUSTIFICATION

This program was created as 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 district and acts as an incentive to maintain and improve the community's architectural heritage.

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 UDAG Loan Repayments

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
62 - Planning Services	5C - Community & Economic Development	Historic Preservation Technical Assistance Program	FY 2012 ACTIVITY NO: 102-2431	$ 50,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 5,000	Consultant Services	$ 5,000	$ 15,000	$ 5,000	$ 5,000	$ 15,000	$ 5,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 5,000	TOTAL	$ 5,000	$ 15,000	$ 5,000	$ 5,000	$ 15,000	$ 5,000
		B. PROJECT FINANCING						
		State Grant	$ —	$ 10,000	$ —	$ —	$ 10,000	$ —
	$ 5,000	DRA Distribution	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000	$ 5,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 5,000	TOTAL	$ 5,000	$ 15,000	$ 5,000	$ 5,000	$ 15,000	$ 5,000

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

Partnership for a Better Dubuque: Advocate for the Dubuque community and City at state and federal levels.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	FIRST YEAR SUBMITTED	TOTAL PROJECT COST
72-City Manager's Office Public Information Office	6C - General Government	Aerial Orthophotography	FY 2011 ACTIVITY NO: 102-1070	$405,071

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 16,712	$ 178,859	Consultant Services	$ 7,500	$ —	$ 7,500	$ —	$ 7,500	$ —
		Aerial Photography	$ 60,000	$ —	$ 62,000	$ —	$ 65,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,712	$ 178,859	TOTAL	$ 67,500	$ —	$ 69,500	$ —	$ 72,500	$ —
		B. PROJECT FINANCING						
$ 16,712	$ 143,788	DRA Distribution	$ 67,500	$ —	$ 69,500	$ —	$ 72,500	$ —
	$ 35,071	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 16,712	$ 178,859	TOTAL	$ 67,500	$ —	$ 69,500	$ —	$ 72,500	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Initial funding for this project, including consultant services, control and monumentation, aerial photography, and quality control/assurance for this project was provided in FY19 and completed in the Summer of 2020. 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 by 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
72 - City Manager's Office	6C - General Government	Community Green House Gas Inventory and Climate Action Planning	FY 2018 ACTIVITY NO: 101-2682	$222,500

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 36,501	$ 85,999	Service Contract	$ —	$ 50,000	$ —	$ —	$ 50,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 36,501	$ 85,999	TOTAL	$ —	$ 50,000	$ —	$ —	$ 50,000	$ —
		B. PROJECT FINANCING						
$ 36,501	$ 63,499	DRA Gaming	$ —	$ 50,000	$ —	$ —	$ 50,000	$ —
	$ 22,500	Sales Tax Fund (20%)	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 36,501	$ 85,999	TOTAL	$ —	$ 50,000	$ —	$ —	$ 50,000	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide funding for the City to hire a consultant to update the community's greenhouse gas (GHG)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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
72 - City Manager's Office	6C - General Government	Downtown Urban Renewal Area Non-Profit Accessibility Assistance Program	FY 2020 ACTIVITY NO: 360-2802	$ 700,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ —	$ 200,000	Construction	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 200,000	TOTAL	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
		B. PROJECT FINANCING						
$ —	$ 200,000	Greater Downtown TIF	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 200,000	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

Vibrant Community: 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 may only be funded by Sales Tax Fund (20%), DRA Distribution/Gaming, or TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
72 - City Manager's Office	6C - General Government	Innovative & Entrepreneurial City Facilities & Service Delivery Study	2021 ACTIVITY NO: 101-2932	$75,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant Services	$ 75,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 75,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Gaming	$ 75,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 75,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Many of the City's departments are located in the downtown area and provide customer service functions t residents on a daily basis. With the recent unfreezing of staff positions in multiple departments and the return to former staffing service levels, needs for employee workspace are again becoming a challenge. Additionally, the way we work, including the need for more collaborative spaces and the ability to accommodate work from home, has changed drastically as a result of COVID and other factors. Typically, departments have grown over time within their assigned home office buildings to expand into underutilized space that is immediately available. This approach often has the cheapest first cost but does not consider the bigger picture - is this the most effective way for a particular department to function. This study will look at the core public facing services provided by City departments located in the greater downtown area, with the most focus on City Hall, City Hall Annex, and the Historic Federal Building. The study will examine how departments currently serve customers, which type of customer service exchanges often involve multiple departments, what are the current department shortfalls in being able to serve customers efficiently and effectively, how can the adoption of innovative and entrepreneurial business strategies improve customer experiences and reduce the need for fixed work areas, is each City department providing equitable access to external and internal customers, how departments envision changing or growing to better meet current and future customer service needs and how departments interact with each other on a regular basis to collaborate on assigned work. Lastly the study will consider how city staff interact with other non-profit organizations in the downtown area to create a delivery of service flow that best benefits all residents of Dubuque.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Provide City services responsive to the community.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
72 - City Manager's Office	6C - General Government	Downtown Urban Renewal Area Non-Profit Weatherization Improvements Assistance	FY 2020 ACTIVITY NO: 360-2807	$650,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 200,000	Construction	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 200,000	TOTAL	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ —
		B. PROJECT FINANCING						
	$ 200,000	Greater Downtown TIF	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 200,000	TOTAL	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 50,000	$ —

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 have been developed.

RELATIONSHIP TO OTHER PROJECTS

This project is related to the Downtown URA Non-Profit Accessibility Assistance Program (CIP #3602802).

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: 72-City Manager's Office		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Renew DBQ: Low-income solar pilot project			YEAR FIRST SUBMITTED: 2021 ACTIVITY NO:		TOTAL PROJECT COST $80,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		SREC Market	$ —	$ 80,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 80,000	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		CDBG	$ —	$ 80,000	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ —	$ 80,000	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

A pilot project to help low-income homeowners access solar technology. This project highlights the three-part approach to sustainability by offering a reduction in monthly bills to low income (L/I) families, an economic multiplier effect and helps the City to reach its 50% by 2030 greenhouse gas reduction goals. The pilot will identify L/I homeowners, assist with financing and offset the cost of solar technology by creating a local, L/I Solar Renewable Energy Credit (SREC) market in Dubuque. The estimated solar installment would be 5kW and would cost the homeowner ~$2200 and offer approximately $1000 a year in cost savings on their electricity bills. The majority of this funding would be used to cover the cost of the inflated SREC price, which would be the accessibility point for L/I homeowners. If the state of Iowa decides in the future to create an SREC market with a solar carve-out; the City could make significant returns on the investment.

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 DRA/Gaming, CDBG, TIF, and Sales Tax Fund (20%)

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
72 - City Manager's Office	1C - Public Safety	Downtown ADA Assistance	FY 2017 ACTIVITY NO: 360-2424	$ 195,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 15,000	$ 30,000	Construction	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 15,000	$ 30,000	TOTAL	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
		B. PROJECT FINANCING						
$ 15,000	$ 30,000	Greater Downtown TIF	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000	$ 30,000
			$ —	$ —	$ —	$ —	$ —	$ —
$ 15,000	$ 30,000	TOTAL	$ 30,000	$ 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

Vibrant Community: 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 may only be funded by Sales Tax Fund (20%), DRA Distribution/Gaming, or TIF.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
74 - Finance	6C - General Government	General Ledger Software	FY 2016	
			ACTIVITY NO: 350-1025	
			360-1025	$1,268,403

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 250,000	Software	$ 859,903	$ —	$ —	$ —	$ —	$ —
$ 87,500	$ 71,000	Consultant Services	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ 87,500	$ 321,000	TOTAL	$ 859,903	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 250,000	Sales Tax Fund (20%)	$ 813,509	$ —	$ —	$ —	$ —	$ —
		Greater Downtown TIF	$ 46,394	$ —	$ —	$ —	$ —	$ —
$ 87,500	$ 71,000	General Fund	$ —	$ —	$ —	$ —	$ —	$ —
$ 87,500	$ 321,000	TOTAL	$ 859,903	$ —	$ —	$ —	$ —	$ —
		C: IMPACT - OPERATIONS						
		Operating Cost (Savings)	$ 213,608	$ —	$ —	$ —	$ —	$ —

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. The planning process to begin selecting a new enterprise resource planning (ERP) financial system began in Fall 2019. Based on research, the selection and implementation of a new system will take approximately 3 years. The first six months will entail reviewing and revising business processes (January - June 2020). The next six months will focus on determining what is needed in the ERP and writing an RFP, doing software demonstrations, and selecting a vendor (July - December 2020). The second year will involve implementation of the main financial core of the system (January 2021 - January 2022). The third and final year will include implementation of the human resources module and other modules of the system (February 2022 - February 2023). Due to the highly technical and complicated components of reviewing business processes, determining organizational readiness for implementation, determining the necessary components of the ERP system, writing an RFP, and selecting and implementing a software, the City has contracted with the Government Finance Officers Association Research and Consulting CEnter for ERP selection advisory services. The ERP selection advisory services include: (1) Project planning, including governance support, project plan, project documentation, and project management; (2) needs assessment and process analysis, including facilitation of business process mapping sessions; (3) developing RFP which includes determining the project scope; (4) evaluation and selection of a vendor, including software demos; and (5) contract negotiations.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED: FY 2016 ACTIVITY NO: 350-1025	TOTAL PROJECT COST
74 - Finance	6C - General Government	General Ledger Software		$1,087,500

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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2016	TOTAL PROJECT COST
74 - Finance	8C - Business Type	General Ledger Software	ACTIVITY NO:	670-1025	
			720, 740, 940	710-1025	$1,285,692

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Software	$ 1,285,692	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 1,285,692	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Solid Waste Collection Fund	$ 395,476	$ —	$ —	$ —	$ —	$ —
		Stormwater Construction Fund	$ 170,640	$ —	$ —	$ —	$ —	$ —
		Sanitary Sewer SRF Loan	$ 420,457	$ —	$ —	$ —	$ —	$ —
		Water Construction	$ 120,678	$ —	$ —	$ —	$ —	$ —
		Landfill	$ 178,441	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 1,285,692	$ —	$ —	$ —	$ —	$ —
		C: IMPACT - OPERATIONS						
		Operating Cost (Savings)						
		Operating Cost	$ 289,146	$ —	$ —	$ —	$ —	$ —

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. The planning process to begin selecting a new enterprise resource planning (ERP) financial system began in Fall 2019. Based on research, the selection and implementation of a new system will take approximately 3 years. The first six months will entail reviewing and revising business processes (January - June 2020). The next six months will focus on determining what is needed in the ERP and writing an RFP, doing software demonstrations, and selecting a vendor (July - December 2020). The second year will involve implementation of the main financial core of the system (January 2021 - January 2022). The third and final year will include implementation of the human resources module and other modules of the system (February 2022 - February 2023). Due to the highly technical and complicated components of reviewing business processes, determining organizational readiness for implementation, determining the necessary components of the ERP system, writing an RFP, and selecting and implementing a software, the City has contracted with the Government Finance Officers Association Research and Consulting CEnter for ERP selection advisory services. The ERP selection advisory services include: (1) Project planning, including governance support, project plan, project documentation, and project management; (2) needs assessment and process analysis, including facilitation of business process mapping sessions; (3) developing RFP which includes determining the project scope; (4) evaluation and selection of a vendor, including software demos; and (5) contract negotiations.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	FY 2016	TOTAL PROJECT COST
74 - Finance	8C - Business Type	General Ledger Software	ACTIVITY NO:	670-1025 710-1025	$1,285,692

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 City enterprise funds.

DEPARTMENT: 77 - Information Services	STATE PROGRAM: 8C - Business Type	PROJECT TITLE: City-Wide Computer and Printer Replacements	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
			ACTIVITY NO: 720, 710, 670 730, 810, 940 740-1069	$432,078

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 17,417	$ 8,750	Computer Tablets	$ 3,980	$ 10,520	$ 4,800	$ 3,980	$ 7,460	$ —
$ 65,599	$ 52,835	Computers	$ 14,000	$ 29,800	$ 79,038	$ 31,075	$ 13,600	$ —
	$ 1,200	Printers/Scanners/Plotter	$ 2,250	$ 2,250	$ 8,324	$ 250	$ 3,150	$ —
	$ 5,000	Servers	$ 30,500	$ 800	$ —	$ 35,500	$ —	$ —
$ 83,016	$ 67,785	TOTAL	$ 50,730	$ 43,370	$ 92,162	$ 70,805	$ 24,210	$ —
		B. PROJECT FINANCING						
$ 3,831	$ 5,368	Solid Waste Collection Fund	$ —	$ 1,840	$ 6,971.875	$ 5,568.75	$ 2,065	$ —
$ 10,366	$ 3,002	Transit Fund	$ —	$ 2,300	$ 14,103	$ —	$ 2,300	$ —
$ 7,137	$ 21,119	Stormwater Construction Fund	$ 5,460	$ 1,020	$ 21,992	$ 23,429	$ 3,245	$ —
$ 14,819	$ 4,538	Water Construction Fund	$ —	$ —	$ 6,688	$ 569	$ 225	$ —
$ 12,947	$ 3,002	Parking Construction Fund	$ —	$ 1,380	$ 21,821	$ —	$ 1,380	$ —
$ 10,387	$ 21,869	Sanitary Sewer Construction Fund	$ 250	$ 14,310	$ 18,386	$ 3,219	$ 475	$ —
$ 14,260	$ 4,400	Garage Service Fund	$ 2,200	$ 9,400	$ —	$ 6,600	$ 2,200	$ —
$ 9,270	$ 4,486	Landfill Fund	$ 42,820	$ 13,120	$ 2,200	$ 31,420	$ 12,320	$ —
$ 83,016	$ 67,785	TOTAL	$ 50,730	$ 43,370	$ 92,162	$ 70,806	$ 24,210	$ —

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 outpace 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 City enterprise funds.

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	City-Wide Computer and Printer Replacements	ACTIVITY NO: 300, 350 101, 102, 290 100-1069	$3,479,115

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
$ 5,451	$ 21,979	Computer Tablets	$ 56,780	$ 34,080	$ 21,980	$ 51,060	$ 33,160	$ —
$ 426,549	$ 228,514	Computers	$ 216,552	$ 162,725	$ 131,787	$ 122,525	$ 200,032	$ —
$ 4,192	$ 2,900	Printers/Scanners/Plotter	$ 1,000	$ 3,675	$ 5,000	$ 400	$ 3,500	$ —
$ 747	$ 364,036	Servers	$ 494,200	$ 182,500	$ 296,574	$ 158,600	$ 150,962	$ —
	$ 37,000	Software	$ 36,000	$ 14,000	$ 3,555	$ 7,100	$ —	$ —
$ 436,939	$ 654,429	TOTAL	$ 804,532	$ 396,980	$ 458,896	$ 339,685	$ 387,654	$ —
		B. PROJECT FINANCING						
$ 5,786		General Fund	$ —	$ —	$ —	$ —	$ —	$ —
$ 40,731	$ 208,926	Sales Tax Fund (20%)	$ 278,497	$ —	$ —	$ —	$ 130,739	$ —
$ 270,004	$ 435,727	DRA Distribution	$ 507,195	$ 385,780	$ 446,876	$ 321,445	$ 249,115	$ —
	$ 2,200	Sales Tax Fund (30%)	$ 13,240	$ 11,200	$ 7,420	$ 13,240	$ 2,200	$ —
$ 6,751	$ 3,070	Cable TV Fund	$ 5,600	$ —	$ 4,600	$ 5,000	$ 5,600	$ —
$ 104,861	$ 6	DRA Gaming	$ —	$ —	$ —	$ —	$ —	$ —
$ 8,805	$ 4,500	Road Use Tax						
$ 436,938	$ 654,429	TOTAL	$ 804,532	$ 396,980	$ 458,896	$ 339,685	$ 387,654	$ —

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 outpace 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 Sales Tax Funds, CDBG, and DRA Gaming/Distribution.

DEPARTMENT: 77 - Information Services		STATE PROGRAM: 6C - General Government	PROJECT TITLE: Data Vault			YEAR FIRST SUBMITTED: 2022 ACTIVITY NO: 350-2933		TOTAL PROJECT COST $ 200,000
2020 EXPENSE	**2021 BUDGET**	**PROJECT BUDGET**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
		A. EXPENDITURE ITEMS						
		Storage Service	$ 200,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 200,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 200,000	$ —	$ —	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 200,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

Ransomware poses a growing threat to both businesses and government agencies. Though no strategy can fully eliminate these risks, the ability to proactively create file backups that are protected, available and easily recovered. An example is EMC PowerProtect Cyber Recovery. This application automates workflows to protect and isolate critical data, identify suspicious activity and accelerate data recovery to allow you to quickly resume normal business operations. PowerProtect Cyber Recovery provides an automated air gap with data isolation and governance, CyberSense analytics, Machine Learning monitor data integrity, and Forensic tools to discover, diagnose and remediate ongoing attacks. PowerProtect Cyber Recovery solution assesses your systems, advises you on what should be included, designs your recovery processes and helps you implement a data vault. By isolating data in the data vault via the air gap, the organization can prevent critical data from getting infected during an attack when other data has been compromised. This known good data can be restored to quickly resume business operations.

RELATIONSHIP TO OTHER PROJECTS

This project is not related directly to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information and data, including personal information using "Best Practices."

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Network Security Risk Assessment	FY 2019	
			ACTIVITY NO: 102-2808	
			350-2808	$ 77,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 25,000	Consultant Services	$ 15,000	$ —	$ 15,000	$ —	$ —	$ —
	$ 22,000	Consulting Engineers	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,000	TOTAL	$ 15,000	$ —	$ 15,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 35,000	DRA Distribution	$ 10,000	$ —	$ 15,000	$ —	$ —	$ —
	$ 12,000	Sales Tax Fund (20%)	$ 5,000	$ —	$ —	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,000	TOTAL	$ 15,000	$ —	$ 15,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would address 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 "2019 Cost of Data Breach Study: Global Overview," the average cost for each lost or stolen record containing sensitive and confidential information is $150.This increase is 1.5% over the previous year and continues to grow. A majority of malious attacks can be attributed to human error and issues with systems such as lack of security patching. Although t$150 per record lost 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 $3.6 million in remediation and 279 days to identify, contain and recover from the breach. 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 and data, including personal information using "Best Practices."

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Layer 2 Redundant Network Switch	FY 2018 ACTIVITY NO: 102-2809 350-2809	$ 149,229

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 63,000	Equipment	$ 65,229	$ —	$ —	$ —	$ —	$ —
	$ 11,000	Design & Engineering	$ 10,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 74,000	TOTAL	$ 75,229	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 75,229	$ —	$ —	$ —	$ —	$ —
	$ 74,000	DRA Distribution	$ —	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 74,000	TOTAL	$ 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Upgrade Isilon Disk Storage System	FY2022 ACTIVITY NO: 350-2934	$ 250,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Disk Drive	$ 250,000	$ —	$ —	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 250,000	$ —	$ —	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ 250,000	$ —	$ —	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 250,000	$ —	$ —	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project would provide for upgrade of the "Isilon" portion of the city's storage area network systems at DLEC and City Hall Annex. The Isilon data lake storage environment was installed in 2017. The system consists of over 400 TB of data split between DLEC and the Annex. Critical data mirrors and is backed up between the locations. The drives have had one incremental upgrade of 127 Terabytes at the Annex in 2019 in conjunction with a backup solution. The current storage arrays cannot add storage as the slots for drive arrays have reached maximum capacity. As traffic, CATV, DLEC, Engineering and other departments look to add more data to the current storage system the projected need past FY2023 will be in jeopardy. In FY17 the SAN replacement was proposed as a 5-year replacement with a 5-year maintenance agreement. Non-replacement will result in additional maintenance costs.

RELATIONSHIP TO OTHER PROJECTS

This project is not related directly 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:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Fiber Optic/Conduit Asset Maintenance and Documentation	FY2022 ACTIVITY NO: 101-2935	$ 250,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Consultant	$ 100,000	$ 100,000	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ 100,000	$ 50,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		Sales Tax Fund (20%)	$ —	$ 100,000	$ —	$ —	$ —	$ —
		DRA Gaming	$ 100,000	$ —	$ 50,000	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 100,000	$ 100,000	$ 50,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

This project will provide assistance to complete mapping and documenting fiber optic assets. In 2016 as a priority of the City Council, Dubuque undertook its Broadband Acceleration Initiative. Since that time, the City has experienced exponential growth in our initiatives to extend conduit and fiber optic cable throughout the community. Broadband capacity increased through the use of unique public/private partnerships and leveraging existing fiber optic and conduit assets. The quick and extensive growth has added complexity of documentation of these assets. From 2001 to 2015 the City put in a significant amount of fiber assets. From 2016 to 2019 the City doubled that number. In 2020, we will double that again. At the end of FY2021 the City will surpass $10 million in shared, leverageable fiber optic and conduit assets. A critical part of this effort is evaluating, mapping and documenting these assets. The need exists not only for "city" projects but also for partnerships engagements to build, expand or repair cable and conduit. The City has invested in Crescentlink software, an add-on to ESRI GIS to map these assets. Unfortunately, there are minimal staff available to inventory, field verify and map the assets. As a stop gap, maps have been created in Google Maps with an ability to see "where" but not "what." A conversion of data into Crescentlink is required for safety and best reference. This project is submitted on behalf of the Engineering and IS departments.

RELATIONSHIP TO OTHER PROJECTS

This project is not related directly to other capital projects although any new fiber optic or conduit installation benefits from this project.

OUTCOME

Financially Responsible, High Performance City Organization: Easy, convenient access to City information and services Connected Community.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Office redesign	2022 ACTIVITY NO: 102-1051	$ 75,000

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
		Design	$ 25,000	$ —	$ —	$ —	$ —	$ —
		Construction	$ —	$ —	$ 50,000	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ 50,000	$ —	$ —	$ —
		B. PROJECT FINANCING						
		DRA Distribution	$ 25,000	$ —	$ 50,000	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ —	TOTAL	$ 25,000	$ —	$ 50,000	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

The purpose of this project is to produce a site location decision as well as a design for both a data center and offices housing the Information Services Department. The department offices and the data center moved to the present location, City Hall Annex in 1994. The building is over one hundred years old, resides in a residential neighborhood and is not equipped to host a state-of-the-art data center. Although the building has intrusion security, temperature and water alarms it presents a risk to the data housed at the site because of due to the age of the building as well as other users of the building. Electrical services are at a maximum capacity. The current building also not energy efficient so any improvement or relocation would address energy consumption. This project would determine if staying or relocating to another location is the most effective route to go. A design and budget based on that decision will be produced as part of the work. Year 2 and 3 estimates are based on a scenario of fiber optic assets remaining in the basement of the Annex.

RELATIONSHIP TO OTHER PROJECTS

This project is not related directly to other capital projects

OUTCOME

Financially Responsible, High-Performance City Organization. Hire, retain a highly skilled City workforce reflective of the Dubuque Community.

FUNDING RESTRICTIONS

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

DEPARTMENT:	STATE PROGRAM:	PROJECT TITLE:	YEAR FIRST SUBMITTED:	TOTAL PROJECT COST
77 - Information Services	6C - General Government	Ransomware Defender and File Recovery	2021 ACTIVITY NO: 102-2864	$ 50,610

2020 EXPENSE	2021 BUDGET	PROJECT BUDGET	2022	2023	2024	2025	2026	2027
		A. EXPENDITURE ITEMS						
	$ 47,400	Software and 3 year Support	$ —	$ —	$ 3,210	$ —	$ —	$ —
			$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,400	TOTAL	$ —	$ —	$ 3,210	$ —	$ —	$ —
		B. PROJECT FINANCING						
	$ 47,400	DRA Distribution	$ —	$ —	$ 3,210	$ —	$ —	$ —
	$ —		$ —	$ —	$ —	$ —	$ —	$ —
$ —	$ 47,400	TOTAL	$ —	$ —	$ 3,210	$ —	$ —	$ —

PROJECT DESCRIPTION/JUSTIFICATION

City governments continue to fall victim to ransomware threats and the subsequent loss of data. Not only are large ransomware demands made, but also the cost to recover and the amount of downtime can be extraordinary. For example, the City of Baltimore experienced downtime for many systems for over a month with cost estimates of over $18 million dollars to recover. The City of Atlanta estimates their ransomware recovery costs at over $17 million. On average, ransomware downtime costs organizations more than $64,000 per incident. This project will provide software that will allow for automating recovery of key files in the event of a failover or failback, including built-in disaster recovery logic and policies. This software also allows staff the ability to audit file changes and deletions in real time and historically. In addition, this software contains active auditing that can detect large amounts of file moving/deletion/changing. The included ransomware module monitors user behavior to detect, stop and recover from ransomware attacks and will automatically lock down a user or data if an attack is suspected. This software also has a “self-service” recovery feature that end users can use to recover files without Information Services intervention.

RELATIONSHIP TO OTHER PROJECTS

This project is not related to other capital projects.

OUTCOME

Financially Responsible, High Performance City Organization: Secure City information and data using the “Best Practices.”

FUNDING RESTRICTIONS

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