



AGENDA
PLANNING AND ZONING COMMISSION MEETING
CITY OF CREVE COEUR, MISSOURI
MONDAY, MARCH 21, 2022
6:30 PM

Pursuant to Section 610.022 RSMO, the Planning and Zoning Commission could, at any time during the meeting, vote to close the public meeting and move to closed session to discuss matters relating to litigation, legal actions and/or communications from the City Attorney as provided under Section 610.021(1) RSMo. and/or personnel matters under Section 610.021(13) RSMo. and/or employee matters under Section 610.021(3) RSMo. and/or real estate matters under Section 610.021(2) or other matters as permitted by Chapter 610.

This meeting will be held in-person at the Creve Coeur Government Center, 300 North New Ballas Road, Creve Coeur MO 63141. Due to the COVID-19 pandemic, masks are required to be worn for all attendees. Reports, documents, plans, and related materials are available for examination at the Creve Coeur Government Center, 300 North New Ballas Road, prior to the meeting.

Special disabled service may be arranged by contacting the Office of the City Administrator in advance.

CALL TO ORDER

ROLL CALL

Mr. Gene Rovak (Chair)
Ms. Muriel Hall
Mr. Larry Potashnick
Ms. Julie LaBonte
Mr. AJ Wang

Mr. Carl Lumley, City Attorney
Mr. Jason Jaggi, Director of Community Development
Ms. Bethany L. Moore, City Planner
Ms. Megan Waller, Administrative Supervisor/Recording Secretary

ACCEPTANCE OF THE AGENDA

APPROVAL OF MINUTES

1. March 7, 2022 Planning and Zoning Commission Draft Meeting Minutes

PUBLIC COMMENT

An opportunity for members of the public to address the Planning and Zoning Commission regarding issues or concerns not already on the agenda for this meeting. Those wishing to speak will be asked to limit comments to three minutes and to complete a speaker card.

UNFINISHED BUSINESS

(None)

NEW BUSINESS

1. Withdrawn-Application #22-001: Minor Site Plan for A Fence Within the Front-Yard Setback Along Conway Road For the Property Addressed as 403 Hammersmith Road

2. Presentation of the FY2023-FY2027 Capital Improvement Program

City staff is currently developing the annual update to the City's five-year Capital Improvement Program (CIP). Staff will present the draft of the CIP to the Planning and Zoning Commission and will plan to return to seek the Commission's recommendation to the City Council on April 4.

The current draft of the CIP is included as attachment to this agenda item. The draft CIP can also be found on the City's website at <https://www.crevecoeurmo.gov/95/Capital-Improvement-Program>

WORK AGENDA

(None)

DEPARTMENT REPORTS

Director of Community Development

ADJOURNMENT

Posted: _____

Jason W. Jaggi
Director of Community Development



DRAFT MINUTES
PLANNING AND ZONING COMMISSION MEETING
CITY OF CREVE COEUR, MISSOURI
MONDAY, MARCH 7, 2022
6:30 PM

CALL TO ORDER

Mr. Gene Rovak called the meeting to order at 6:52 PM.

ROLL CALL

AJ Wang	Commissioner	
Julie LaBonte	Vice Chair/Commission Member	
Gene Rovak	Chair/Commission Member	
Muriel Hall	Commission Member	
Larry Potashnick	Commission Member	(Absent)

The following staff were also present:

Carl Lumley, City Attorney
 Jason Jaggi, Director of Community Development
 Bethany Moore, City Planner
 Megan Waller, Administrative Supervisor/ Recording Secretary

ACCEPTANCE OF THE AGENDA

Ms. LaBonte moved to approve the agenda. Mr. Wang seconded. All in favor.

APPROVAL OF MINUTES

1. February 7Th, 2022 DRAFT Meeting Minutes

Mr. Rovak moved to approve the minutes. Ms. LaBonte seconded. All in favor.

PUBLIC COMMENT

(None)

UNFINISHED BUSINESS

(None)

NEW BUSINESS

(None)

WORK AGENDA**1. Residential Tree Requirements Work Session**

Ms. Moore, City Planner, stated that this is a follow up from the previous meeting. She first presented a compiled table of data reflecting the tree ordinances of surrounding cities. She stated that Town and Country has the most comparable ordinance to what is being proposed.

Ms. Moore noted that the Creve Coeur ordinance does not address tree canopy coverage.

Ms. Moore stated that there is currently an approved tree replacement list and that the list will be discussed with the HEB committee.

Ms. Moore reminded the commissioners that the next presentation of the tree ordinance will be as a text amendment.

Ms. Moore stated that the new ordinance will apply to any new homes and any increase in impervious area by 50% or more.

Ms. Moore explained that the new ordinance does contain a section that will allow the applicant to come before the Planning and Zoning Commission if they are unable to meet the requirements of the ordinance. Mr. Lumley followed up by stating that this stems from a federal court decision. He also stated that this will need to apply to the subdivision ordinance as well.

Mr. Jaggi stated that there may also be a tree planting contribution for those who do not have adequate site coverage to replace the required number of trees.

Mr. Rovak had concerns that the applicants would rather contribute to the tree fund than replace the trees. Mr. Jaggi stated that the applicant would need to provide proof of hardship for this to be approved.

Ms. Moore stated that the ordinance will require the tree protection and replacement plan be submitted as part of the initial permit application. She also stated that street trees will need to be noted on the plan separate from the replacement trees.

Mr. Rovak suggested that this should be required as early as the grading permit.

Ms. Moore stated that the tree planting contribution will apply to subdivisions as well.

Mr. Jaggi reiterated that street trees will be required but do not count towards the replacement tree count.

Mr. Wang asked if the 50% would still apply if the project is done in increments. Mr. Jaggi stated that some municipalities do keep track of cumulative tree removal in a one-year period, but the current suggested changes to the ordinance do not include this.

Mr. Rovak suggested having a signed acknowledgement on the application stating that the applicant is not aware of any trees being removed prior to submitting the application.

Mr. Jaggi agreed that adding a lookback clause could be beneficial to the ordinance.

Ms. Moore stated that 50% tree retention for trees in fair or better condition that are 6 inches DBH or greater has been added to the proposed ordinance since the previous presentation.

Ms. Moore stated that replacement for trees removed beyond the 50% retention must be replaced on a 1:1 basis for 6-inch DBH or greater and a 2:1 basis for trees 20 inches DBH or greater has also been added since the previous meeting.

Mr. Jaggi stated that this ordinance is not meant to stop the removal of all large trees. The goal is to create a clear requirement for trees to be replaced based on a percentage and species.

Ms. Moore stated that the tree fund's goal is to allow city staff to work with applicants before having to bring the case before the Planning and Zoning Commission. She also said that the applicant will have to present a hardship to qualify for this option.

Ms. LaBonte had concerns that the language in the ordinance does not make it clear that there must be a proven hardship to make a contribution to the tree fund in lieu of replacement trees. Mr. Lumley suggested changing the wording to say that paying into the tree fund is based on review and approval from the City.

Mr. Jaggi added that if the hardship provided on the tree plan is not substantiated, the applicant can choose to bring the issue before the Planning and Zoning Commission for further consideration.

Ms. Moore stated that 410.0320 will be decreased from 75% tree removal allowance to 50% allowance. She also stated that sections 2 & 4 will be removed. This allowed for an additional 10% of trees to be removed, will be removed.

Mr. Jaggi reminded the commission that tree removal is part of the preliminary plat review, and will still need to be reviewed by P&Z.

RESULT:	ITEM DISCUSSED
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2. Drive through Restaurants Code Amendments Work Session

Mr. Jaggi reminded the commission that these are amendments to the existing ordinance, and not a completely new ordinance.

Mr. Jaggi reminded the commission that there still will not be any free-standing drive through restaurants adjacent to residential.

Mr. Jaggi stated that a drive through window still would not be allowed adjacent to a primary street but would be allowed adjacent to a secondary street. Mr. Jaggi used the Bread Company on Ballas as an example.

Ms. LaBonte had concerns that allowing drive through restaurants adjacent to secondary streets may cause traffic to back up in neighborhoods.

Mr. Jaggi stated that it is important to protect the residential areas, but it is equally important to get traffic back to a signal. He also stated that free-standing restaurants still will not be allowed, and these drive throughs will within commercial tenant spaces.

Mr. Jaggi also explained that a traffic study is required and would help determine signal patterns, and ways to keep traffic from stacking in neighborhoods.

Mr. Jaggi stated that order facilities should not be facing towards the primary street.

Ms. LaBonte had concerns with the noise from order boards and windows being directed towards residential properties rather than a busy street. Mr. Jaggi explained that the ordinance does still require screening and buffering for that reason.

Mr. Jaggi stated that the ordinance may not need to mandate seating and size minimum requirements, as the ordinance is only looking to update commercial buildings.

Mr. Lumley asked for clarification on seasonal seating. Mr. Jaggi stated that the ordinance requires one parking space for every eight seats for outdoor dining. Mr. Lumley suggested defining outdoor seasonal seating. Ms. LaBonte suggested rephrasing this to say open air seating.

Mr. Jaggi stated that the traffic study, the noise study, and all other studies will still be in place.

Mr. Jaggi stated that the new ordinance will clarify that a new drive through restaurant not adjacent to residential must be a component of a multi building development.

Mr. Lumley asked if there must be separation of the lots and ownership or the development overall. Mr. Jaggi stated that there can be multiple buildings on different lots if they are coordinated.

Mr. Jaggi discussed the landscaping and screening requirements and stated that the ordinance will clarify pedestrian oriented features.

Ms. LaBonte asked if these changes address some of the recent applications that have been denied due to the restrictions of the ordinance. Mr. Jaggi explained that this does help but is still restrictive enough to protect residential areas.

Mr. Jaggi stated that the next step is to file a text amendment.

RESULT:	ITEM DISCUSSED
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3. CANCEL MAY 2, 2022 PLANNING AND ZONING COMMISSION MEETING

Mr. Jaggi stated that he and Ms. Moore will be attending a planning conference, and will be unavailable for this meeting date.

RESULT:	APPROVED (UNANIMOUS)
MOVER:	Julie LaBonte, Vice Chair/Commission Member
Seconders:	AJ Wang, Commission Member
Ayes:	Wang, LaBonte, Rovak, Hall

DEPARTMENT REPORTS

Mr. Jaggi stated that the next meeting will be March 21st at 6:30 PM.

Mr. Jaggi reminded the commissioners that as of the April 4th meeting, the start time will move to 6:00 PM.

Mr. Jaggi let the commissioners know that he will not be in attendance at the meeting on March 21st but the meeting is still scheduled as normal.

ADJOURNMENT

Mr. Wang made a motion to adjourn. Ms. LaBonte seconded. All in favor. Meeting adjourned at 8:05 PM.

C

CAPITAL IMPROVEMENT PROGRAM

FISCAL YEARS 2023-2027



CAPITAL FUND

PARKS AND STORMWATER FUND

BUILDING PROJECT BOND FUND

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EXECUTIVE SUMMARY

The Capital Improvement Program (CIP) is the City's long-range plan for improvements to infrastructure, parks, and other community facilities. The CIP is a tool to assess the long-term capital needs, values, and desires of the City and to establish funding of high-priority projects in a timely and cost-effective manner. This plan is a living document and is subject to amendment by the City Council.

The CIP is intended to ensure that policy makers are responsible to the Creve Coeur community with respect to the expenditure of City funds for capital improvements.

CIP Goals

The following are goals of the CIP:

- Provide a plan for the improvement or replacement of deteriorating infrastructure
- Improve operational or functional aspects of existing infrastructure
- Add new facilities and improve the community's infrastructure to enhance the quality of life in Creve Coeur
- Provide for the planned replacement of major equipment required for the City's operations

CIP Criteria

To be considered a capital improvement, projects or equipment must have a useful life of at least five years and have a minimum cost of \$20,000.

A special set of criteria has been identified to assist in assessing and prioritizing CIP projects. Proposed projects reflect the goals of the Comprehensive Plan through their demonstration of these criteria:

- *Availability of Outside Funding:* higher priority is given to projects that are eligible for and are likely to be considered for grant funding or shared-cost programs, which would reduce the City's investment.
- *Beautification:* aesthetic improvements to natural habitats or frequently traveled or visited areas within the City for public enjoyment, such as the use of public art on public lands
- *Community Demand:* projects that have received a level of demonstrated resident support or demand, including support of City departments, boards, committees, and commissions.
- *Condition of Existing Facility:* improvements that replace or maintain the City's infrastructure, facilities, or equipment so that it remains in a serviceable, safe, and efficient condition.
- *Coordination (projects, regulations, City-adopted plans):* projects that fit within planned coordination between multiple projects or agencies to reduce costs or minimize disruption to services, meet state or federal law requirements, or projects that are identified in other City-adopted plans.
- *Economic Growth:* projects focused on maintaining housing values and attracting businesses, residents, or visitors to the City. Projects supporting private development must include return on investment ratios or a fully documented cost/benefit analysis.
- *Operating Efficiency:* equipment or facilities improvements to streamline work processes or benefit from technological advancements. Projects that reduce the cost of operations will receive priority, but those that will increase the cost of operations must identify trade-offs to support those additional costs.
- *Protection & Conservation:* improvements to the City's park system or historical landmarks that allow these facilities to be enjoyed by future generations or projects that reduce the City's environmental impact.

- **Public Safety:** improvements that focus on preserving and protecting the general public from harm and reducing the City's risk exposure.

Relationship between the CIP and the Creve Coeur 2030 Comprehensive Plan

According to the Creve Coeur 2030 Comprehensive Plan:

Within the Creve Coeur 2030 Comprehensive Plan Update, many projects are identified or implied, as specific projects or as conceptual ideas. These projects and others, resulting from recommendations of the Comprehensive Plan, should be developed and incorporated in the City's annual CIP review process. Further detail and refinement of identified and conceptual projects, facilities, or infrastructure improvement needs will be required as the implementation of the Comprehensive Plan occurs.

Development and Adoption of the CIP

According to the City Charter, a draft of the five-year CIP shall be proposed by the City Administrator to the City Council no later than the second regular meeting in February of each year. Prior to the submittal of the draft CIP to the City Council, public input is obtained through the City newsletter, website, and the City's boards, committees, and commissions.

Prior to the City Council's adoption of the CIP, and as required by City Charter, the CIP is submitted to the Finance Committee for recommendations and comments. The Planning & Zoning Commission also reviews the plan emphasizing the location, extent, and character of the proposed projects prior to City Council review, approval, and adoption. A public hearing is held each spring (typically in April) by the City Council to review the final draft of the CIP in March or April, prior to adoption.

The CIP includes a description of each proposed project and equipment with details regarding justification, cost estimate, operating and maintenance budget impact, and funding sources.

Funds in the CIP

There will be three funds that contribute to the FY2023-FY2027 CIP. These funds are:

1. **Capital Fund.** This fund is financed by a half-cent capital improvement sales tax, which is supplemented by annual transfers from the General Fund and project-specific grants.
 - Total Capital Fund revenues: \$18.6 million
 - Total Capital Fund expenses: \$19.1 million
2. **Parks and Stormwater Fund.** In November 2020, voters in Creve Coeur approved a half-cent sales tax that is dedicated to finance operations, maintenance, and capital improvements for the City's parks and stormwater infrastructure. This fund will be supplemented by grants and other outside funding related to parks and stormwater.
 - Total Parks-Stormwater Tax Fund revenues: \$13.1 million
 - Total Parks-Stormwater Tax Fund expenses: \$12.9 million
3. **Building Project Bond Fund.** In November 2016, voters in Creve Coeur approved a bond measure to build a new police station and to make security and accessibility improvements to the Creve Coeur Government Center. The police station was completed in 2020, so the majority of this fund's project-related expenses is complete. Most of the activity in the FY2023-FY2027 CIP is related to the fund's debt service.
 - Total Building Project Bond Fund revenues: \$3.3 million
 - Total Building Project Bond Fund expenses: \$3.6 million

Combined, these three funds have a projected revenue of \$35.0 million and projected expenses of \$35.6 million for the FY2023-FY2027 CIP. The charts below break down these revenues and expenses into the general categories that are found in the CIP.

More detail is provided for each of the three funds in the sections that follow. Each fund is briefly described, and the revenues and expenses for each fund are summarized for the duration of the FY2023-FY2027 CIP. Project-specific summaries and financial projections are included for each line item that appears in the five-year CIP. Projects that are expected to be completed in FY2022 are not included in this report.

Appendix

This report is one of several documents that forms the CIP. Appendices to this report include:

- Appendix A: FY2023-FY2027 CIP Spreadsheets
- Appendix B: FY2018-FY2027 CIP 10-Year Summary
- Appendix C: Community Comments and Requests
- Appendix D: Future Project List

The latest version of these documents can be found on the City's website at:

<http://www.creve-coeur.org/95/Capital-Improvement-Program>

Questions and Comments

If you have any questions or comments about the CIP, please contact Mark Perkins, City Administrator, at mperkins@crevecoeurmo.gov or (314) 872-2511.

CAPITAL FUND

The City's Capital Fund has served as the primary mechanism for funding capital projects in the CIP for many years. The Capital Fund finances investments into the City's government facilities, parks and recreational facilities, stormwater infrastructure, streets and sidewalks, capital equipment, and project administration.

Capital Fund Revenues

The City's Capital Fund has three main funding sources: a half-cent capital improvement sales tax, grants and other outside funding, and transfers from the General Fund. Together, these funding sources are projected to generate \$18.6 million over the FY2023-FY2027 CIP.

Half-Cent Capital Improvement Sales Tax. Projected sales tax revenues are approximately \$10.75 million for the FY2023-FY2027 CIP, which averages out to approximately \$2.15 million per year in the plan.

Sales tax revenue projections have improved significantly since the uncertainty and economic downturn associated with the COVID-19 pandemic forced the City to reduce its revenue estimates. Sales tax projections in the FY2023-FY2027 CIP include an estimated 1% increase each year, which will return the sales tax revenues to the FY2020 level by FY2025.

Grants and Outside Funding. Federal grants for roadway projects and accessibility improvements will provide approximately \$5.28 million over the FY2023-FY2027 CIP.

Staff will seek additional grant funding during for this period, but applications for that funding are either in the evaluation process or not yet available. For projects that anticipate grant funding that has not yet been awarded, the City's matching funds are shown as the project costs in the fiscal years when the phases of the project are planned to occur. The full cost of the project and the associated grant funding will be programmed into the CIP upon notification of award of the grant.

Transfers from the General Fund. The total transfer from the General Fund to the Capital Fund over the proposed FY2023-FY2027 CIP is \$2.5 million.

A transfer from the General Fund to the Capital Fund is proposed for each fiscal year in the proposed CIP. General Fund transfers to the Capital Fund of \$400,000 are made in most years and are appropriate based on the transportation-oriented revenue sources of the General Fund which include the County road and bridge tax revenues.

The City has set aside \$2.0 million in the General Fund for renovations to the Creve Coeur Government Center. Planning and design for those improvements are programmed into the proposed CIP, as are corresponding transfers from the General Fund to the Capital Fund.

Capital Fund Expenses

Capital expenditures from the Capital Fund are projected to be approximately \$19.09 million over the proposed FY2023-FY2027 CIP, with a maximum annual expense of \$5.07 million in FY2024. Details about these expenses can be found in the project summary sheets that follow.

ACCESSIBILITY IMPROVEMENTS (CDBG)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000

Project Description:

The City of Creve Coeur is typically eligible for \$20,000 each year for accessibility improvements through the Community Development Block Grant (CDBG) program. Funding in FY2023 has been designated for accessibility improvements to several bus stops along New Ballas Road. Projects for FY2024-FY2027 will focus on accessibility improvements for public facilities elsewhere in the City but have not yet been defined. Funding in prior years have been committed to providing accessibility improvements to the parking lot at Malcolm Terrace Park. That project and its costs will be managed through the Parks and Stormwater Fund.

Existing Conditions:

Projects are designed to improve facilities that are out of compliance with the current Americans with Disabilities Act (ADA) regulations.

Justification: *Public Safety; Coordination; Availability of Outside Funding*

Each project seeks to improve ADA compliance through accessibility improvements to government facilities and along public pedestrian routes. The focus of these projects is to provide public safety as well as to upgrade existing facilities.

Operating Budget Impact:

None. Projects that are undertaken as part of this program are relatively small in scope, and the City typically receives 100% reimbursement for the project costs through the CDBG federal grant.

Comments

The City is designating this funding with the anticipation of receiving grant funding in the amount of \$20,000 from the CDBG Commission. This is an annual grant available to municipalities to address accessibility projects. Scheduling of this project is subject to a successful grant application and availability of grant funding.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 20,000
Equipment	\$ 0
Other	\$ 0
Total Annual Cost	\$ 20,000

Total Annual Cost	\$ 20,000
Community Development Block Grant (CDBG)	\$ 20,000
City Share	\$ 0

GOVERNMENT CENTER RENOVATIONS

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$82,862	\$400,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves reviewing the existing concept-level renovation plans for the Creve Coeur Government Center and an evaluation of the City's options to renovate or rebuild the Government Center. Development of the building plans and development of construction drawings for the renovation or rebuilding project are planned for FY2024. A construction schedule has not yet been determined, as it depends upon the outcome of the renovation vs. rebuild evaluation.

Existing Conditions:

The Creve Coeur Government Center has inadequate space for staff, meetings, archives, and storage. The former Police Department and the rest of the Government Center will require extensive renovations to move departments to more accessible locations and to make the Government Center more accommodating, helpful, and useful for both residents and staff.

Justification: *Operating Efficiency; Condition of Existing Facility*

Renovation or replacement of the Government Center will require careful design in order to create a building layout that promotes efficient and effective service to the City's residents.

Operating Budget Impact:

The renovated Government Center will be more energy efficient and will replace aging systems that need frequent and costly maintenance.

Comments

The City has set aside \$2.0 million in its General Fund for use for renovations to the Government Center. The cost of this project will be offset by General Fund transfers into the Capital Fund. The cost of construction will also be shared with the Building Project Bond Fund, which has funding reserved for accessibility and security improvements at the Government Center.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 482,862
Land Acquisition	\$ 0
Construction	\$ TBD
Equipment	\$ 0
Other	\$ 0
Total (Capital Fund Portion)	\$ 482,862

Total Cost (Capital Fund Portion)	\$ 482,862
Outside Funding Source: (N/A)	\$ 0
City Share	\$ 482,862

PARK OR DIELMANN COMPLEX IMPROVEMENTS (GRANT MATCH)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$30,500	\$0	\$30,500	\$0	\$30,500	\$30,500

Project Description:

Funds listed in this account represent the City's anticipated matching funds for projects funded through Municipal Park Grants. The City needs to limit its applications for Municipal Park Grants to every other year in order to remain competitive. The next grant application is currently envisioned to assist with improvements to the Dielmann Recreation Complex, which could involve a portion of the refrigeration switchover, mechanical equipment replacement, or renovations to the concessions area.

Existing Conditions:

Numerous aspects of the City's ice arena, golf course, and parks (including tennis courts, playgrounds, walking paths, pavilions, and other amenities) require maintenance, improvements, or replacement.

Justification: *Availability of Outside Funding; Condition of Ex. Facility; others depend upon the project*

By budgeting for the local match, a grant application can be completed without searching for available funds or making amendments to the program. Available grants may help to address any number of CIP criteria including, but not limited to, improving condition of existing facilities, operating efficiency, beautification, and protection and conservation of the park system or historical landmarks. These projects are supported by the needs assessments of the Dielmann Recreation Complex (FY2014) and Golf Course (FY2016) and the Parks and Recreation Master Plan (FY2019-FY2020).

Operating Budget Impact:

The improvements brought by these projects typically replace old or failing systems that require significant maintenance. These improvements should reduce operating costs.

Comments

The current maximum amount of funding that the City is eligible for through the Municipal Park Grant program is currently \$475,000 for a given project. These grants are competitive, and the City's contribution to the project affects the project application score and likelihood of a funding award. The City plans to provide a 6% grant match for its projects in order to maximize the number of points related to the City's contribution, which would make the grant match about \$30,500 for a project that receives the maximum grant funding.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ TBD
Land Acquisition	\$ TBD
Construction	\$ TBD
Equipment	\$ TBD
Other	\$ TBD

Total (Grant Match)	\$ 30,500
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Total Cost	\$ TBD
Municipal Park Grant	\$ TBD
City Share	\$ 30,500

DIELMANN RECREATION COMPLEX HVAC REPLACEMENT – PHASE 2

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$5,000	\$110,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the removal of the older air handler and condensing unit that serves the Dielmann Recreation Complex, the design of replacement equipment, and installation of a new air handler and condensing unit. The replacement of this equipment will complement and complete the air handler, condenser, and boiler units that were replaced in FY2018.

Existing Conditions:

The Dielmann Recreation Complex uses two air handlers and two condensing units for its heating and air conditioning. The two units that are proposed to be replaced are beyond their useful lives. This equipment failed in early 2022 and will require maintenance in order to remain functional until the equipment can be replaced.

Justification: *Operating Efficiency; Condition of Existing Facility*

New units will be more reliable and more efficient than the existing units, and the new units are expected to require little or no maintenance for several years.

Operating Budget Impact:

Increased efficiency and limited maintenance should result in lower operating costs.

Comments

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 5,000
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 110,000
Other	\$ 0
Total	\$ 115,000

Total Cost	\$ 115,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 115,000

DIELMANN RECREATION COMPLEX ROOF DRAINAGE

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$20,000	\$30,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the design and construction of improved drainage systems to capture stormwater from a portion of the Dielmann Recreation Complex roof and carry it away from the building.

Existing Conditions:

Much of the roof above the ice arena and warming room at the Dielmann Recreation Complex drains toward the roof above the administrative offices. The gutters in this location are not capable of handling the amount of water that often comes to them, and the result is that the stormwater spills down the side of the building and onto the ground outside of the offices. The ground in this location is slightly sloped toward the building, and the offices have had several leaks over the past year during moderate and heavy storms.

Justification: *Condition of Existing Facility*

Controlling the roof drainage and surface drainage near the offices will help prevent future leaks into the building.

Operating Budget Impact:

None.

Comments

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 20,000
Land Acquisition	\$ 0
Construction	\$ 30,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 50,000

Total Cost	\$ 50,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 50,000

ICE ARENA FLOORING REPLACEMENT

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$200,000	\$0	\$0	\$0	\$0

Project Description:

This project involves replacing the rubberized flooring that is around the ice rink, in the player's locker rooms, and in the referee's changing room.

Existing Conditions:

A majority of the flooring is the original floor from the major renovation project in 2003 and is near the end of its useful life. Some smaller areas have been replaced due to high traffic areas, including the areas beneath the player's benches and near the public entrance gate area that leads onto the ice rink.

Justification: *Public Safety; Condition of Existing Facility*

The project will focus on preserving and protecting the general public from harm when using the ice rink for public skating, special events, or ice rentals and will reduce the City's risk exposure. The project will update the aging flooring and provide an aesthetic look to match the rest of the facility.

Operating Budget Impact:

The rink's ice will need to be taken out to allow the concrete floor temperature to rise to the manufacturer's recommendation to warranty the installation. This will cause a shutdown of the ice for approximately three weeks, two for the floor project and one for the removal and installation of new ice. The Ice Arena will schedule the replacement of the flooring to coincide with a shutdown of the ice in order to limit the construction impact on ice users and possible revenue losses. Once the floor is installed, there will be minimal upkeep involved.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 200,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 200,000

Total Cost	\$ 200,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 200,000

ICE ARENA EVALUATION AND DESIGN

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$32,000	\$100,000	\$0	\$0	\$0	\$0	\$0

Project Description:

The City faces the need for significant investments into the ice arena in order for the facility to remain an ice arena. The goal of this project is to determine the possible different uses for the ice arena space, whether these other options are wanted by the residents of Creve Coeur, and the financial viability of each option. This design effort will guide the City's investments into the ice arena for the near future.

Existing Conditions:

Major systems at the Creve Coeur ice arena are aging. The ice arena floor and the refrigeration piping network beneath it are nearly 20 years old. The refrigeration system also uses a refrigerant that can no longer be produced, and new equipment is required to use a different refrigerant.

Justification: *Community Demand; Condition of Existing Facility; Coordination*

The City needs to understand its options and plan for the replacement of the systems at the ice arena so that the City is prepared when these systems need to be replaced.

Operating Budget Impact:

New mechanical systems should require less attention and money to maintain. This study will need to estimate the staffing and other costs associated with any alternative to an ice arena so that these factors can be considered as part of the decision for how to proceed with the building.

Comments:

While the recommendations from this study will likely qualify for funding through a Municipal Park Grant, the evaluation of the City's options may not be finished in time to pursue grant funding in FY2023.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 132,000
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 0
Total (Design Phase)	\$ 132,000

Total Cost (Design Phase)	\$ 132,000
Outside Funding Source: TBD	\$ 0
City Share	\$ 132,000

DIELMANN COMPLEX CONCESSIONS AREA RENOVATION

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$30,000	\$0	\$300,000	\$0	\$0	\$0

Project Description:

Recent renovations to the Dielmann Recreation Complex have concentrated on the meeting rooms, offices, and warming room. The golf check-in desk and concessions area are located in the middle of the building and were not included in the previous renovations. This project would remove the popcorn ceiling from the walls, improve lighting, replace flooring, add a golf check-in desk, and update the concessions area, with the goal of improving the experience for visitors to the Dielmann Recreation Complex.

Existing Conditions:

The concessions kitchen is outdated and several aspects need to be replaced. The seating area near the concession stand uses old tables and chairs and seems underutilized. The golf course currently uses a counter to check in golfers and to sell equipment and refreshments but could benefit from a desk that is designed to be more functional.

Justification: *Availability of Outside Funding; Condition of Existing Facility*

The goals of this project would be to provide a more functional, welcoming, and clean environment for golfers and concessions patrons.

Operating Budget Impact:

The renovated areas are expected to reduce annual maintenance costs.

Comments:

This renovation would qualify for funding through a Municipal Park Grant.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 30,000
Land Acquisition	\$ 0
Construction	\$ 300,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 330,000

Total Cost	\$ 330,000
Outside Funding Source: TBD	\$ 0
City Share	\$ 330,000

STREET AND SIDEWALK MAINTENANCE PROGRAM

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$1,406,365	\$1,400,000	\$1,421,000	\$1,442,300	\$1,463,900	\$1,485,900	TBD

Project Description:

The project includes concrete pavement replacement, asphalt pavement resurfacing, asphalt pavement maintenance, microsurfacing, roadway striping, and sidewalk replacement for the annual maintenance of the City's roadway and sidewalk networks.

Existing Conditions:

While the majority of the City's pavement network is in good condition, annual and on-going evaluation of pavement and sidewalk conditions find ageing and failing pavement and sidewalks that need to be addressed.

Justification: *Public Safety; Condition of Existing Facility; Coordination; Community Demand*

The City's street and sidewalk network form the City's largest asset that serves all of the City's residents and visitors. Annual maintenance of streets and sidewalks is required to preserve their functionality and to limit future repair costs. The City uses a pavement management system to track pavement conditions, and the City aims to evaluate the condition of each street on a four-year rotation. The pavement condition data assists with the prioritization of pavement repairs and maintenance and helps the City preserve its existing infrastructure as efficiently as possible. Federal regulations require that sidewalks meet accessibility standards so that all users have an opportunity to travel safely. The City's sidewalk maintenance program follows the federal regulations and supports the City's Pedestrian Plan.

Operating Budget Impact:

Pavement and sidewalk maintenance programs will improve and preserve the infrastructure and will result in a reduction in the number of pothole repairs and other on-going maintenance needs.

Comments:

Approximately 10% of the annual street and sidewalk improvements is typically directed toward accessibility improvements to the City's sidewalk network in support of the accessibility transition plan. Larger projects, such as grant-funded improvements, are stand-alone projects that are described in separate project sheets.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 30,000
Land Acquisition	\$ 0
Construction	\$ 1,370,000
Equipment	\$ 0
Other	\$ 0
Total (FY2023)	\$ 1,400,000

Total Cost (FY2023)	\$ 1,400,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 1,400,000

STREET RECONSTRUCTION / REHABILITATION

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$300,000	\$200,000	\$0	\$300,000	\$0	TBD

Project Description:

The City plans to fully or substantially replace sections of failed residential roadways through this project. The various needs of the pavement network are evaluated each year to determine which streets need to be reconstructed. The City plans to complete the pavement work in the Ladue Estates subdivision in FY2023, but later projects will be determined by future reviews of pavement conditions.

Existing Conditions:

Residential streets that are considered for reconstruction have reached the end of their useful lives and are generally in too poor of condition to gain long-term benefits from the City's typical pavement maintenance programs. Most of the streets that have been included in this program were older concrete streets that were overlaid with asphalt decades ago.

Justification: *Public Safety; Condition of Existing Facility; Community Demand*

All of the City's streets will eventually reach the end of their useful lives, fail at a structural level, and require reconstruction. This program provides the City with a tool to address some of its residential streets that are in poor or failing condition that typical maintenance programs can no longer improve.

Operating Budget Impact:

Streets with failing pavement typically require frequent maintenance in the form of pothole patching and emergency pavement repairs, which City staff often performs to address the issues as quickly as possible. Allocation of funds for reconstruction also allows for more of the maintenance budget to be used for maintaining and preserving streets that are in better condition. This allows for more streets and sidewalks to be addressed and will reduce the number of calls for City staff to make repairs.

Comments:

The City has invested over \$2 million into street reconstruction projects over the past ten years.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 30,000
Land Acquisition	\$ 0
Construction	\$ 770,000
Equipment	\$ 0
Other	\$ 0
Total (FY2023-FY2027)	\$ 800,000

Total Cost (FY2023-FY2027)	\$ 800,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 800,000

FERNVIEW SIDEWALK (DESIGN AND GRANT MATCH)

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$44,111	\$0	\$185,000	\$160,000	\$0	\$0	\$0

Project Description:

The City developed a concept plan to add a sidewalk along Fernview Drive (between Olive Boulevard and Gallagher Road) and along the side streets in order to connect with the existing sidewalk networks on each side of Fernview. The result of this project would be a unified collection of subdivision sidewalks that are currently not connected. Funding in FY2024 and FY2025 represents the City's matching funding for design, easement acquisition, and construction for a federal Transportation Alternatives Program (TAP) grant, the application for which could become available in FY2023.

Existing Conditions:

Fernview Drive is a collector roadway that serves several of the residential subdivisions in Ward 4. Sidewalks were constructed throughout most of the subdivisions to the east and west of Fernview, but not along or adjacent to Fernview itself. The result is a series of sidewalks without connections to each other or to Olive Boulevard.

Justification: *Community Demand; Public Safety; Availability of Outside Funding*

Increasing the walkability of Creve Coeur is a common request from residents and a goal outlined in the City's Strategic Plan. Creating a sidewalk along Fernview that connects to the adjacent existing sidewalks will make progress toward this goal.

Operating Budget Impact:

None.

Comments:

The City's anticipated portion of a grant-funded project are included in FY2024 and FY2025. The actual cost and schedule for the project will be incorporated into future capital improvement program plans if the City successfully obtains a federal grant for the project.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 169,111
Land Acquisition	\$ 60,000
Construction	\$ 160,000
Equipment	\$ 0
Other	\$ 0
Total (Design and Grant Match)	\$ 389,111

Total Cost (Design & Grant Match)	\$ 389,111
Federal Transportation Alternatives Program Grant	\$ TBD
City Share	\$ 389,111

NEW BALLAS ROAD IMPROVEMENTS— PHASE 1 (FEDERAL STP GRANT)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$248,852	\$1,136,600	\$0	\$0	\$0	\$0	\$0

Project Description:

The project includes the replacement of approximately 25% of the concrete pavement, joint replacement, and diamond grinding of the pavement surface along North New Ballas Road between Olive Boulevard and Craig Road. The project will also include sidewalk improvements and updates to highlight the signal at Cityplace Drive and the four-way stop at American Legion Drive. The City has been awarded a federal Surface Transportation Program (STP) grant that will fund 80% (up to \$960,000) of the costs related to right-of-way acquisition and construction.

Existing Conditions:

Areas of the concrete pavement are in good condition, but many areas are in poor condition and require replacement. Joint deterioration is the primary issue along this section of North New Ballas Road, and this issue causes poor ride quality. Much of the existing sidewalk was constructed in the early 1990's and falls short of the current accessibility standards. This section of North New Ballas Road was found to have an average pavement condition index (PCI) of 61 in 2020.

Justification: *Public Safety; Condition of Ex. Facility; Availability of Outside Funding; Beautification*

New Ballas Road is the City's largest street and one of two City-maintained streets classified as a minor arterial. Preservation of this street's pavement is a high priority, both for the traveling public and to control future costs. The deteriorating concrete pavement, sidewalks, curbs, and entrances require a significant investment to correct, and grant assistance for the work will make affording these improvements much more manageable. An alternative to grant funding would have been to devote approximately 10% of the City's annual concrete repairs to this section of New Ballas Road for approximately 5-10 years.

Operating Budget Impact:

This project will eliminate joint patching needs and sidewalk issues that require staff attention.

Comments:

This project will be designed and constructed in conjunction with the North New Ballas Sidewalk Extension project.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 155,452
Land Acquisition	\$ 210,000
Construction	\$ 1,020,000
Equipment	\$ 0
Other	\$ 0

Total	\$ 1,385,452
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Total Cost	\$ 1,385,452
Federal Surface Transportation Program Grant	\$ 960,000
City Share	\$ 425,452

NEW BALLAS SIDEWALK EXTENSION (FEDERAL TAP GRANT)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$73,450	\$210,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves relocating a retaining wall and underground utilities to accommodate a new sidewalk along the west side of North New Ballas Road between Magna Carta Drive and Rocky Drive. Constructing this sidewalk will connect two sections of sidewalk to create a continuous pedestrian path along the west side of New Ballas from Conway Road to Old Ballas Road. The City has been awarded a federal grant for this project through the Transportation Alternatives Program. This grant will fund approximately 60% of the total project cost.

Existing Conditions:

No sidewalk currently exists at this site, but pedestrians commonly use the small grass strip nonetheless. The property's retaining wall has been a barrier to constructing a sidewalk here.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding; Resident Request*

Completion of this sidewalk will provide a more suitable pedestrian route for those wishing to walk north along the west side of New Ballas Road.

Operating Budget Impact:

No significant maintenance is anticipated in the near future. The new retaining wall will be located outside of the right of way and will be maintained by the property owner.

Comments:

This project will complete the sidewalk improvements envisioned in a sidewalk concept study from 2008. The conceptual plans from that study provided the basis of the design for a portion of the Ladue Road Sidewalk Project in 2013 and for the New Ballas sidewalk improvements between Ladue Road and De Smet Jesuit High School in 2019.

Funding shown for "prior years" includes a preliminary design and preparation of easement documents that were completed to coordinate with the property owners and to prepare for the grant application.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 65,765
Land Acquisition	\$ 7,685
Construction	\$ 210,000
Equipment	\$ 0
Other	\$ 0

Total	\$ 283,450
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Total Cost	\$ 283,450
Federal Transportation Alternatives Program (TAP) Grant	\$ 169,920
City Share	\$ 113,530

LINDBERGH-OLD OLIVE INTERSECTION (STATE COST-SHARE/STP GRANT)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$181,729	\$460,000	\$2,045,500	\$0	\$0	\$0	\$0

Project Description:

This project involves the partial reconstruction of the intersection of Lindbergh Boulevard and Old Olive Street Road in order to add a traffic signal that will provide full access in all directions. This signal will allow for a pedestrian/bicycle crossing across Lindbergh and will connect the two halves of Old Olive, both of which are critical steps toward implementation of the Old Olive Great Street plan and the 39 North Master Plan. The City will use federal Surface Transportation Program (STP) grant funding and State Cost-Share Program funding to finance approximately 83% of the project.

Existing Conditions:

The existing intersection of Lindbergh Boulevard and Old Olive Street Road allows only right-in, right-out access for Old Olive on both sides of Lindbergh. A concrete barrier along the Lindbergh median prohibits any east-west vehicular or pedestrian crossing of this intersection.

Justification: *Public Safety; Availability of Outside Funding; Coordination; Beautification*

The proposed improvements to this intersection are supported by the Comprehensive Plan Creve Coeur 2030, the 39 North Master Plan, and the Old Olive Street Road Great Street Plan. These improvements provide the best chance for a pedestrian or bicycle crossing of Lindbergh Boulevard in that area.

Operating Budget Impact:

The City will most likely need to take over the maintenance of Old Olive Street Road from the Missouri Department of Transportation in return for the funding for this project. The ongoing maintenance cost for Old Olive Street Road could be significant.

Comments:

Conceptual plans for this intersection were developed as part of the Old Olive Street Road great street plan, which was completed through a partnership of St. Louis County, the St. Louis Economic Development Partnership, and the City of Creve Coeur. Funding in "prior years" includes concept development and design costs in FY2019-FY2021 to prepare for the grant applications and to design the project. Additional funding for the project may be available through the Governor's Transportation Cost Share Program.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 271,729
Land Acquisition	\$ 370,000
Construction	\$ 1,870,500
Equipment	\$ 0
Construction Inspection	\$ 175,000

Total	\$ 2,712,229
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Total Cost	\$ 2,712,229
State Cost-Share Program Grant	\$ 1,020,250
Federal Surface Transportation Program Grant	\$ 1,164,200
City Share	\$ 527,779

OLIVE-LINDBERGH INTERCHANGE ENHANCEMENTS

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$302,250	\$0	\$30,000	\$0	\$0	\$0	TBD

Project Description:

The City has partnered with the St. Louis Economic Development Partnership (SLEDP) and the Missouri Department of Transportation (MoDOT) to add decorative elements to the planned reconfiguration of the interchange of Olive Boulevard at Lindbergh Boulevard. The enhancements include black powder coat and illuminated street name signs to two new traffic signals on Olive and decorative median, pedestrian-scale lighting, and bridge treatments along Olive over Lindbergh. The project is managed by SLEDP and is expected to be complete by spring 2022.

The funding identified in FY2024 is for the design of landscaping for the Olive-Lindbergh interchange.

Existing Conditions:

The existing cloverleaf interchange is outdated and will be reconfigured to a more compact and more pedestrian-friendly design. The interchange will be planted with turf grass upon completion of construction.

Justification: *Coordination; Condition of Existing Facility; Beautification*

The Olive-Lindbergh interchange serves as one of the main entry points to the City and is located in the middle of the emerging 39 North District. Visual improvements in this area promote the City and encourage growth.

Operating Budget Impact:

The City will be responsible to maintain the signal and bridge enhancements and landscaping. The costs associated with the bridge and signal enhancements expected to be minimal for the foreseeable future. Landscape maintenance costs could be limited if native grasses and other low-maintenance plants are used in the landscaping design. This will need to be evaluated as part of the landscaping design and selection.

Comments:

The cost to construct the landscaping at this interchange will not be known until the design is complete.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 85,000
Land Acquisition	\$ 0
Construction	\$ 247,250
Equipment	\$ 0
Other	\$ 0
Total	\$ 332,250

Total Cost	\$ 332,250
Refund from SLEDP:	\$ 70,000
City Share	\$ 262,250

CRAIG ROAD IMPROVEMENTS (STP GRANT)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$39,800	\$150,000	\$100,000	\$1,100,000	\$0	\$0	\$0

Project Description:

The project involves improvements to the intersection layout, resurfaced pavement, and reconstructed and expanded sidewalks along Craig Road and Olde Cabin Road between Old Ballas Road and Olive Boulevard. The City has been awarded a federal Surface Transportation Program grant for this project. The grant will reimburse the City for approximately 70% of the total cost of the project.

Existing Conditions:

The pavement of Craig Road is currently in fair condition, but sections of the pavement have failed. The traffic flow along Craig is hampered by non-standard intersections with Olde Cabin Road and Office Parkway, and the sidewalks along Craig Road are generally inadequate and have poor accessibility at the intersections.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding; Resident Request*

Portions of Craig Road are in poor condition, and the City has provided increasing attention to pavement repairs and pothole patching. Improvements to the intersections along Craig Road are recommended to improve traffic flow and safety and to provide safe and accessible sidewalk crossings at these intersections.

Operating Budget Impact:

The pavement and sidewalks of Craig Road are in increasing need of maintenance. Roadway resurfacing and sidewalk reconstruction would reduce future maintenance costs.

Comments:

Funding in "Prior Years" was for a conceptual design plan for this project, which the City used to evaluate its options and to support its application for grant funding.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 189,800
Land Acquisition	\$ 100,000
Construction	\$ 1,100,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 1,389,800

Total Cost	\$ 1,389,800
Federal Surface Transportation Program (STP) Grant	\$ 960,000
City Share	\$ 429,800

NEW BALLAS IMPROVEMENTS – PHASE 2 (DESIGN AND GRANT MATCH)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$150,000	\$20,000	\$250,000	\$0	\$0

Project Description:

The project includes pavement resurfacing, concrete curb and sidewalk replacement, and accessibility improvements along New Ballas Road from Conway Road to Ladue Road. The project will also include a pedestrian connection to the bus stop near Mercy Hospital along the east side of New Ballas. Staff applied for a federal grant for this project in early 2022. The grant match for Phase 2 includes 100% of the design costs and 20% of the estimated land acquisition and construction costs. The full project cost will be included in the appropriate fiscal years if the City is successful in obtaining a grant.

Existing Conditions:

The asphalt pavement is generally in good condition, but many of the concrete sidewalks, curbs, and entrances are in poor condition. Although areas of the sidewalk and curbing were replaced in FY2019, areas still fall short of the current accessibility standards. South New Ballas Road was found to have an average pavement condition index (PCI) of 70 in 2020, which indicates that the pavement is generally in “very good” condition and that is currently an appropriate candidate for pavement preservation. The pavement will be 20 years old at the time of the anticipated construction for this project, the pavement joints are cracking, and the overall pavement condition is expected to continue to decline such that repairs and resurfacing are necessary.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding*

New Ballas Road is the City's largest street and one of two City-maintained streets classified as a minor arterial. Preservation of this street's pavement is a high priority, both for the traveling public and to control future costs. The deteriorating pavement joints, sidewalks, and curbs require a significant investment to correct, and grant assistance for the work will make affording these improvements much more manageable.

Operating Budget Impact:

This project will eliminate pavement patching needs and sidewalk issues that require staff attention.

Comments:

This project is the second of what is expected to be four phases of work along New Ballas Road.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 150,000
Land Acquisition	\$ 20,000
Construction	\$ 250,000
Equipment	\$ 0
Other	\$ 0

Total (Design and Grant Match)	\$ 420,000
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Total (Design and Grant Match)	\$ 420,000
Federal Surface Transportation Program (STP) Grant	\$ TBD
City Share	\$ 420,000

NEW BALLAS IMPROVEMENTS – PHASE 3 (DESIGN AND GRANT MATCH)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$150,000	\$20,000	\$250,000	\$0

Project Description:

The project includes pavement resurfacing, concrete curb replacement, illuminated street name signs, traffic signal improvements, and accessibility improvements along New Ballas Road from Ladue Road to Magna Carta Drive. Staff plans to apply for federal grant assistance for this project in FY2023. The grant match for this phase includes 100% of the design and 80% of the land acquisition and construction costs. The full project cost will be included in the appropriate fiscal years if the City successfully obtains a grant for this work.

Existing Conditions:

The asphalt pavement along New Ballas Road is generally in good condition, but many of the concrete sidewalks, curbs, and entrances are in poor condition. Much of the existing sidewalk falls short of the current accessibility standards. North New Ballas Road was found to have an average pavement condition index (PCI) of 70 in 2020, indicating the pavement was generally in “very good” condition at that time. New Ballas Road was last resurfaced in 2008, meaning that it will be over 20 years old and will need to be resurfaced by the time this project moves to construction.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding*

New Ballas Road is the City’s largest street and one of two City-maintained streets classified as a minor arterial. Preservation of this street’s pavement is a high priority, both for the traveling public and to control future costs. The deteriorating sidewalks, curbs, and entrances require a significant investment to correct, and grant assistance for the work will make affording these improvements much more manageable.

Operating Budget Impact:

This project will eliminate pavement patching needs and sidewalk issues that require staff attention.

Comments:

This project is the third of what are expected to be four phases of work along New Ballas Road.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 150,000
Land Acquisition	\$ 20,000
Construction (FY2027)	\$ 250,000
Equipment	\$ 0
Other	\$ 0
Total (Design and Grant Match)	\$ 420,000

Total (Design and Grant Match)	\$ 420,000
Federal Surface Transportation Program (STP) Grant	\$ TBD
City Share	\$ 420,000

NEW BALLAS IMPROVEMENTS – PHASE 4 (DESIGN AND GRANT MATCH)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$0	\$125,000	\$25,000	\$275,000

Project Description:

The project includes pavement resurfacing, concrete curb and sidewalk replacement, and accessibility improvements along New Ballas Road from Magna Carta Drive to Olive Boulevard. Staff plans to apply for federal grant assistance for this project in FY2024. The grant match for Phase 4 includes 100% of the design costs and 20% of the estimated land acquisition and construction costs. The full project cost will be included in the appropriate fiscal years if the City is successful in obtaining a grant for the work.

Existing Conditions:

The asphalt pavement is generally in good condition, but many of the concrete sidewalks, curbs, and entrances are in poor condition. The City has improved the accessibility features at the signalized intersections, but improvements remain. This portion of North New Ballas Road was found to have an average pavement condition index (PCI) of 72 in 2020, which indicates that the pavement is generally in “very good” condition and that is currently an appropriate candidate for pavement preservation. The pavement will be over 20 years old at the time of the anticipated construction for this project. While the pavement is currently in good condition, the age of the pavement and its heavy use are expected to continue to contribute to the pavement’s rapid deterioration over the next 5-7 years.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding*

New Ballas Road is the City’s largest street and one of two City-maintained streets classified as a minor arterial. Preservation of this street’s pavement is a high priority, both for the traveling public and to control future costs. The deteriorating sidewalks, curbs, and entrances require a significant investment to correct, and grant assistance for the work will make affording these improvements much more manageable.

Operating Budget Impact:

This project will eliminate pavement patching needs and sidewalk issues that require staff attention.

Comments:

This project is the last of what is expected to be four phases of work along New Ballas Road.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 125,000
Land Acquisition (FY2027)	\$ 25,000
Construction (FY2028)	\$ 275,000
Equipment	\$ 0
Other	\$ 0

Total (Design and Grant Match)	\$ 425,000
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Total (Design and Grant Match)	\$ 425,000
Federal Surface Transportation Program (STP) Grant	\$ TBD
City Share	\$ 425,000

LADUE ROAD IMPROVEMENTS – PHASE 1 (DESIGN & GRANT MATCH)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$0	\$0	\$150,000	\$275,000

Project Description:

This project will include pavement resurfacing and sidewalk accessibility improvements along Ladue Road, from Emerson Road to Ladue Estates Drive and would be the first of two phases of work to repave Ladue Road. Staff plans to apply for a federal grant for this project in FY2025. If successful, construction would be in FY2029. The grant match shown above includes 100% of the design costs and 20% of the estimated land acquisition and construction costs. The full project cost will be included in the appropriate fiscal years if the City is successful in obtaining a grant for the work.

Existing Conditions:

Ladue Road's pavement is nearly ten years old and is beginning to show its age. Multiple utility projects and failing repairs from the previous paving project have given Ladue Road an uneven ride.

Justification: *Public Safety; Condition of Existing Facility; Availability of Outside Funding*

Ladue Road serves approximately 10,000 vehicles per day and is one of the City's most-traveled streets. Preservation of the Ladue Road pavement should be a high priority for the City. According to the proposed plan, construction of this project would take place when the pavement is 16-17 years old. At that age, Ladue Road will likely need pavement resurfacing.

Operating Budget Impact:

A newer road surface will require few (if any) repairs by the City's staff.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 150,000
Land Acquisition	\$ 25,000
Construction	\$ 250,000
Equipment	\$ 0
Other	\$ 0
Total Cost	\$ 425,000

Total (Design and Grant Match)	\$ 425,000
Federal Surface Transportation Program (STP) Grant	\$ TBD
City Share	\$ 425,000

OLIVE-270 OVERPASS CLEANING

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$60,000	\$0	\$0	\$0	\$0

Project Description:

This project will involve nighttime cleaning and/or repainting of the exterior (i.e., facing Interstate 270) faces of the Olive Boulevard bridge over Interstate 270. Although the bridge is owned by the State of Missouri, the City of Creve Coeur is responsible for the maintenance of the decorative elements that the City added to the bridge. Among those elements are the decorative bridge faces, which have begun to show some wear. Access to these bridge faces will need to be from Interstate 270, so a significant portion of this project will be traffic control to close several lanes of the highway during each night of work.

Existing Conditions:

What appear to be water stains or peeling paint are evident in several locations along both faces of the Olive overpass. These white stains detract from the tan and beige tones of the bridge face.

Justification: *Beautification; Condition of Existing Facility*

The decorative elements of the Olive overpass are meant to let drivers know that they are in Creve Coeur. Stains or peeling paint mar that image.

Operating Budget Impact:

None.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 60,000
Total Cost	\$ 60,000

Total	\$ 60,000
Outside Funding Source: N/A	\$ TBD
City Share	\$ 60,000

PUBLIC WORKS CAPITAL EQUIPMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$313,300	\$331,100	\$464,000	\$349,800	\$398,800	\$423,600	TBD

Project Description:

The following major equipment purchases are planned for FY2023 as replacements for older equipment used by the Department of Public Works:

- Hook Lift Truck with Leaf Vacuum System..... \$ 280,000
- 3/4-Ton Crew Cab Pickup with Snow Plow.....\$ 51,000
- \$ 331,100**

Equipment replacement is based upon a scheduled rotation that helps limit the financial impact on any one year. The equipment that will be about ten years old.

Existing Conditions:

The current equipment has reached the end of its useful and dependable life. Significant maintenance costs can be expected if this equipment is kept in service.

Justification: *Public Safety; Operating Efficiency; Condition of Existing Facility*

Replacement of the equipment noted above is necessary to provide services to the residents and repair the City's infrastructure. Without replacement, it will not only have an effect on public safety, it will also affect the City's operating efficiency due to down time for equipment repairs.

Operating Budget Impact:

Replacement of older equipment helps reduce the overall annual maintenance costs of the Public Works fleet. Using older equipment can result in significant increases in repair bills and increased equipment downtime, which reduce staff's ability to operate efficiently to provide services to the residents.

Comments:

Capital equipment includes equipment costing more than \$20,000 and having a useful life of at least five years. Public Works staff plans to sell the replaced equipment at auction after the new replacement vehicle arrives. The amount of revenue from the auctioned equipment helps to offset the cost of new equipment.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 331,100
Other	\$ 0
Total Cost (FY2023)	\$ 331,100

Total Cost (FY2023)	\$ 331,100
Outside Funding Source (N/A)	\$ 0
City Share	\$ 331,100

GOLF COURSE CAPITAL EQUIPMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$25,000	\$0	\$45,000	\$50,000	\$0	\$50,000	TBD

Project Description:

The following major equipment purchases are planned at the Creve Coeur Golf Course as replacements for older equipment:

- FY2024 – Greens Mower.....\$ 45,000
- FY2025 – Rough Mower.....\$ 50,000
- FY2027 – Fairway Mower.....\$ 50,000
- \$ 100,000**

These vehicles are used to maintain the fairways, rough, and greens at the golf course. The equipment that will be replaced will range in age from 14-25 years old at the time of replacement.

Existing Conditions:

The golf course staff uses a small fleet of equipment to maintain the golf course. Some of the existing equipment has begun to wear out with age, resulting in limited use, declining performance, and/or increased repair costs. Certain equipment, like the turf vehicles, are used for a variety of tasks. Other equipment, like the rough mower, has no back-up for its function.

Justification: *Condition of Existing Equipment; Operating Efficiency; Coordination*

Properly functioning and reliable equipment is needed for the effective maintenance of the golf course. The 2015 *Analysis of Golf Course Existing Conditions for Needs Assessment* report found that all of the equipment that is proposed for replacement has exceeded its useful life. The report recommended that all of this equipment be replaced by 2019.

Operating Budget Impact:

New equipment will be expected to require less maintenance than the current equipment, which should result in lower operating costs.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 145,000
Other	\$ 0
Total Cost (FY2023-FY2027)	\$ 145,000

Total Cost (FY2023-F2027)	\$ 145,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 145,000

POLICE DEPARTMENT CAPITAL EQUIPMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$37,000	\$42,000	\$0	\$0	\$0	\$0	\$0

Project Description:

The Police Department plans to purchase a new investigations vehicle in FY2022.

Existing Conditions:

The new vehicle will be an SUV and will replace a ten-year-old Chevrolet Impala.

Justification: *Condition of Existing Equipment; Operating Efficiency*

The Police Department typically keeps its investigations vehicles in service for 6-8 years before maintenance costs and general wear begin to add up. The vehicle that the proposed investigations vehicle will replace is beyond the average life span in the investigations fleet.

Operating Budget Impact:

A new vehicle should have fewer maintenance needs than a ten-year-old vehicle, so a slight reduction in operating costs will be expected.

Comments:

A hybrid vehicle is often a consideration for new police vehicles, but a hybrid would not be a cost-effective option for an investigation vehicle, due to the limited amount of idling time expected for this vehicle.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 42,000
Other	\$ 0
Total Cost	\$ 42,000

Total Cost	\$ 42,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 42,000

MEETING MANAGEMENT SOFTWARE

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$20,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the procurement and implementation of new computer software to help assist with the City's agenda management process. Staff is considering cloud-based software that would streamline the agenda management process, improve access to public records, and better manage the City's boards and commissions.

Existing Conditions:

The City currently uses MinuteTraq as its meeting management software. The last time that the City sought bids for this software was in 2013.

Justification: *Operating Efficiency*

More capable and efficient software should allow the City's administrative staff to be more effective with developing, posting, and managing meeting agendas and packets and should provide an added dimension with regard to the public's access to information and documents.

Operating Budget Impact:

A monthly or annual licensing fee is expected for the software, but the software has not yet been selected, so any fees are not yet known.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 20,000
Other	\$ 0
Total Cost	\$ 20,000

Total Cost	\$ 20,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 20,000

PROJECT MANAGEMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$93,082	\$143,900	\$148,300	\$152,800	\$157,400	\$162,200	TBD

Project Description:

This line item includes the costs associated with the full-time salary and benefits for two civil engineers to help oversee the design and construction of projects outlined in the Capital Improvement Program: one civil engineer will be 100% funded through the Capital Fund; the second civil engineer will be 50% funded through the Capital Fund and 50% funded through the Parks and Stormwater Fund.

Existing Conditions:

Engineering staff assists the Director of Public Works with monitoring construction activity, preparing contract documents, performing design surveys, and the overall management of the Capital Improvement Program.

Justification: *Operating Efficiency*

The responsible and effective administration of the City's capital improvement projects, and grant-related projects in particular, requires expertise and significant staff time. Projects often have similar schedules, and multiple projects can require immediate attention at the same time. The City's Public Works Administrative staff is too small to consistently accommodate the demands of these projects while also meeting the expectations for the various other services provided by the Department of Public Works.

Operating Budget Impact:

Annual costs for this position include ongoing employee training, city equipment, cell phone, and general supplies, which are anticipated to be approximately \$1,000 per year.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 143,900
Total Cost (FY2023)	\$ 143,900

Total Cost (FY2023)	\$ 143,900
Outside Funding Source (N/A)	\$ 0
City Share	\$ 143,900

PARKS AND STORMWATER FUND

In November 2020, Creve Coeur voters approved a half-cent sales tax, the revenue from which is dedicated to the operations, maintenance, and improvements needed for the City's parks, recreation, and stormwater infrastructure. Most of the City's projected investments into parks and stormwater are proposed to be financed through this fund.

Parks and Stormwater Fund Revenues

The City's Parks and Stormwater Fund has two main funding sources: a half-cent parks and stormwater sales tax and reimbursement from grants and other outside funding. Together, these funding sources are projected to generate approximately \$13.13 million over the FY2023-FY2027 CIP.

Half-Cent Parks and Stormwater Sales Tax. The projected sales tax revenues are approximately \$12.07 million for the FY2023-FY2027 CIP, which averages out to approximately \$2.41 million per year in the plan.

Grants and Outside Funding. There are two primary outside funding sources for parks and stormwater improvements: the Municipal Park Grant and MSD OMCI reimbursement program.

- *Municipal Park Grant.* The City can seek Municipal Park Grant to supplement up to \$475,000 for parks improvements about every other year. This funding source will be shared with the Capital Fund and will be identified in the proper fund as projects are identified.
- *MSD OMCI Reimbursement.* The Metropolitan St. Louis Sewer District (MSD) offers a reimbursement program for stormwater-related operations, maintenance, and construction improvements (OMCI) expenses in the Deer Creek watershed, which is generally the area in Creve Coeur east of Interstate 270 and south of Olive Boulevard. The City plans to seek approximately \$1 million in reimbursement from this program over the five-year CIP.

Parks and Stormwater Fund Expenses

This sales tax revenue does not have a designated division of how it will be spent, but the City Council can decide to set the allocation amounts or to evaluate the division of funds through each CIP process. The proposed five-year CIP includes the following allocation of the sales tax revenue:

- Parks Projects..... 50%
- Stormwater Projects..... 25%
- Capital Project Administration..... 5%
- Parks and Stormwater Operations & Maintenance..... 20%

Funding for parks is proposed to be the greatest portion due a backlog of deferred parks maintenance, the improvements envisioned through the Parks and Recreation Master Plan, and the initial stormwater focus on smaller projects and the development of a Stormwater Management Plan.

At this time, the proposed CIP does not include investment into the Dielmann Recreation Complex or the Creve Coeur Golf Course through the Parks-Stormwater Tax Fund. Projects involving this property are included in the Capital Fund.

Summaries of the projected revenues and expenses for the Parks and Stormwater Fund are included below, and details about the projects and other expenses that are proposed to be financed through this fund can be found in the project summary sheets that follow.

IMPLEMENTATION OF PARK MASTER PLAN

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$0	\$800,000	\$800,000	TBD

Project Description:

This line item in the CIP reserves funding for significant park improvements that follow the guidance from the Parks and Recreation Master Plan and other related parks planning documents. As the individual projects are identified and scheduled, these projects will be broken out as separate line items. The first phase of improvements to Millennium Park is planned for FY2023, and the first phase of improvements to Venable Park is planned for FY2025. A project sheet for each of these projects is included later in this report.

Projects will include such improvements as creating new parks amenities, repaving park trails, the replacement of aging tennis courts, playgrounds, and other features, or a combination thereof. Projects of the scale envisioned here will probably require some design and planning, so construction is generally scheduled every other year.

Existing Conditions:

The Parks and Recreation Master Plan lists many improvements for the City's parks. Some improvements will become priorities due to the conditions of the existing facilities that will be replaced, but some improvements will be a priority due to the new facilities that they will offer for parks users.

Justification: *Condition of Existing Facility; Coordination; Community Demand*

The Parks and Recreation Master Plan was adopted by the City Council in 2019 and serves as part of the foundation for the parks and stormwater sales tax that the residents of Creve Coeur approved in 2020. Implementing this plan and preserving the parks are necessary to meet the demands of the residents of Creve Coeur.

Operating Budget Impact:

Improvements to the parks will have varying impacts to the costs to operate and maintain the parks.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ TBD
Land Acquisition	\$ 0
Construction	\$ TBD
Equipment	\$ 0
Other	\$ 0

Total (FY2023-FY2027)	\$ 1,600,000
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Total Cost (FY2023-FY2027)	\$ 1,600,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 1,600,000

HISTORIC BUILDING REHABILITATION AND PRESERVATION

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$25,000	\$0	\$0	\$25,000	\$25,000	TBD

Project Description:

This project sets aside annual funding for repairs and improvements to the Lake School House at Lake School Park and to the Tappmeyer House at Millennium Park. In FY2023, the focus will be on repairing the front porch at Lake School. Funds in FY2026 may focus on stabilizing the support for Lake School and cleaning up the Lake School basement, or future funding years could be combined to allow for a larger project.

Existing Conditions:

The front porch of the Lake School House needs to be stabilized to correct its sagging roof, some of the wood on the front of the building needs to be replaced, and a support column in the school's basement needs to be upgraded and/or replaced. The accessible lift and other aspects of the Tappmeyer House need regular maintenance and will eventually require replacement.

Justification: *Condition of Existing Facility; Protection and Conservation*

Like any of the City's buildings and facilities, the Lake School House and Tappmeyer House will need regular routine maintenance and improvements to remain structurally sound and attractive

Operating Budget Impact:

Improvements to the locally historic buildings will help reduce the maintenance needs and costs for these buildings.

Comments:

Funds budgeted for FY2022, FY2024, and FY2025 were reduced to zero in this line item in order to fund the City's contribution toward moving the Clester Cabin and the Hackmann Cabin from Conway Park to St. Louis County's Faust Park.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 75,000
Equipment	\$ 0
Other	\$ 0
Total (FY2022-FY2026)	\$ 75,000

Total Cost (FY2022-FY2026)	\$ 75,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 75,000

CONWAY PARK CABINS RELOCATION

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$75,000	\$0	\$0	\$0	\$0	\$0

Project Description:

The locally historic Clester Cabin and Hackmann Cabin are both currently located at Conway Park. This project involves the City's contribution toward a St. Louis County project to carefully dismantle these cabins and then rebuild them at St. Louis County's Faust Park, where the cabins would be restored and on public display. A second phase of the project will involve restoring the current footprints of the cabins as lawn area. The restoration work will closely follow the removal of the cabins in FY2023.

Existing Conditions:

The Clester Cabin and the Hackmann Cabin are both currently in a state of disrepair following years of limited parks funding. Both cabins require structural and cosmetic repairs, and both cabins require significant exterior maintenance to prevent rain and animals from penetrating the walls.

Justification: *Coordination; Condition of Existing Facility; Protection and Conservation*

A recent study of these cabins found that the cabins require about \$200,000 of work on their exterior in order to provide an adequate seal from the weather, and the City determined that this was too great of an investment to make into these buildings. The opportunity to have the cabins reside at Faust Park will allow the cabins to be restored and actively maintained by experts in the field while also allowing the cabins to be on public display in a way that was not possible in Creve Coeur.

Operating Budget Impact:

Relocation of the cabins will eliminate operating costs related to inspecting and repairing the cabins.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 20,000
Equipment	\$ 0
Other	\$ 55,000
Total	\$ 75,000

Total Cost	\$ 75,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 75,000

PARK RESTROOM RENOVATIONS

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$35,600	\$40,000	\$200,000	\$0	\$0	\$0	TBD

Project Description:

This project involves further investigation into and design of renovations for the parks' seasonal restroom facilities in order to allow these restrooms to remain open for the entire year. The review in FY2021-FY2022 found significant differences in opinion for renovation and replacement costs, so additional design work is proposed before beginning construction. The renovation of the Conway Park restroom will be planned for FY2024 if the renovation proves to be feasible and advisable.

Existing Conditions:

The restroom facilities at Conway Park, Lake School Park, Malcolm Terrace Park, and Venable Park were constructed about 20 years ago and are substantially similar buildings based upon a common design. That design includes cinder block walls and an open-air roof meant for warm-weather, seasonal operation. The buildings do not have temperature controls, insulation, or buried water service lines.

Justification: *Community Demand; Coordination*

One of the primary user requests in the Parks and Recreation Master Plan was to offer year-round restroom facilities in the parks.

Operating Budget Impact:

Having the restrooms open for more or all of the year will generate additional utility costs than the City currently pays. However, the main impact to the operating budget may be the need to staff the daily cleaning of the restrooms between the months of October and April when the restrooms are currently closed. The City will need to evaluate whether the restrooms can be cleaned effectively with the current staffing levels during labor-intensive operations, such as fall leaf collection and winter snow removal.

Comments:

Renovation or replacement of the restrooms at Lake School Park, Malcolm Terrace Park, and Venable Park will be evaluated based upon the FY2023 design and may be planned for future years, likely to be completed in conjunction with other improvements in these parks.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 62,460
Land Acquisition	\$ 0
Construction	\$ 213,140
Equipment	\$ 0
Other	\$ 0
Total	\$ 275,600

Total Cost	\$ 275,600
Outside Funding Source: N/A	\$ 0
City Share	\$ 275,600

PARK IDENTIFICATION SIGNAGE MASTER PLAN

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$20,000	\$0	\$0	\$0	\$0

Project Description:

This project includes the City contracting with a consultant to review and assess the effectiveness of the signs that identify and lead visitors to the City's parks and recreational facilities. The consultant would then provide recommendations for improved or new signs.

Existing Conditions:

The signs that identify City parks and facilities are of varying styles and are aging, and some are damaged and in need of replacement.

Justification: *Condition of Existing Facility; Coordination; Beautification*

Development of a Sign Master Plan for the City's parks and recreational facilities was included as an action item in the FY2018-2021 Strategic Plan and is supported by the Park and Historical Preservation Committee.

Operating Budget Impact:

This is a design and cost estimate for the purchase and construction new signage. While this design is not expected to have an effect on the operating budget, the eventual replacement of the signs could reduce maintenance costs.

Comments:

The goal is to create a signage theme so that there are similarities with all City signs, thus creating sign branding unique to Creve Coeur.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 20,000
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 0
Total	\$ 20,000

Total Cost	\$ 20,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 20,000

PARK PARKING LOT SEALING

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$15,570	\$0	\$0	\$0	\$0	\$25,000	\$0

Project Description:

This project involves minor pavement repairs, crack sealing, seal coat, and restriping lines and arrows for the parking lots at Conway Park, Lake School Park, Millennium Park, and Venable Park. The pavement of these lots is generally in good condition, but minor repairs and sealing will help preserve and extend the life of the lot pavement. Routinely sealing and striping the parking lots also presents an attractive and intuitive parking lot for park visitors. This project proposes to seal the lots on a five-year cycle.

Existing Conditions:

Most of the asphalt pavement in the parking lots at Conway Park, Lake School Park, Millennium Park, and Venable Park is in good condition. Over time, the asphalt will deteriorate, and both the asphalt and the parking lot lines will fade.

Justification: *Condition of Existing Facility; Beautification*

Repairs, crack sealing, and a seal coat for the asphalt pavement combine to provide good preventive maintenance for asphalt pavement, and such preventive maintenance will delay more intense and more costly repairs. Newly painted lines will clarify the parking spaces and will make the lots easier to use. In addition, the parking lot is one of the first things that most parks visitors see, and the sealing and repainting will have an element of park beautification to help make that first impression a good one.

Operating Budget Impact:

Preventive maintenance will help reduce the need for City staff to make repairs to the parking lots.

Comments:

Improvements to the lots at Conway Park and Malcolm Terrace Park are not included in this project, because those lots are planned to be incorporated into other projects.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 25,000
Equipment	\$ 0
Other	\$ 0
Total (FY2023 - FY2027)	\$ 25,000

Total Cost (FY2023 - FY2027)	\$ 25,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 25,000

PARK FURNITURE REPLACEMENT (LAKE SCHOOL AND MALCOLM TERRACE PARKS)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$30,000	\$0	\$0	\$0	\$0

Project Description:

This project involves the replacement of benches, trash receptacles, picnic tables, and barbecue pits in the parks. This effort will focus on Malcolm Terrace Park and Lake School Park in FY2024.

Existing Conditions:

The City offers dozens of benches, trash receptacles, and picnic tables and approximately ten barbecue pits for parks visitors to use and enjoy. Much of this furniture is original to each park, and many pieces have deteriorated with time. Some of the furniture has broken and needs to be removed or replaced. The style of the furniture is inconsistent among the parks and sometimes inconsistent within a particular park.

Justification: *Condition of Existing Facility; Beautification; Operating Efficiency*

Replacement of the park furniture will provide new facilities for parks visitors to use and will provide a visual improvement over the existing faded and broken furniture. The new furniture will be installed with accessibility as a primary consideration.

Operating Budget Impact:

New furniture will be expected to be virtually maintenance-free for the next 5-10 years.

Comments:

Replacement of the furniture at Millennium Park and at Venable Park will be incorporated into the Phase 1 improvements planned for those parks in FY2023 and FY2025, respectively.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 30,000
Other	\$ 0
Total	\$ 30,000

Total Cost	\$ 30,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 30,000

MALCOLM TERRACE PARK TRAIL IMPROVEMENTS

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$71,150	\$0	\$0	\$0	\$50,000	\$0	\$0

Project Description:

In FY2022, the wooded trails in Malcolm Terrace Park were re-established as rock trails, trail markers were installed along each trail, protective railings were installed along areas bordering Deer Creek, and trail maps were installed at each entrance to the trail system. This project plans for rock and drainage repairs along these paths in FY2026.

Existing Conditions:

Over a mile of nature trails weave through the woods of Malcolm Terrace Park. These trails are currently in good condition.

Justification: *Community Demand; Operating Efficiency*

One of the goals set out in the City's Strategic Plan was to establish a more options for pedestrians. The Parks and Recreation Master Plan also called for the expansion of the parks trail network. Planned maintenance for the trails will help keep the trails in good condition and in service.

Operating Budget Impact:

Clearing the brush and other growth along the paths has been added to the City's annual parks mowing services contract.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 121,150
Equipment	\$ 0
Other	\$ 0
Total	\$ 121,150

Total Cost	\$ 121,150
Outside Funding Source: N/A	\$ 0
City Share	\$ 121,150

MILLENNIUM PARK IMPROVEMENTS – PHASE 1

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$50,000	\$1,600,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves a site design for the west half of Millennium Park and the replacement of the playgrounds, splash pad, and connecting walkways in this section of the park. The new playground will be larger than the existing two playgrounds, and the new splash pad will offer additional features from what is in place today. Both the playground and the splash pad will be partially shaded by fabric shades that will be constructed as part of this project. All of the benches in throughout the park will be replaced through this project

Existing Conditions:

The playground and splash pad at Millennium Park have served the City well, but both are about 20 years old and are wearing out. The playground equipment has begun to fail, and some elements have been removed or replaced in recent years. Although the larger safety surface continues to provide the required fall protection for the playground, this surface is beyond its recommended lifespan.

Justification: *Community Demand; Condition of Existing Facility; Coordination*

These improvements to Millennium Park are the first phase of the implementation of the City's Parks and Recreation Master Plan and of the Millennium Park Master Plan. The playground and splash pad were selected as the first phase of improvements due to their popularity as the central features of Millennium Park and due to their age and deteriorated condition.

Operating Budget Impact:

New parks features are expected to require much less maintenance than the existing features.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 50,000
Land Acquisition	\$ 0
Construction	\$ 1,600,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 1,650,000

Total Cost	\$ 1,650,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 1,650,000

MILLENNIUM PARK TRAILS AND RIDGEMOOR FOREST CONNECTION

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$100,000	\$500,000	\$0	\$0	\$0	\$0

Project Description:

This project involves the design and construction for three new pedestrian bridges and a new trail through the woods along the south side of Millennium Park. One of these bridges would create a new connection between Millennium Park and the Ridgemoor Forest subdivision at the north end of Deland Drive.

Existing Conditions:

Informal, dirt trails currently exist where the proposed subdivision connection and wooded trails would be located.

Justification: *Community Demand; Condition of Existing Facility; Coordination*

The most popular improvement that residents requested during the development of the Parks and Recreation Master Plan and the Millennium Park Master Plan was expanded trails in the parks. The proposed project would replace informal, uneven, dirt trails with gravel trails and would replace the informal creek crossings with pedestrian bridges that can provide easy access to the park and its trails.

Operating Budget Impact:

Maintenance of these bridges and trails is expected to be minimal at first, but it may become necessary to routinely trim back the brush along the new trails.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 100,000
Land Acquisition	\$ 0
Construction	\$ 500,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 600,000

Total Cost	\$ 600,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 600,000

LAKE SCHOOL PARK TENNIS COURT LIGHTING

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$40,000	\$0	\$0	\$0	\$0

Project Description:

This project involves replacing the existing light fixtures at the Lake School tennis courts with LED fixtures that are designed to provide a consistent amount of light across the courts. The existing light poles would remain in place, and only the fixtures would be replaced through this project.

Existing Conditions:

The current lights have been in place for many years and are aging. The lights illuminate the courts, but the lighting is not even, and the lighting spills out to the surrounding area.

Justification: *Condition of Existing Facility; Operating Efficiency*

Replacing the existing lights with LED fixtures that are designed for the courts will have a significant difference in the illumination level for the tennis courts. The LED fixtures will be more energy efficient than the existing fixtures.

Operating Budget Impact:

Although the new LED fixtures will require less electricity than the current light fixtures, the annual savings to the City will probably be minimal.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 10,000
Land Acquisition	\$ 0
Construction	\$ 30,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 40,000

Total Cost	\$ 40,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 40,000

VENABLE PARK IMPROVEMENTS – PHASE 1

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$50,000	\$1,500,000	\$0	\$0	\$0

Project Description:

The exact scope of this project has not yet been determined, but it could include elements from the Parks and Recreation Master Plan, such as the renovation of the restroom building for year-long operation, replacement of the tennis courts, replacement of the playground safety surface, a memorial to Dr. H. Phillip Venable, new furniture, and improved accessibility.

Existing Conditions:

Several of the facilities at Venable Memorial Park are aging and require updates or replacement. The asphalt tennis courts have been overlaid multiple times and can no longer be reliably repaired, and facilities like the pavilion, asphalt paths, and playground safety surface have not been updated in the past ten years.

Justification: *Community Demand; Condition of Existing Facility; Coordination*

The project will coordinate with the recommendations of the Parks and Recreation Master Plan and the preliminary planning efforts for Venable Park.

Operating Budget Impact:

New facilities are expected to require less annual maintenance and fewer funds than the existing equipment.

Comments:

In FY2023, the City plans to work with a national design firm to begin planning out improvements to Dr. H. Phillip Venable Memorial Park that are consistent with the Parks and Recreation Master Plan.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 50,000
Land Acquisition	\$ 0
Construction	\$ 1,500,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 1,550,000

Total Cost	\$ 1,550,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 1,550,000

CONWAY PARK PARKING LOT EXPANSION

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$30,000	\$200,000	\$0	\$0

Project Description:

This project involves the design and construction of additional parking in Conway Park. The additional parking may come through expanding the parking lot to the north, west, and/or south, or it could come as a result of eliminating islands and reorganizing the lot. The entire parking lot will be repaved following the modifications to increase the number of parking spaces.

Existing Conditions:

The parking lot at Conway Park is located at the south end of the park – where the park is its most narrow - and can accommodate about 40 vehicles. This lot is routinely over 50% full, which staff attributes to the popularity of the City's dog park. The proposed addition of pickleball courts at Conway Park may create demand in excess of what is available, especially when the weather is favorable.

Although the Conway Park parking lot was last repaved in 2012, the asphalt pavement remains in only fair condition. Pavement resurfacing or pavement reclamation may be necessary by FY2026.

Justification: *Community Demand; Condition of Existing Facility; Coordination*

One of the recommendations in the Parks and Recreation Master Plan is to expand parking at Conway Park. Incorporating the parking lot expansion with the lot's repaving should provide the City with the best construction cost for this work.

Operating Budget Impact:

A new asphalt surface will require minimal maintenance and less maintenance than the existing lot.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 30,000
Land Acquisition	\$ 0
Construction	\$ 200,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 230,000

Total Cost	\$ 230,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 230,000

PLAYGROUND SAFETY SURFACE REPLACEMENT (CONWAY PARK)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$0	\$100,000	\$0	TBD

Project Description:

This project involves the replacement of damaged areas and rejuvenation or replacement of the rubberized safety surface beneath the City's playground at Conway Park.

Existing Conditions:

The rubberized surfaces beneath the City's playgrounds provide the required protection for children and other users against injury from a fall off of the playground or swing set. These surfaces lose their flexibility over time, and generally need to be rehabilitated or replaced within 12-15 years. The safety surface at Conway Park was installed in 2011 and will be about 15 years old in FY2026. Staff will continue to evaluate the surfaces at Conway Park, Millennium Park, and Venable Park and will recommend repairs or replacement to these surfaces accordingly.

Justification: *Condition of Existing Facility; Coordination; Operating Efficiency*

Keeping the safety surface of the City's playgrounds in good condition is required for the continuing use of the playgrounds and the safety of the playgrounds' users.

Operating Budget Impact:

None.

Comments:

The safety surface beneath the primary playground at Millennium Park is scheduled for replacement in FY2023 as part of the Millennium Park Phase 1 project, and the safety surface for the playground at Venable Park is scheduled for replacement in FY2025 as part of the Venable Park Phase 1 project.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 100,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 100,000

Total Cost	\$ 100,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 100,000

STORMWATER MANAGEMENT STUDY

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$200,000	\$300,000	\$0	\$0	\$0	\$0

Project Description:

This project involves an in-depth study of stormwater behavior and needs throughout Creve Coeur in order to provide a sound, clear, and prioritized basis for the City's stormwater management program. This process will include the review of existing studies and resident complaints and an investigation of the creeks and infrastructure in Creve Coeur in order to create a prioritized and coordinated list of improvements.

Existing Conditions:

The last City-wide study was completed in the 1990's and was updated with additional project reviews in 2012. The study is outdated and does not provide a comprehensive list of issues and improvements to guide a stormwater program.

Justification: *Community Demand; Condition of Existing Facility; Coordination; Operating Efficiency*

In previous years, the City's capital improvement budget allowed for a small stormwater program that could only respond to emergencies. With the residents' approval of the parks and stormwater sales tax, the City is now poised to have a planned and proactive stormwater program. Creating a comprehensive stormwater management study will help guide the stormwater program to operate in a logical and efficient manner.

Operating Budget Impact:

Development of the stormwater management study will not impact the operations and maintenance budget.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 500,000
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 0
Total	\$ 500,000

Total Cost	\$ 500,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 500,000

IMPLEMENTATION OF THE STORMWATER MANAGEMENT PLAN

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$100,000	\$500,000	\$500,000	\$600,000	TBD

Project Description:

This line item represents the City's planned investment into stormwater improvements that will begin to be designed and constructed following the completion of the Stormwater Management Study. The locations and types of the projects are not yet known, but it is expected that the design of the highest priority projects in the Stormwater Management Plan will begin in FY2025 and that construction of these projects may begin as early as FY2026. The actual schedule will depend on the complexity of the highest-priority projects. The projects and their associated costs will become specific line items in the CIP as they are defined, so this line item may not be necessary in future versions of the CIP.

Existing Conditions:

The creeks that run through Creve Coeur have locations where erosion exists along their banks, and some streets are served by outdated or deteriorating stormwater infrastructure.

Justification: *Community Demand; Condition of Existing Facility; Coordination; Operating Efficiency*

The residents of Creve Coeur approved the parks and stormwater sales tax in late 2020, which gives the City the ability to create a planned and proactive stormwater program.

Operating Budget Impact:

Calls for staff to investigate stormwater concerns are expected to decrease as capital projects address stormwater issues.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ TBD
Land Acquisition	\$ TBD
Construction	\$ TBD
Equipment	\$ 0
Other	\$ 0
Total (FY2023-FY2027)	\$ 1,700,000

Total Cost (FY2023-FY2027)	\$ 1,700,000
Outside Funding Source: N/A	\$ 0
City Share	\$ 1,700,000

STORMWATER IMPROVEMENTS (DEER CREEK - DEER CREEK OMCI)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$224,000	\$224,000	\$224,000	TBD

Project Description:

This line item is similar to the Stormwater Improvements per Management Study line item, in that it represents planned investment into the City's public stormwater infrastructure following the anticipated completion of the Stormwater Management Study. The distinction of this line item is that it involves investments into the Deer Creek watershed that will be at least partially funded through MSD's Operations, Maintenance, and Construction Improvement (OMCI) reimbursement program that applies only to the Deer Creek watershed. The actual type and schedule of projects in FY2024 and beyond will depend on the findings of the Stormwater Management Study and the scale and complexity of the highest-priority projects. The projects and their associated costs will become specific line items in the CIP as they are defined, and this line item may not be necessary in future versions of the CIP.

Existing Conditions:

The Deer Creek watershed generally includes the portion of Creve Coeur that is east of Interstate 270 and south of Olive Boulevard. Stormwater-related improvements within this area are eligible for reimbursement through MSD's OMCI program, which is funded through property taxes in the Deer Creek watershed.

Justification: *Condition of Existing Facility; Coordination; Availability of Outside Funding*

MSD offered to allow the City to seek reimbursement for the City's stormwater priorities within the Deer Creek watershed so that taxes paid in Creve Coeur will help make improvements in Creve Coeur. Improvements will follow the priorities set by the Stormwater Management Study.

Operating Budget Impact:

Capital improvements to the City's stormwater infrastructure are expected to reduce operating expenses for site reviews, maintenance, construction of repairs, and stabilization efforts.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ TBD
Land Acquisition	\$ TBD
Construction	\$ TBD
Equipment	\$ 0
Other	\$ 0
Total (FY2023-FY2027)	\$ 672,000

Total Cost (FY2023-FY2027)	\$ 672,000
Deer Creek Operations Maintenance and Construction Improvement (OMCI) Reimbursement	\$ 672,000
City Share	\$ 0

HIBLER ROADSIDE DRAINAGE

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$25,000	\$25,000	\$100,000	\$0	\$0	\$0	\$0

Project Description:

This project will involve the re-establishment and improvement of roadside drainage along Hibler Road at several locations between Mason Road and Hibler Oaks Drive. Improvements will include new and improved roadside drainage swales and may incorporate some new curbing. Design is planned for FY2022-FY2023, and construction is planned for FY2024.

Existing Conditions:

Portions of Hibler Road do not have curbing and use roadside swales and the adjacent grades to carry stormwater runoff. City staff have received complaints that this approach does not always work, and investigation into the complaints has found that improvements are recommended.

Justification: *Community Demand; Condition of Existing Facility; Operating Efficiency*

This project aims to address the concerns raised by several area residents and to improve the stormwater performance along Hibler Road.

Operating Budget Impact:

Addressing this concern through capital improvements will eliminate the need for City staff to attempt to address the situation through maintenance operations.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 50,000
Land Acquisition	\$ 0
Construction	\$ 100,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 150,000

Total Cost	\$ 150,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 150,000

ALDEN LANE DRAIN REPLACEMENT (DEER CREEK OMCI)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the design and construction needed to replace a small storm drain system that serves a section of Alden Lane. Design is planned in FY2022, and construction is planned in FY2023.

Existing Conditions:

The drain system includes two small inlets – one on each side of Alden Lane – that carry stormwater from the street and the north side of Alden Lane to a small creek on the south side of the street. The drains are not standard drains and clog easily with mulch or leaf debris, and the clogged drains cause roadway flooding. In addition, an apparent failure of the drainage pipe has caused a large hole to form near the side of Alden Lane. This hole was found to be a potential hazard and has been filled with rock as a temporary measure.

Justification: *Community Demand; Condition of Existing Facility; Operating Efficiency*

Replacement of the existing inlets and pipes will improve the capacity and performance of this small stormwater system and will eliminate the hole that has formed. The new drains will have larger openings that will make them much less likely to clog.

Operating Budget Impact:

Replacement of the non-standard drains will eliminate the need for staff to monitor the inlets for clogs during typical rain storms, and replacing the pipes will eliminate the need for staff to monitor the area to see if the hole has formed again.

Comments:

This project is located within the Deer Creek watershed, meaning that the City will be eligible for reimbursement of design and construction costs through MSD's Operations, Maintenance, and Construction Improvements (OMCI) reimbursement program.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 20,000
Land Acquisition	\$ 0
Construction	\$ 20,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 40,000

Total Cost	\$ 40,000
Deer Creek Operations Maintenance and Construction Improvement (OMCI) Reimbursement	\$ 40,000
City Share	\$ 0

BALLAS CULVERT EROSION REHABILITATION (DEER CREEK OMCI)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$25,000	\$50,000	\$250,000	\$0	\$0	\$0	\$0

Project Description:

This project involves the design and construction needed to address creek erosion for a short section of creek starting at the east side of South New Ballas Road and extending east behind the homes on Tarrytown Drive to the City line. Design is planned for FY2022-FY2023, and construction is planned for FY2024. Easements may be necessary. If so, the type and size of these easements will be determined early in the design process, and these could impact the extent and schedule of this project.

Existing Conditions:

A stormwater culvert runs beneath South New Ballas Road just south of Tarrytown Drive, and water flows from west to east through this culvert. Significant erosion has been observed at the downstream (east) end of the culvert. City staff have also received complaints regarding erosion, poor drainage, and flooding along this creek downstream of New Ballas Road.

Justification: *Community Demand; Condition of Existing Facility; Operating Efficiency*

Improvements to address the erosion at the downstream end of the culvert will help prevent the situation from deteriorating to the point that it will impact South New Ballas Road, the most heavily traveled section of road that the City maintains. Addressing the creek downstream as part of this project should be less expensive and less intrusive to the neighboring properties than if the two projects were completed independently.

Operating Budget Impact:

None.

Comments:

This project is located within the Deer Creek watershed, meaning that the City will be eligible for reimbursement of design and construction costs through MSD's Operations, Maintenance, and Construction Improvements (OMCI) reimbursement program.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 75,000
Land Acquisition	\$ 0
Construction	\$ 250,000
Equipment	\$ 0
Other	\$ 0

Total	\$ 325,000
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Total Cost	\$ 325,000
Deer Creek Operations Maintenance and Construction Improvement (OMCI) Reimbursement	\$ 325,000
City Share	\$ 0

GOLF COURSE POND AERATION (DEER CREEK OMCI)

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$25,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the addition of an aeration system for the south pond at the Creve Coeur Golf Course. The aerator was originally intended to be part of the dam stabilization project in 2017, but the need to upgrade the electrical power feed for the aerator forced the aerator to be eliminated from the dam project.

Existing Conditions:

A small electrical supply is located on the west side of the pond, slightly north of the #5 green. This electric supply currently powers the fountain in the pond, but it will need to be upgraded to be able to handle an aerator as well. The 2017 dam project removed the built-up silt from the pond, which made the pond deeper. An aerator will help circulate the water and promote a clear and algae-free pond.

Justification: *Condition of Existing Facility; Beautification; Availability of Outside Funding*

From a practical point of view, the aerator will help the City extend its investment into the pond. From an aesthetic point of view, the clarity of the pond that the aerator will promote will look better to golfers than an algae-covered pond would.

Operating Budget Impact:

The cost for the electricity for the aerator is expected to be negligible compared to the overall electricity needs of the Golf Course.

Comments:

This project is located within the Deer Creek watershed, meaning that the City will be eligible for reimbursement of design and construction costs through MSD's Operations, Maintenance, and Construction Improvements (OMCI) reimbursement program.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 5,000
Land Acquisition	\$ 0
Construction	\$ 20,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 25,000

Total Cost	\$ 25,000
Deer Creek Operations Maintenance and Construction Improvement (OMCI) Reimbursement	\$ 25,000
City Share	\$ 0

HIBLER WOODS DRAIN REPLACEMENT

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$20,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the replacement of a broken trench drain that extends across Hibler Woods Drive.

Existing Conditions:

A resident in the Mason Forest Subdivision reported that one of the grates of this trench drain was broken in 2020, and City staff welded a repair for this grate as a temporary measure. As has been the case with several other trench drains in Creve Coeur, these drains are considered part of the street and are not maintained by MSD.

Justification: *Condition of Existing Facility*

The trench drain will need to be replaced in order to provide a sound structure for vehicle and pedestrian traffic.

Operating Budget Impact:

Replacement of the drain should eliminate the need for additional repairs to the drain for at least the next ten years.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 20,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 20,000

Total Cost	\$ 20,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 20,000

STORMWATER CONCEPTUAL PLANS

Estimated Annual Costs						
Prior Years	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$175,000	\$0	\$0	\$0	\$0	\$0

Project Description:

This project involves the investigation of several identified stormwater concerns and the development of preliminary plans for solutions to these concerns. These plans will allow the City to better understand the scope, cost, and public support for each project and will allow the City to more accurately program these stormwater projects into the Capital Improvement Program. The concept plans will be a similar end result as the City should expect for the Stormwater Management Plan, but the focused scope of these plans will allow the City to move forward with the design - and perhaps construction - of stormwater improvements before the Stormwater Management Study is complete.

Existing Conditions:

The concerns that are recommended for investigation include stream bank erosion, insufficient drainage infrastructure, and backyard flooding. Most of the concerns are located within the City's right of way or in the City's parks, which reduces the likelihood that easements will be required for the proscribed improvements.

Justification: *Condition of Existing Facility; Community Demand*

The Stormwater Committee has recommended that the City pursue the design and construction of stormwater improvements on a faster pace than the Stormwater Management Study and plan development will allow. These conceptual plans will give the City the ability to plan out and implement stormwater improvements within the next three years.

Operating Budget Impact:

These conceptual plans will not impact the operating budget.

Comments:

Conceptual plans that are not advanced to design or construction prior to the completion of the Stormwater Management Study will be incorporated into the City's stormwater management plan.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 175,000
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 0
Total	\$ 175,000

Total Cost	\$ 175,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 175,000

PARKS CAPITAL EQUIPMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$30,000	\$0	\$0	\$0	\$0	\$0

Project Description:

The Department of Public Works proposes to purchase a used tractor that will have the power and capability to perform proper maintenance at the parks, including such work as mowing the prairie areas of Conway Park, aerating the parks fields, and trimming brush along the parks' perimeters and paths.

Existing Conditions:

The current tractor is aging and lacks the power to pull the equipment needed to best care for the City's parks. The Department of Public Works has needed to borrow equipment from the golf course to service the parks, because the current tractor was not able to do the job.

Justification: *Condition of Existing Equipment; Operating Efficiency*

The City prides itself on the appearance of its parks, and the athletic fields and green spaces of the parks are significant passive amenities. New equipment is needed to adequately and efficiently service these areas. .

Operating Budget Impact:

Although used, the proposed tractor will have fewer service hours and will likely require less maintenance than the existing equipment.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 30,000
Other	\$ 0
Total Cost	\$ 30,000

Total Cost	\$ 30,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 30,000

PROJECT MANAGEMENT

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$35,000	\$124,965	\$128,800	\$132,700	\$136,700	\$140,900	TBD

Project Description:

This line item includes the costs associated with the full-time salary and benefits for two Public Works staff members to help oversee the design and construction of projects outlined in the Capital Improvement Program: a project manager will be 100% funded through the Parks and Stormwater Fund, and a civil engineer will be 50% funded through the Capital Fund and 50% funded through the Parks and Stormwater Fund.

Existing Conditions:

The City's Department of Public Works manages the implementation of most of the Capital Improvement Program, but this staff consisted of one project manager and two engineers in FY2022. The Public Works staff did not have the capacity to responsibly manage the additional projects and programs made possible by the parks and stormwater sales tax.

Justification: *Operating Efficiency*

The responsible and effective administration of the City's capital improvement projects requires significant staff time. Projects often have similar schedules, and multiple projects often require immediate attention at the same time. The project management and engineering staff provided for in this item will be critical for the parks and stormwater projects to be able to be completed successfully and on time.

Operating Budget Impact:

Annual costs for each position include ongoing employee training, city equipment, cell phone, and general supplies, which are anticipated to be approximately \$1,000 per employee per year.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 0
Equipment	\$ 0
Other	\$ 124,965
Total Cost (FY2023)	\$ 124,965

Total Cost (FY2023)	\$ 124,965
Outside Funding Source (N/A)	\$ 0
City Share	\$ 124,965

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BUILDING PROJECT BOND FUND

In November 2016, Creve Coeur voters approved a ballot measure that authorized the issuance of general obligation bonds of \$10.69 million for the purpose of constructing, furnishing, and equipping a new police station on the existing Government Center property and making safety, security, and accessibility renovations to the existing Government Center.

Building Project Bond Fund Expenses

The expenses for the police building project began in FY2018 and continued through FY2020. This project was completed slightly below budget.

Now that the police building project is complete, the remaining balance of this fund will be allocated to safety, security, and accessibility improvements to the Creve Coeur Government Center and the Police Station. Planning and design for the renovation of the Government Center are identified as a project in the Capital Fund. The renovations of the Government Center are tentatively planned for FY2024 or FY2025. Future Capital Improvement Programs will program the contribution from the Building Project Bond Fund for the Government Center project.

Debt Service

Most of the remaining revenues and expenses for the Building Project Bond Fund involve the debt service for the bonds. The debt service for the Building Project Bond Fund will be paid through a 20-year real estate and personal property tax levy, which is anticipated to sunset in 2037.

The property tax that funds the debt service was reduced by approximately 25% in FY2022 and is proposed to remain at this level through the five-year capital plan.

Summaries of the projected revenues and expenses for the Building Project Bond Fund are included on the next page, and details about the two projects that are proposed to be financed through this fund can be found in the project summary sheets that follow.

POLICE PARKING LOT SECURITY FENCE

Estimated Annual Costs						
Prior Year	FY2023	FY2024	FY2025	FY2026	FY2027	Future
\$0	\$0	\$0	\$80,000	\$0	\$0	\$0

Project Description:

The Police Department's parking lot for its vehicle fleet is located on the east side of the Police Building. Access to this lot is controlled along the driveways with vehicle security barriers, but the lot is otherwise open for pedestrians to enter. This project would construct a fence and automated gates to secure this parking lot.

Existing Conditions:

The parking lot for the City's police vehicles currently limits vehicular access through the use of vehicle security barriers at both entrances to the area. A pedestrian, however, would have only minimal restrictions from entering this parking lot.

Justification: *Public Safety*

The City's police vehicles need to be located in a secure area so that they are most likely to be available to respond to calls for service and emergencies. Although there are not specific CALEA requirements for the proposed fence, there are generally accepted practices in the field of security and emergency management that fencing, barriers, and other "target hardening" methods should be used to protect critical facilities, including police departments, emergency operation centers, and jails – all of which are functions of the Creve Coeur police building.

Operating Budget Impact:

The proposed gates would require electricity to operate, but the additional cost to the City is expected to be negligible.

Comments:

None.

Expenditure Type	Amount
Planning, Design, and Engineering	\$ 0
Land Acquisition	\$ 0
Construction	\$ 80,000
Equipment	\$ 0
Other	\$ 0
Total	\$ 80,000

Total (Building Project Bond Fund Portion)	\$ 80,000
Outside Funding Source (N/A)	\$ 0
City Share	\$ 80,000

CAPITAL FUND
REVENUE AND EXPENSE DETAIL

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

DRAFT 02/24/2022

9501 GOVERNMENT FACILITIES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Accessibility Improvements (CDBG Grant)	-	-	-	-	20,000	20,000	20,000	20,000	20,000
02 Government Center Renovations	30,000	2,862	250,000	80,000	400,000	-	-	-	-
03 Government Center Parking Lot Repairs	-	-	25,000	9,930	-	-	-	-	-
04 Salt Dome Roof Repairs	-	-	60,000	60,000	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal (Government Facilities) % of Total Capital Fund Outlay	30,000 1%	2,862 0%	335,000 8%	149,930 3%	420,000 9%	20,000 0%	20,000 1%	20,000 1%	20,000 1%

9506 PARKS AND RECREATIONAL FACILITIES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Park or Dielmann Complex Improvements (Grant Match)	-	-	-	-	30,500	-	30,500	-	30,500
11 Playground Safety Surface Replacement	30,000	31,988	-	-	-	-	-	-	-
12 Dielmann Recreation Complex Parking Lot Lighting	37,000	43,074	-	-	-	-	-	-	-
13 Park Path Improvements (Municipal Park Grant)	471,000	150,881	-	35	-	-	-	-	-
14 Ice Arena Refrigerant Switchover (Design - Park Planning Grant)	15,000	9,400	20,000	20,000	-	-	-	-	-
15 Malcolm Terrace Parking Lot Improvements (CDBG Grant)	45,000	-	-	-	-	-	-	-	-
16 Dielmann Recreation Complex HVAC Replacement - Phase 2	-	-	110,000	5,000	110,000	-	-	-	-
17 Dielmann Recreation Complex Roof Drainage	-	-	50,000	20,000	30,000	-	-	-	-
18 Ice Arena Flooring Replacement	-	-	-	-	-	200,000	-	-	-
19 Park Restroom Renovations (Design)	-	8,495	-	-	-	-	-	-	-
20 Park Preliminary Design - Millennium Park (Park Planning Grant)	-	10,500	-	7,000	-	-	-	-	-
21 Ice Arena Dehumidification System Repair				60,000	-	-	-	-	-
22 Ice Arena Evaluation and Design				32,000	100,000	-	-	-	-
23 Dielmann Complex Concessions Area Renovation					30,000	-	300,000	-	-
Subtotal (Parks and Recreational Facilities) % of Total Capital Fund Outlay	598,000 18%	254,338 10%	180,000 4%	144,035 3%	300,500 6%	200,000 4%	330,500 9%	- 0%	30,500 1%

9509 STORMWATER	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Stormwater Improvements Per Master Plan	-	-	-	-	-	-	-	-	-
02 Middlebrook Drive Culvert Rehabilitation	-	287,721	-	-	-	-	-	-	-
Subtotal (Stormwater) % of Total Capital Fund Outlay	- 0%	287,721 11%	- 0%	- 0%	- 0%	- 0%	- 0%	- 0%	- 0%

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

CAPITAL FUND
REVENUE AND EXPENSE DETAIL

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

DRAFT 02/24/2022

9510 STREETS AND SIDEWALKS	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Street and Sidewalk Maintenance Program	600,000	651,093	1,375,000	1,406,365	1,400,000	1,421,000	1,442,300	1,463,900	1,485,900
02 Street Reconstruction/Rehabilitation	-	-	-	-	300,000	200,000	-	300,000	
03 North New Ballas Sidewalk Phase 2A (TAP Grant)	-	600	-	-	-	-	-	-	
04 Fernview Sidewalk Concept Plan (Design & Grant Match)	-	7,178	35,000	36,933	-	185,000	160,000	-	
05 New Ballas Median Plantings	20,000	3,200	-	8,800	-	-	-	-	
06 Signal Enhancement Projects	240,000	56,884	180,000	229,427	-	-	-	-	
07 Emerson Road Improvement Project (STP Grant)	605,000	578,016	-	23,353	-	-	-	-	
08 Fernview Drive Resurfacing (STP Grant)	275,000	232,542	-	-	-	-	-	-	
09 Mosley Road Improvement Project (STP Grant)	277,000	178,278	1,340,000	1,354,121	-	-	-	-	
10 New Ballas Road Improvements - Phase 1 (STP Grant)	150,000	38,852	180,000	210,000	1,136,600	-	-	-	
11 New Ballas Sidewalk Extension (TAP Grant)	-	850	-	59,893	210,000	-	-	-	
12 Lindbergh-Old Olive Intersection (State Cost-Share; STP Grant)	190,000	-	25,000	125,000	460,000	2,045,500	-	-	
13 Olive-Lindbergh Interchange Enhancements	-	247,250	30,000	-	-	30,000	-	-	
14 Pavement Condition Ratings Update	-	-	45,000	52,747	-	-	-	-	
15 Olive Median Enhancement Stock	-	-	75,000	75,000	-	-	-	-	
16 Craig Road Improvements (STP Grant)	-	-	-	-	150,000	100,000	1,100,000	-	
17 New Ballas Road Improvements - Phase 2 (Design & Grant Match)	-	-	-	-	-	150,000	20,000	250,000	
18 New Ballas Road Improvements - Phase 3 (Design & Grant Match)	-	-	-	-	-	-	150,000	20,000	250,00
19 New Ballas Road Improvements - Phase 4 (Design & Grant Match)	-	-	-	-	-	-	-	125,000	25,00
20 Ladue Road Improvements - Phase 1 (Design & Grant Match)	-	-	-	-	-	-	-	-	150,00
21 Olive-270 Overpass Cleaning	-	-	-	-	-	60,000	-	-	
Subtotal (Streets and Sidewalks) % of Total Capital Fund Outlay	2,357,000 70%	1,994,743 75%	3,285,000 75%	3,581,639 80%	3,656,600 74%	4,191,500 83%	2,872,300 76%	2,158,900 79%	1,910,900 74%

9516 CAPITAL EQUIPMENT	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Public Works Capital Equipment **	243,700	-	313,300	313,300	331,100	464,000	349,800	398,800	423,600
02 Golf Course Capital Equipment	-	-	25,000	25,000	-	45,000	50,000	-	50,00
03 Police Department Capital Equipment	-	-	42,000	37,000	42,000	-	-	-	
04 Phone System Replacement	-	-	52,000	41,336	-	-	-	-	
05 Public Works Facility Gasoline System Replacement	35,000	18,433	-	-	-	-	-	-	
06 Permitting Software	-	-	70,000	70,000	-	-	-	-	
07 Meeting Management Software	-	-	-	-	20,000	-	-	-	
Subtotal (Capital Equipment) % of Total Capital Fund Outlay	278,700 8%	18,433 1%	502,300 11%	486,636 11%	393,100 8%	509,000 10%	399,800 11%	398,800 15%	473,600 18%

** Current projections show that equipment may take up to two years between ordering and delivery. Payment for equipment occurs upon delivery, so the actual amounts shown may misleadingly suggest that no equipment was ordered.

CAPITAL PROJECT ADMINISTRATION	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Project Management	92,804	92,183	93,082	93,082	143,900	148,300	152,800	157,400	162,200
Subtotal (Administration) % of Total Capital Fund Outlay	92,804 3%	92,183 3%	93,082 2%	93,082 2%	143,900 3%	148,300 3%	152,800 4%	157,400 6%	162,200 6%

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

CAPITAL FUND
REVENUE AND EXPENSE DETAIL

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TOTAL CAPITAL FUND OUTLAY	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	3,356,504	2,650,280	4,395,382	4,455,322	4,914,100	5,068,800	3,775,400	2,735,100	2,597,200
9514 DEBT SERVICE	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
N/A	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-
% of Total Year End Figures	0%	0%	0%	0%	0%	0%	0%	0%	0%

TOTAL YEAR END FIGURES (Capital Outlay & Debt Service)	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	3,356,504	2,650,280	4,395,382	4,455,322	4,914,100	5,068,800	3,775,400	2,735,100	2,597,200

CAPITAL FUND REVENUES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (estimated Cash Basis as of July 1)	1,548,626	2,280,002	2,206,350	2,206,350	798,195	351,786	714,733	401,032	269,127
Estimated Capital Improvement Sales Tax Revenue (Half-Cent Sales Tax)	1,677,510	1,950,326	1,911,932	2,086,331	2,107,195	2,128,267	2,149,549	2,171,045	2,192,750
Estimated Interest Revenue	10,000	11,712	4,000	2,142	2,150	2,150	2,150	2,150	2,150
Estimated Additional Revenue (Grants, Reimbursement, and Other)	1,316,300	198,490	839,000	548,694	1,448,346	2,891,330	900,000	20,000	20,000
Proceeds from Equipment Sales	10,000	16,100	10,000	10,000	10,000	10,000	10,000	10,000	10,000
General Fund Transfers In	400,000	400,000	650,000	400,000	900,000	400,000	400,000	400,000	400,000
Public Safety Transfer In	-	-	-	-	-	-	-	-	-
Total Revenues & General Fund Transfers In - Capital Fund	3,413,810	2,576,628	3,414,932	3,047,167	4,467,691	5,431,747	3,461,699	2,603,195	2,624,900
Total Anticipated Year End Expenditures	3,356,504	2,650,280	4,395,382	4,455,322	4,914,100	5,068,800	3,775,400	2,735,100	2,597,200
Ending Fund Balance (Cash Basis) - Capital Fund	1,605,932	2,206,350	1,225,900	798,195	351,786	714,733	401,032	269,127	296,832

ESTIMATED ADDITIONAL REVENUE (FUNDING SOURCES)	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
ADA Improvements (Community Development Block Grant)	20,000	20,000	-	-	20,000	20,000	20,000	20,000	20,000
Emerson Road Improvement Project (STP Grant)	444,000	-	-	444,000	-	-	-	-	-
Fernview Drive Improvement Project (STP Grant)	220,000	167,212	-	-	-	-	-	-	-
North New Ballas Signal Enhancements - Development Escrow	-	25,705	-	-	-	-	-	-	-
Ladue Court Escrow Reimbursement	-	17,226	-	-	-	-	-	-	-
Mosley Road Improvements - North Phase (STP Grant)	84,000	-	676,000	54,694	705,306	-	-	-	-
New Ballas Improvements - Phase 1 (STP Grant)	-	-	144,000	-	144,000	816,000	-	-	-
Park Path Improvements (Municipal Park Grant)	440,500	-	-	-	-	-	-	-	-
Lindbergh-Old Olive Intersection (State Cost-Share Program)	95,000	-	15,000	50,000	95,200	875,050	-	-	-
Lindbergh-Old Olive Intersection (STP Grant)	-	-	-	-	229,840	934,360	-	-	-
New Ballas Sidewalk - Phase 3 (TAP Grant)	-	-	4,000	-	4,000	165,920	-	-	-
Signal Enhancement Reimbursement (MoDOT)	-	-	-	-	-	-	-	-	-
Ice Arena Refrigerant Switchover (Municipal Park Planning Grant)	6,400	6,400	-	-	-	-	-	-	-
Millennium Park Preliminary Design (Municipal Park Planning Grant)	6,400	6,400	-	-	-	-	-	-	-
Craig Road Improvements (STP Grant)	-	-	-	-	-	80,000	880,000	-	-
Olive TDD Closeout	-	-	-	-	250,000	-	-	-	-
Subtotal	1,316,300	242,943	839,000	548,694	1,448,346	2,891,330	900,000	20,000	20,000

PARKS AND STORMWATER FUND
REVENUE AND EXPENSE DETAIL

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9506 PARKS AND RECREATIONAL FACILITIES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Park Preliminary Designs	-	-	50,000	20,000	-	-	-	-	-
02 Implementation of Park Master Plan	-	-	500,000	-	-	-	-	800,000	800,00
03 Historic Building Rehabilitation and Preservation	-	-	25,000	-	25,000	-	-	25,000	25,00
04 Conway Park Cabins Relocation	-	-	-	-	75,000	-	-	-	-
05 Park Restroom Renovations	-	-	110,000	35,600	40,000	200,000	-	-	-
06 Park Path Improvements (Municipal Park Grant)	-	-	680,000	547,033	-	-	-	-	-
07 Malcolm Terrace Parking Lot Improvements (CDBG Grant)	-	-	50,000	63,912	-	-	-	-	-
08 Park Identification Signage Master Plan	-	-	20,000	-	-	20,000	-	-	-
09 Park Parking Lot Sealing	-	-	50,000	15,570	-	-	-	-	25,00
10 Park Furniture Replacement (Lake School Park and Malcolm Terrace Park)	-	-	80,000	-	-	30,000	-	-	-
11 Malcolm Terrace Park Trail Improvements	-	-	150,000	71,150	-	-	-	50,000	-
12 Repaint & Restripe Conway Park and Lake School Park Tennis Courts	-	-	75,000	113,270	-	-	-	-	-
13 Remove Small Playground at Millennium Park	-	-	20,000	-	-	-	-	-	-
14 Millennium Park Improvements - Phase 1	-	-	-	50,000	1,600,000	-	-	-	-
15 Millennium Park Trails and Ridgemoor Forest Connection	-	-	-	-	100,000	500,000	-	-	-
16 Lake School Park Tennis Court Lighting	-	-	-	-	-	40,000	-	-	-
17 Venable Park Improvements - Phase 1	-	-	-	-	-	50,000	1,500,000	-	-
18 Conway Park Parking Lot Expansion	-	-	-	-	-	-	30,000	200,000	-
19 Playground Safety Surface Replacement (Conway Park)	-	-	-	-	-	-	-	100,000	-
Subtotal (Parks and Recreational Facilities) % of Total Parks and Stormwater Fund Outlay	N/A	-	1,810,000 86%	916,535 90%	1,840,000 73%	840,000 49%	1,530,000 64%	1,175,000 58%	850,00 47%

9509 STORMWATER	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Stormwater Management Study	-	-	15,000	-	200,000	300,000	-	-	-
02 Implementation of the Stormwater Management Plan	-	-	-	-	-	100,000	500,000	500,000	600,00
03 Stormwater Improvements (Deer Creek - Deer Creek OMCI)	-	-	-	-	-	-	224,000	224,000	224,00
04 Hibler Roadside Drainage	-	-	50,000	25,000	25,000	100,000	-	-	-
05 Alden Lane Drain Replacement (Deer Creek OMCI)	-	-	35,000	20,000	20,000	-	-	-	-
06 Ballas Culvert Erosion Rehabilitation (Deer Creek OMCI)	-	-	75,000	25,000	50,000	250,000	-	-	-
07 Golf Course Pond Aeration (Deer Creek OMCI)	-	-	25,000	-	25,000	-	-	-	-
08 Hibler Woods Drain Replacement	-	-	-	-	20,000	-	-	-	-
09 Stormwater Concept Plans					175,000				
Subtotal (Stormwater) % of Total Parks and Stormwater Fund Outlay	N/A	-	200,000 9%	70,000 7%	515,000 21%	750,000 44%	724,000 30%	724,000 36%	824,00 45%

9516 CAPITAL EQUIPMENT	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Parks Capital Equipment	-	-	-	-	30,000	-	-	-	-
Subtotal (Capital Equipment) % of Total Parks and Stormwater Fund Outlay	N/A	-	-	-	30,000 1%	- 0%	- 0%	- 0%	- 0%

CAPITAL PROJECT ADMINISTRATION	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Project Management	-	-	104,364	35,000	124,965	128,800	132,700	136,700	140,90
Subtotal (Administration) % of Total Parks and Stormwater Fund Outlay	N/A	-	104,364 5%	35,000 3%	124,965 5%	128,800 7%	132,700 6%	136,700 7%	140,90 8%

Adopted by the City Council through Resolution XXXX on April XX, 2022.

New or Substantially Modified Projects are in Bold

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

PARKS AND STORMWATER FUND
REVENUE AND EXPENSE DETAIL

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CAPITAL OUTLAY SUMMARY	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Parks-Stormwater Tax Fund Outlay	-	-	2,114,364	1,021,535	2,509,965	1,718,800	2,386,700	2,035,700	1,814,90
% of Total Annual Expenses	N/A	N/A	85%	69%	84%	78%	83%	81%	79%

OPERATIONS AND MAINTENANCE	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Transfer Out - General Fund (Parks and Stormwater Operations and Maintenance)	-	-	380,000	468,600	468,533	473,218	477,951	482,730	487,55
Subtotal	-	-	380,000	468,600	468,533	473,218	477,951	482,730	487,55
% of Total Annual Expenses	N/A	N/A	15%	31%	16%	22%	17%	19%	21%

9514 DEBT SERVICE	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
N/A	-	-	-	-	-	-	-	-	-
Subtotal	-	-	-	-	-	-	-	-	-
% of Total Annual Expenses	N/A	N/A	0%	0%	0%	0%	0%	0%	0%

TOTAL ANNUAL EXPENSES (Capital Outlay, Transfers Out, and Debt Service)	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	2,494,364	1,490,135	2,978,498	2,192,018	2,864,651	2,518,430	2,302,45

PARKS AND STORMWATER FUND REVENUES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (estimated Cash Basis as of July 1)	-	-	485,907	485,907	1,819,037	1,346,731	1,794,566	1,567,666	1,711,12
Estimated Parks-Stormwater Tax Revenue (Half-Cent Sales Tax)	-	485,907	1,900,000	2,342,665	2,366,092	2,389,753	2,413,651	2,437,788	2,462,16
Estimated Interest Revenue	-	-	100	100	100	100	100	100	10
Estimated Additional Revenue (Grants, Reimbursement, and Other)	-	-	595,500	480,500	140,000	250,000	224,000	224,000	224,00
Capital Fund Transfers In	-	-	-	-	-	-	-	-	-
General Fund Transfers In	-	-	-	-	-	-	-	-	-
Proceeds from Equipment Sales	-	-	-	-	-	-	-	-	-
Total Revenues & Transfers In - Parks and Stormwater Fund	-	485,907	2,495,600	2,823,265	2,506,192	2,639,853	2,637,751	2,661,888	2,686,26
Total Anticipated Year End Expenditures	-	-	2,494,364	1,490,135	2,978,498	2,192,018	2,864,651	2,518,430	2,302,45
Ending Fund Balance (Cash Basis) - Parks and Stormwater Fund	-	485,907	487,143	1,819,037	1,346,731	1,794,566	1,567,666	1,711,124	2,094,93

ESTIMATED ADDITIONAL REVENUE (FUNDING SOURCES)	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
ADA Improvements (Community Development Block Grant)	-	-	20,000	40,000	-	-	-	-	-
Stormwater Improvements (Deer Creek OMCI)	-	-	-	-	-	-	224,000	224,000	224,00
Alden Lane Drain Replacement (Deer Creek OMCI)	-	-	35,000	-	40,000	-	-	-	-
Ballas Culvert Erosion Rehabilitation (Deer Creek OMCI)	-	-	75,000	-	75,000	250,000	-	-	-
Golf Course Pond Aeration (Deer Creek OMCI)	-	-	25,000	-	25,000	-	-	-	-
Park Path Improvements (Municipal Park Grant)	-	-	440,500	440,500	-	-	-	-	-
Annual Total	-	-	595,500	480,500	140,000	250,000	224,000	224,000	224,00

BUILDING PROJECT BOND FUND
REVENUE AND EXPENSE DETAIL

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BUILDING PROJECT BOND FUND REVENUES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (estimated Cash Basis as of July 1)	1,196,296	1,196,296	1,125,799	1,125,799	1,127,099	1,129,099	1,129,099	1,049,099	1,049,09
Estimated Bond Proceeds	-	-	-	-	-	-	-	-	-
Estimated Interest Revenue	12,000	(3,539)	2,000	1,300	2,000	-	-	-	-
Reimbursement from Smoke Evacuation System Settlement	-	-	-	-	-	-	-	-	-
Transfers In	-	-	-	-	-	-	-	-	-
Total Revenues & Transfers In	12,000	(3,539)	2,000	1,300	2,000	-	-	-	-
9501 BUILDING DESIGN AND CONSTRUCTION	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Police Building Professional Services	-	-	-	-	-	-	-	-	-
02 Police Building Site Work and Building Construction	-	3,696	-	-	-	-	-	-	-
03 Government Center Accessibility & Security Improvements	-	-	-	-	-	-	-	-	-
04 Government Center Electrical Switchgear Replacement	150,000	63,262	-	-	-	-	-	-	-
05 Government Center Renovations	-	-	50,000	-	-	-	-	-	-
06 Police Parking Lot Security Fence	-	-	-	-	-	-	80,000	-	-
Transfers Out	-	-	-	-	-	-	-	-	-
Total Anticipated Year End Expenditures & Transfers	150,000	66,958	50,000	-	-	-	80,000	-	-
Ending Fund Balance (Cash Basis) - Building Project Bond Fund	1,058,296	1,125,799	1,077,799	1,127,099	1,129,099	1,129,099	1,049,099	1,049,099	1,049,09
9514 DEBT SERVICE	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
DEBT SERVICE (PROP P) REVENUES									
Beginning Fund Balance (estimated Cash Basis as of July 1)	569,266	586,711	752,787	752,787	694,143	634,149	578,245	521,951	465,35
Estimated Property Tax Collection Revenue	901,000	875,714	657,232	657,232	657,232	657,232	657,232	657,232	657,23
Estimated Interest Revenue	2,500	1,104	750	750	750	750	750	750	75
Total Anticipated Revenues	903,500	876,818	657,982	657,982	657,982	657,982	657,982	657,982	657,98
DEBT SERVICE (PROP P) EXPENSES									
Estimated Expenditures	250	636	320	320	320	320	320	320	32
Estimated Interest Expenses	270,106	270,106	261,306	261,306	247,656	233,566	223,956	209,256	197,89
Estimated Principal Expenses	440,000	440,000	455,000	455,000	470,000	480,000	490,000	505,000	515,00
Total Anticipated Expenditures	710,356	710,742	716,626	716,626	717,976	713,886	714,276	714,576	713,21
Ending Cash Balance - Debt Service	762,410	752,787	694,143	694,143	634,149	578,245	521,951	465,357	410,12

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

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FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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9501 GOVERNMENT FACILITIES ACCOUNT SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Accessibility Improvements (CDBG Grant)	-	-	-	-	20,000	20,000	20,000	20,000	20,000
02 Government Center Renovations	30,000	2,862	250,000	80,000	400,000	-	-	-	-
03 Government Center Parking Lot Repairs	-	-	25,000	9,930	-	-	-	-	-
04 Salt Dome Roof Repairs	-	-	60,000	60,000	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Government Facilities Expenses - Capital Fund	30,000	2,862	335,000	149,930	420,000	20,000	20,000	20,000	20,000

PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Government Facilities Expenses - Parks and Stormwater Fund	-	-	-	-	-	-	-	-	-

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Police Building Professional Services	-	-	-	-	-	-	-	-	-
02 Police Building Site Work and Building Construction	-	3,696	-	-	-	-	-	-	-
03 Government Center Accessibility & Security Improvements	-	-	-	-	-	-	-	-	-
04 Government Center Electrical Switchgear Replacement	150,000	63,262	-	-	-	-	-	-	-
05 Government Center Renovations	-	-	50,000	-	-	-	-	-	-
06 Police Parking Lot Security Fence	-	-	-	-	-	-	80,000	-	-
Subtotal - Government Facilities Expenses - Building Project Bond Fund	150,000	66,958	50,000	-	-	-	80,000	-	-

TOTAL CAPITAL EXPENSES (ALL FUNDS) GOVERNMENT FACILITIES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Capital Expenses - Government Facilities	\$ 180,000	\$ 69,820	\$ 385,000	\$ 149,930	\$ 420,000	\$ 20,000	\$ 100,000	\$ 20,000	\$ 20,000

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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9506 PARKS AND RECREATIONAL FACILITIES ACCOUNT SUMMARY									
CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Park or Dielmann Complex Improvements (Grant Match)	-	-	-	-	30,500	-	30,500	-	30,500
11 Playground Safety Surface Replacement	30,000	31,988	-	-	-	-	-	-	-
12 Dielmann Recreation Complex Parking Lot Lighting	37,000	43,074	-	-	-	-	-	-	-
13 Park Path Improvements (Municipal Park Grant)	471,000	150,881	-	35	-	-	-	-	-
14 Ice Arena Refrigerant Switchover (Design - Park Planning Grant)	15,000	9,400	20,000	20,000	-	-	-	-	-
15 Malcolm Terrace Parking Lot Improvements (CDBG Grant)	45,000	-	-	-	-	-	-	-	-
16 Dielmann Recreation Complex HVAC Replacement - Phase 2	-	-	110,000	5,000	110,000	-	-	-	-
17 Dielmann Recreation Complex Roof Drainage	-	-	50,000	20,000	30,000	-	-	-	-
18 Ice Arena Flooring Replacement	-	-	-	-	-	200,000	-	-	-
19 Park Restroom Renovations (Design)	-	8,495	-	-	-	-	-	-	-
20 Park Preliminary Design - Millennium Park (Park Planning Grant)	-	10,500	-	7,000	-	-	-	-	-
21 Ice Arena Dehumidification System Repair				60,000	-	-	-	-	-
22 Ice Arena Evaluation and Design				32,000	100,000	-	-	-	-
23 Dielmann Complex Concessions Area Renovation					30,000	-	300,000	-	
Subtotal - Parks and Recreational Facilities Expenses - Capital Fund	598,000	254,338	180,000	144,035	300,500	200,000	330,500	-	30,500
PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Park Preliminary Designs	-	-	50,000	20,000	-	-	-	-	-
02 Implementation of Park Master Plan	-	-	500,000	-	-	-	-	800,000	800,000
03 Historic Building Rehabilitation and Preservation	-	-	25,000	-	25,000	-	-	25,000	25,000
04 Conway Park Cabins Relocation	-	-	-	-	75,000	-	-	-	-
05 Park Restroom Renovations	-	-	110,000	35,600	40,000	200,000	-	-	-
06 Park Path Improvements (Municipal Park Grant)	-	-	680,000	547,033	-	-	-	-	-
07 Malcolm Terrace Parking Lot Improvements (CDBG Grant)	-	-	50,000	63,912	-	-	-	-	-
08 Park Identification Signage Master Plan	-	-	20,000	-	-	20,000	-	-	-
09 Park Parking Lot Sealing	-	-	50,000	15,570	-	-	-	-	25,000
10 Park Furniture Replacement (Lake School Park and Malcolm Terrace Park)	-	-	80,000	-	-	30,000	-	-	-
11 Malcolm Terrace Park Trail Improvements	-	-	150,000	71,150	-	-	-	50,000	-
12 Repaint & Restripe Conway Park and Lake School Park Tennis Courts	-	-	75,000	113,270	-	-	-	-	-
13 Remove Small Playground at Millennium Park	-	-	20,000	-	-	-	-	-	-
14 Millennium Park Improvements - Phase 1	-	-	-	50,000	1,600,000	-	-	-	-
15 Millennium Park Trails and Ridgemoor Forest Connection	-	-	-	-	100,000	500,000	-	-	-
16 Lake School Park Tennis Court Lighting	-	-	-	-	-	40,000	-	-	-
17 Venable Park Improvements - Phase 1	-	-	-	-	-	50,000	1,500,000	-	-
18 Conway Park Parking Lot Expansion	-	-	-	-	-	-	30,000	200,000	-
19 Playground Safety Surface Replacement (Conway Park)	-	-	-	-	-	-	-	100,000	-
Subtotal - Parks and Rec. Facilities Expenses - Parks and Stormwater Fund	-	-	1,810,000	916,535	1,840,000	840,000	1,530,000	1,175,000	850,000
BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Parks and Rec. Facilities Expenses - Building Project Bond Fund	-	-	-	-	-	-	-	-	-
TOTAL CAPITAL EXPENSES (ALL FUNDS) PARKS AND RECREATIONAL FACILITIES	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Capital Expenses - Parks and Recreational Facilities	\$ 598,000	\$ 254,338	\$ 1,990,000	\$ 1,060,570	\$ 2,140,500	\$ 1,040,000	\$ 1,860,500	\$ 1,175,000	\$ 880,500

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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9509 STORMWATER ACCOUNT SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Stormwater Improvements Per Master Plan	-	-	-	-	-	-	-	-	-
02 Middlebrook Drive Culvert Rehabilitation	-	287,721	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Stormwater Expenses - Capital Fund	-	287,721	-	-	-	-	-	-	-

PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Stormwater Management Study	-	-	15,000	-	200,000	300,000	-	-	-
02 Implementation of the Stormwater Management Plan	-	-	-	-	-	100,000	500,000	500,000	600,000
03 Stormwater Improvements (Deer Creek - Deer Creek OMCI)	-	-	-	-	-	-	224,000	224,000	224,000
04 Hibler Roadside Drainage	-	-	50,000	25,000	25,000	100,000	-	-	-
05 Alden Lane Drain Replacement (Deer Creek OMCI)	-	-	35,000	20,000	20,000	-	-	-	-
06 Ballas Culvert Erosion Rehabilitation (Deer Creek OMCI)	-	-	75,000	25,000	50,000	250,000	-	-	-
07 Golf Course Pond Aeration (Deer Creek OMCI)	-	-	25,000	-	25,000	-	-	-	-
08 Hibler Woods Drain Replacement	-	-	-	-	20,000	-	-	-	-
09 Stormwater Concept Plans					175,000				
Subtotal - Stormwater Expenses - Parks and Stormwater Fund	-	-	200,000	70,000	320,000	750,000	724,000	724,000	824,000

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Stormwater Expenses - Building Project Bond Fund	-	-	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENSES (ALL FUNDS) STORMWATER	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Capital Expenses - Stormwater	\$ -	\$ 287,721	\$ 200,000	\$ 70,000	\$ 320,000	\$ 750,000	\$ 724,000	\$ 724,000	\$ 824,000

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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9510 STREETS AND SIDEWALKS ACCOUNT SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Street and Sidewalk Maintenance Program	600,000	651,093	1,375,000	1,406,365	1,400,000	1,421,000	1,442,300	1,463,900	1,485,900
02 Street Reconstruction/Rehabilitation	-	-	-	-	300,000	200,000	-	300,000	
03 North New Ballas Sidewalk Phase 2A (TAP Grant)	-	600	-	-	-	-	-	-	
04 Fernview Sidewalk Concept Plan (Design & Grant Match)	-	7,178	35,000	36,933	-	185,000	160,000	-	
05 New Ballas Median Plantings	20,000	3,200	-	8,800	-	-	-	-	
06 Signal Enhancement Projects	240,000	56,884	180,000	229,427	-	-	-	-	
07 Emerson Road Improvement Project (STP Grant)	605,000	578,016	-	23,353	-	-	-	-	
08 Fernview Drive Resurfacing (STP Grant)	275,000	232,542	-	-	-	-	-	-	
09 Mosley Road Improvement Project (STP Grant)	277,000	178,278	1,340,000	1,354,121	-	-	-	-	
10 New Ballas Road Improvements - Phase 1 (STP Grant)	150,000	38,852	180,000	210,000	1,136,600	-	-	-	
11 New Ballas Sidewalk Extension (TAP Grant)	-	850	-	59,893	210,000	-	-	-	
12 Lindbergh-Old Olive Intersection (State Cost-Share; STP Grant)	190,000	-	25,000	125,000	460,000	2,045,500	-	-	
13 Olive-Lindbergh Interchange Enhancements	-	247,250	30,000	-	-	30,000	-	-	
14 Pavement Condition Ratings Update	-	-	45,000	52,747	-	-	-	-	
15 Olive Median Enhancement Stock	-	-	75,000	75,000	-	-	-	-	
16 Craig Road Improvements (STP Grant)	-	-	-	-	150,000	100,000	1,100,000	-	
17 New Ballas Road Improvements - Phase 2 (Design & Grant Match)	-	-	-	-	-	150,000	20,000	250,000	
18 New Ballas Road Improvements - Phase 3 (Design & Grant Match)	-	-	-	-	-	-	150,000	20,000	250,000
19 New Ballas Road Improvements - Phase 4 (Design & Grant Match)	-	-	-	-	-	-	-	125,000	25,000
20 Ladue Road Improvements - Phase 1 (Design & Grant Match)	-	-	-	-	-	-	-	-	150,000
21 Olive-270 Overpass Cleaning	-	-	-	-	-	60,000	-	-	
Subtotal - Streets and Sidewalks - Capital Fund	2,357,000	1,994,743	3,285,000	3,581,639	3,656,600	4,191,500	2,872,300	2,158,900	1,910,900

PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Streets and Sidewalks - Parks and Stormwater Fund	-	-	-	-	-	-	-	-	-

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Streets and Sidewalks - Building Project Bond Fund	-	-	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENSES (ALL FUNDS) STREETS AND SIDEWALKS	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Capital Expenses - Streets and Sidewalks	\$ 2,357,000	\$ 1,994,743	\$ 3,285,000	\$ 3,581,639	\$ 3,656,600	\$ 4,191,500	\$ 2,872,300	\$ 2,158,900	\$ 1,910,900

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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9516 CAPITAL EQUIPMENT ACCOUNT SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Public Works Capital Equipment **	243,700	-	313,300	313,300	331,100	464,000	349,800	398,800	423,60
02 Golf Course Capital Equipment	-	-	25,000	25,000	-	45,000	50,000	-	50,00
03 Police Department Capital Equipment	-	-	42,000	37,000	42,000	-	-	-	-
04 Phone System Replacement	-	-	52,000	41,336	-	-	-	-	-
05 Public Works Facility Gasoline System Replacement	35,000	18,433	-	-	-	-	-	-	-
06 Permitting Software	-	-	70,000	70,000	-	-	-	-	-
07 Meeting Management Software	-	-	-	-	20,000	-	-	-	-
Subtotal - Capital Equipment - Capital Fund	278,700	18,433	502,300	486,636	393,100	509,000	399,800	398,800	473,60

PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
01 Parks Capital Equipment	-	-	-	-	30,000	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Capital Equipment - Parks and Stormwater Fund	-	-	-	-	30,000	-	-	-	-

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Capital Equipment - Building Project Bond Fund	-	-	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENSES (ALL FUNDS) CAPITAL EQUIPMENT	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Capital Expenses - Capital Equipment	\$ 278,700	\$ 18,433	\$ 502,300	\$ 486,636	\$ 423,100	\$ 509,000	\$ 399,800	\$ 398,800	\$ 473,60

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

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FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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CAPITAL PROJECT ADMINISTRATION ACCOUNT SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED
01 Project Management	92,804	92,183	93,082	93,082	143,900	148,300	152,800	157,400	162,200
Subtotal - Capital Project Administration - Capital Fund	92,804	92,183	93,082	93,082	143,900	148,300	152,800	157,400	162,200

PARKS AND STORMWATER FUND	FY2021 BUDGETED	FY2021 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED
01 Project Management	-	-	104,364	35,000	124,965	128,800	132,700	136,700	140,900
Subtotal - Capital Project Administration - Parks and Stormwater Fund	-	-	104,364	35,000	124,965	128,800	132,700	136,700	140,900

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Subtotal - Capital Project Administration - Building Project Bond Fund	-	-	-	-	-	-	-	-	-

TOTAL CAPITAL EXPENSES (ALL FUNDS) CAPITAL PROJECT ADMINISTRATION	FY2021 BUDGETED	FY2021 PROJECTED	FY2022 PROJECTED	FY2023 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED
Total Capital Expenses - Capital Project Administration	\$ 92,804	\$ 92,183	\$ 197,446	\$ 128,082	\$ 268,865	\$ 277,100	\$ 285,500	\$ 294,100	\$ 303,100

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

APPENDIX A
FY2023-FY2027 CAPITAL IMPROVEMENT PROGRAM

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CAPITAL IMPROVEMENT PROGRAM SUMMARY

CAPITAL FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (Estimated Cash Basis as of July 1)	1,548,626	2,280,002	2,206,350	2,206,350	798,195	351,786	714,733	401,032	269,127
Total Anticipated Annual Revenues	3,413,810	2,576,628	3,414,932	3,047,167	4,467,691	5,431,747	3,461,699	2,603,195	2,624,905
Total Anticipated Annual Expenses	(3,356,504)	(2,650,280)	(4,395,382)	(4,455,322)	(4,914,100)	(5,068,800)	(3,775,400)	(2,735,100)	(2,597,200)
Total Anticipated Debt Service Revenues	-	-	-	-	-	-	-	-	-
Total Anticipated Debt Service Expenses	-	-	-	-	-	-	-	-	-
Ending Cash Balance - Capital Fund	1,605,932	2,206,350	1,225,900	798,195	351,786	714,733	401,032	269,127	296,832

PARKS-STORMWATER TAX FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (Estimated Cash Basis as of July 1)	-	-	485,907	485,907	1,819,037	1,346,731	1,794,566	1,567,666	1,711,124
Total Anticipated Annual Revenues	-	485,907	2,495,600	2,823,265	2,506,192	2,639,853	2,637,751	2,661,888	2,686,266
Total Anticipated Annual Expenses	-	-	(2,494,364)	(1,490,135)	(2,978,498)	(2,192,018)	(2,864,651)	(2,518,430)	(2,302,458)
Total Anticipated Debt Service Revenues	-	-	-	-	-	-	-	-	-
Total Anticipated Debt Service Expenses	-	-	-	-	-	-	-	-	-
Ending Cash Balance - Parks-Stormwater Tax Fund	-	485,907	487,143	1,819,037	1,346,731	1,794,566	1,567,666	1,711,124	2,094,932

BUILDING PROJECT BOND FUND	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Beginning Fund Balance (estimated Cash Basis as of July 1)	1,765,562	1,783,007	1,878,586	1,878,586	1,821,242	1,763,248	1,707,344	1,571,050	1,514,456
Total Anticipated Annual Revenues	12,000	(3,539)	2,000	1,300	2,000	-	-	-	-
Total Anticipated Annual Expenses	(150,000)	(66,958)	(50,000)	-	-	-	(80,000)	-	-
Total Anticipated Debt Service (Prop P) Revenues	903,500	876,818	657,982	657,982	657,982	657,982	657,982	657,982	657,982
Total Anticipated Debt Service (Prop P) Expenses	(710,356)	(710,742)	(716,626)	(716,626)	(717,976)	(713,886)	(714,276)	(714,576)	(713,214)
Ending Cash Balance - Building Project Bond Fund	1,820,706	1,878,586	1,771,942	1,821,242	1,763,248	1,707,344	1,571,050	1,514,456	1,459,224

TOTAL COMBINED CAPITAL IMPROVEMENT PROGRAM (CAPITAL, PARKS-STORMWATER, AND BUILDING PROJECT BOND FUNDS)	FY2021 BUDGETED	FY2021 ACTUAL	FY2022 BUDGETED	FY2022 PROJECTED	FY2023 PROJECTED	FY2024 PROJECTED	FY2025 PROJECTED	FY2026 PROJECTED	FY2027 PROJECTED
Total Combined Beginning Fund Balance	3,314,188	4,063,009	4,570,844	4,570,844	4,438,475	3,461,766	4,216,644	3,539,749	3,494,708
Total Combined Revenues & Transfers In	4,329,310	3,935,814	6,570,514	6,529,714	7,633,865	8,729,582	6,757,432	5,923,065	5,969,153
Total Combined Anticipated Year End Expenditures & Transfers	(4,216,860)	(3,427,980)	(7,656,372)	(6,662,083)	(8,610,574)	(7,974,704)	(7,434,327)	(5,968,106)	(5,612,872)
Ending Fund Balance (Cash Basis) - All Capital Funds	3,426,637	4,570,844	3,484,986	4,438,475	3,461,766	4,216,644	3,539,749	3,494,708	3,850,989

Attachment: CIP FY2023-FY2027 Appendix A (Spreadsheet - DRAFT 2022-02-24) (Presentation of the FY2023-FY2027 Capital Improvement

DRAFT 02/24/2022

APPENDIX B
TEN-YEAR CAPITAL IMPROVEMENT PROGRAM
(COMBINED CAPTIAL FUND, PARKS AND STORMWATER FUND, AND BUILDING PROJECT BOND FUND)
SUMMARY OF REVENUES AND EXPENDITURES
FY2018-FY2027

BEGINNING FUND BALANCE	Actual FY2018	Actual FY2019	Actual FY2020	Actual FY2021	Projected FY2022	Projected FY2023	Projected FY2024	Projected FY2025	Projected FY2026	Projected FY2027
Cash Basis (as of July 1)	\$ 12,168,363	\$ 10,885,185	\$ 5,289,205	\$ 4,063,009	\$ 4,570,844	\$ 4,438,475	\$ 3,211,766	\$ 3,966,644	\$ 3,289,749	\$ 3,244,708

REVENUES	Actual FY2018	Actual FY2019	Actual FY2020	Actual FY2021	Projected FY2022	Projected FY2023	Projected FY2024	Projected FY2025	Projected FY2026	Projected FY2027
City Capital Improvement Sales Tax	\$ 2,130,456	\$ 2,167,326	\$ 2,025,908	\$ 1,950,326	\$ 2,086,331	\$ 2,107,195	\$ 2,128,267	\$ 2,149,549	\$ 2,171,045	\$ 2,192,755
Building Project Bond Fund (Prop P)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Building Project Property Tax Collection	\$ 824,154	\$ 815,260	\$ 934,040	\$ 875,714	\$ 657,232	\$ 657,232	\$ 657,232	\$ 657,232	\$ 657,232	\$ 657,232
Parks-Stormwater Sales Tax	\$ -	\$ -	\$ -	\$ 485,907	\$ 2,342,665	\$ 2,366,092	\$ 2,389,753	\$ 2,413,651	\$ 2,437,788	\$ 2,462,166
Interest on Investments	\$ 125,409	\$ 139,564	\$ 64,375	\$ 9,277	\$ 4,292	\$ 5,000	\$ 3,000	\$ 3,000	\$ 3,000	\$ 3,000
Other Agency Funding	\$ 664,998	\$ 422,276	\$ 460,692	\$ 198,490	\$ 1,029,194	\$ 1,338,346	\$ 3,141,330	\$ 1,124,000	\$ 244,000	\$ 244,000
Proceeds from Equipment Sales	\$ -	\$ -	\$ -	\$ 16,100	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
Transfers In from Other Funds	\$ 1,200,000	\$ 400,000	\$ 593,826	\$ 400,000	\$ 400,000	\$ 900,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000
TOTAL REVENUES	\$ 4,945,017	\$ 3,944,426	\$ 4,078,841	\$ 3,935,814	\$ 6,529,714	\$ 7,383,865	\$ 8,729,582	\$ 6,757,432	\$ 5,923,065	\$ 5,969,153

EXPENDITURES	Actual FY2018	Actual FY2019	Actual FY2020	Actual FY2021	Projected FY2022	Projected FY2023	Projected FY2024	Projected FY2025	Projected FY2026	Projected FY2027
Government Facilities	\$ 1,871,699	\$ 6,022,472	\$ 2,016,979	\$ 69,820	\$ 149,930	\$ 420,000	\$ 20,000	\$ 100,000	\$ 20,000	\$ 20,000
Parks and Recreational Facilities	\$ 813,462	\$ 367,850	\$ 158,169	\$ 254,338	\$ 1,060,570	\$ 2,140,500	\$ 1,040,000	\$ 1,860,500	\$ 1,175,000	\$ 880,500
Stormwater	\$ 148,370	\$ 3,174	\$ 11,587	\$ 287,721	\$ 70,000	\$ 515,000	\$ 750,000	\$ 724,000	\$ 724,000	\$ 824,000
Streets and Sidewalks	\$ 2,444,553	\$ 2,034,781	\$ 2,268,246	\$ 1,994,743	\$ 3,581,639	\$ 3,656,600	\$ 4,191,500	\$ 2,872,300	\$ 2,158,900	\$ 1,910,900
Capital Equipment	\$ 384,490	\$ 316,864	\$ 210,895	\$ 18,433	\$ 486,636	\$ 423,100	\$ 509,000	\$ 399,800	\$ 398,800	\$ 473,600
Capital Project Administration	\$ -	\$ 83,612	\$ 90,283	\$ 92,183	\$ 128,082	\$ 268,865	\$ 277,100	\$ 285,500	\$ 294,100	\$ 303,100
Debt Service	\$ 565,622	\$ 711,656	\$ 713,006	\$ 710,742	\$ 716,626	\$ 717,976	\$ 713,886	\$ 714,276	\$ 714,576	\$ 713,214
Transfers Out	\$ -	\$ -	\$ -	\$ -	\$ 468,600	\$ 468,533	\$ 473,218	\$ 477,951	\$ 482,730	\$ 487,558
TOTAL CAPITAL EXPENDITURES	\$ 6,228,196	\$ 9,540,409	\$ 5,469,165	\$ 3,427,980	\$ 6,662,083	\$ 8,610,574	\$ 7,974,704	\$ 7,434,327	\$ 5,968,106	\$ 5,612,872

ENDING FUND BALANCE (CASH BASIS)	\$ 10,885,184	\$ 5,289,202	\$ 3,898,881	\$ 4,570,844	\$ 4,438,475	\$ 3,211,766	\$ 3,966,644	\$ 3,289,749	\$ 3,244,708	\$ 3,600,989
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**APPENDIX C
COMMUNITY RECOMMENDATIONS AND STAFF RESPONSES
CAPITAL IMPROVEMENT PROGRAM
FISCAL YEARS 2023-2027**

Each recommendation is summarized below, generally in the order that the request was received. Each recommendation and the corresponding response from City staff are attached.

	Page
1. Tom Huster (10 Sackston Woods)	2
• <i>Replace curbing in Sackston Woods subdivision</i>	
2. Elijah Birk (address not specified).....	11
• <i>Make renovated restrooms gender-neutral</i>	
3. James Thomas (701 North Mosley Road)	12
• <i>Repair Mosley Road</i>	
4. Carol Mock (232 Eugenia Street).....	13
• <i>Repair Mosley Road.</i>	
5. Patty Ackerman (17 Ladue Meadows).....	14
• <i>Stormwater leaves street at driveway.</i>	
6. Dan and Laurie McDougell (32 Balcon Estates)	15
Bill Roper (17 Balcon Estates)	
• <i>Stormwater concerns in the Balcon Estates subdivision</i>	
7. Melissa Inkley (12958 Ferntop Lane) and Jim Hearne (12970 Ferntop Lane)	33
• <i>Stormwater improvements behind homes.</i>	
8. Trina Bremerkamp (215 Falling Leaves Court)	34
• <i>Improve Ladue Road west of Interstate 270.</i>	

Appendix C – Community Recommendations CIP FY2023–FY2027

Tom Huster (10 Sackston Woods Lane)

Suggestion

I saw in the Creve Coeur newsletter that you are seeking input on Capital Projects for the coming year. As a trustee of Sackston Woods subdivision, I've previously requested this and been denied, but I'm happy to keep requesting until action is taken.

We have a curb problem, or really a lack-of-curb problem. The asphalt portion of the original street has been overlaid numerous times, and yet the original curbs are never raised to accommodate the increased thickness, thus essentially eliminating the curbs in most locations. At 18 Sackston Woods there is an asphalt curb installed to deter water runoff from their property, but it just diverts it across the street and then with no curb on that side, is creating an ever increasing ditch in front of #21 Sackston Woods.

In other locations where there may be a curb, it is broken and deteriorated beyond repair. Many yards are getting driven through because of lack of curbs, and damaging lawns and sprinkler heads. Photos attached of SOME of the problem areas.

The street was overlaid a few years ago, which is great, but without functioning curbs the new asphalt doesn't do a whole lot of good for the subdivision.

Thus I ask again on behalf of Sackston Woods, that the curbs along the asphalt streets of our subdivision be replaced and raised to function as they are supposed to.

Staff Response

It does not appear that all of the curbing along the asphalt streets in your subdivision need to be replaced. There are a few locations where repairs could be made, and we will consider those in the context of the entire City's curbing-repair needs.

Replacement of all of the curbing in your subdivision would amount to a partial reconstruction of Sackston Woods Lane, and the City cannot incorporate a project of that scale into the coming year's projects due to needs elsewhere and the limited size of the reconstruction/rehabilitation program. This program can address a handful of streets over the five-year plan, and the streets that are included in the program are typically in failing condition and in much worse shape than Sackston Woods.

Our focus for Sackston Woods is one of preservation rather than reconstruction. However, we re-evaluate our roadway maintenance program each year, so Sackston Woods could be considered for a greater project if its conditions change.

















Appendix C – Community Recommendations CIP FY2023–FY2027

Elijah Birk (address not specified)

Suggestion

I read in the Creve Coeur newsletter today that there is a plan in progress to replace the restrooms in Conway Park.

The newsletter specifies that the goal is to make sure they are operational year-round, which is great, but I wanted to reach out with a suggestion for further improvement.

As a nonbinary individual, I'm very aware that transgender and gender non-conforming people have various difficulties with using gendered restrooms. It can be uncomfortable for everyone involved and leave some people feeling unsafe, especially when the physical body doesn't always fit neatly into one category. Gendering restrooms also results in some trending issues, such as baby-changing stations often being unavailable to single fathers.

Typically, a project to add a gender-neutral restroom or make the whole thing gender neutral would require some major structural work and isn't all that easy, but if the restroom is being replaced anyways, now would be the perfect time for it.

I'd like to suggest that a change like this be considered when restructuring the restrooms in Conway Park, and as a consideration for other restrooms going forward.

I'm aware not everyone has a high awareness of LGBT+ issues, so please let me know if I can answer any questions about the idea.

Staff Response

Thank you for this suggestion. The City plans to make the park restrooms gender-neutral and to outfit each restroom similarly through the renovation or replacement projects.

The first restroom renovation or replacement is currently projected to be in 2023-2024. Due to the higher-than-expected cost for the restrooms, the City plans to further study its options for renovation and replacement prior to beginning the project.

Appendix C – Community Recommendations CIP FY2023–FY2027

James Thomas (701 North Mosley Road)

Suggestion

Please fix North Mosley Road.

Staff Response

The City has been working toward improvements to North Mosley Road for nearly 10 years, and we are pleased to report that we plan to make improvements to Mosley Road starting this spring. The project will include all of North Mosley Road (i.e., from Ladue Road to Olive Boulevard) and will involve roadway resurfacing, sidewalk improvements, and some reshaping of the road to improve drive safety and comfort. Construction is likely to begin around May 1 and will continue through the summer months. We hope that you will be happy with the result.

Appendix C – Community Recommendations CIP FY2023–FY2027

Carol Mock (232 Eugenia Street)

Suggestion

As a resident of the Malcolm Terrace subdivision, I often drive on Mosley Road between Olive and Ladue. Much traffic uses that stretch of the road and it would be worthwhile to maintain it more consistently.

As a capital improvement, please consider repaving Mosley Road, and better yet, widen it, moving the sidewalk further from the street.

Staff Response

The City has been working toward improvements to North Mosley Road for nearly 10 years, and we are pleased to report that we plan to make improvements to Mosley Road starting this spring. The project will include all of North Mosley Road (i.e., from Ladue Road to Olive Boulevard) and will involve roadway resurfacing, sidewalk improvements, and some reshaping of the road to improve driver safety and comfort.

Construction is likely to begin around May 1 and will continue through the summer months. We hope that you will be happy with the result.

Appendix C – Community Recommendations CIP FY2023–FY2027

Patty Ackerman (17 Ladue Meadows)

Suggestion

This is the picture of our driveway after a rainstorm. We have asked to have the curb repaired for many years. We have lived in Creve Coeur for 25 years and would appreciate your consideration in repairing the curb in front of our driveway.



Staff Response

Thank you for submitting a request for the Capital Improvement Program.

The issue you show in your photo may take more than a new curb to fix.

The proposed Capital Improvement Program includes a City-wide stormwater management study, which would involve having an engineer review concerns like yours to determine the scope of the issue and its solution. Curbing may be the answer, or maybe an additional inlet is needed. We would look to this study to build the City's plans for stormwater improvements.

As part of the stormwater management study process, the City plans to send out a stormwater questionnaire to all residents to begin to build a list of stormwater concerns to investigate. Look to the newsletters and social media in the next six months for the questionnaire, and please submit your concern.

**Appendix C – Community Recommendations
CIP FY2023–FY2027**

**Dan & Laurie McDougell (32 Balcon Estates)
Bill Roper (12 Balcon Estates)**

Suggestion

A report of the subdivision's stormwater concerns is included on the next page.

Staff Response

We alluded to this at the Stormwater Committee meeting last week, but I should address your submission to the Capital Improvement Program directly. We have received your suggestion for the CIP, and it will be included in the CIP as part of Appendix C (Community Recommendations).

The CIP currently includes a City-wide stormwater management study to begin in about six months. Please look to the City's newsletters and social media for the stormwater questionnaire, respond to it, and encourage your neighbors to do the same. The study will give the City a better understanding of the nature and scale of the issues in your subdivision - and what types of improvements can be made. The study will serve as the beginning of the City's stormwater discussions and a program for the next ten years or more.

Balcon Estates

29 individual Creve Coeur residences located along Balcon Estates

Historic & Emergent Stormwater Management Challenges

A Report from the Trustees of Balcon Estates to the City of
Creve Coeur, Missouri

January 31, 2022

ATTN: The City of Creve COUER Public Works Department

Cc: Jim Heines *Director*

Cc: Matt Wohlberg *Asst. Director / City Engineer*

Bill Roper, Trustee
#12 Balcon Estates
bill@adjunctconsulting.co
(636) 236-2909

Dan & Laurie McDougell, Trustees
#32 Balcon Estates
mcdougdo@gmail.com
(314) 941-1310

Executive Summary

The following summary regarding stormwater management challenges in the subdivision of Balcon Estates has been developed with great assistance and insight from Balcon's most recently retired trustees. We, as new trustees, have highly relied upon the experience, institutional knowledge and guidance they've so generously shared.

The most frequent and costly Stormwater Management conditions throughout the Balcon Estates neighborhood are resultant from the competing dynamics of development-driven, ever-increasing stormwater runoff routed through Balcon Estates within portions of the older, insufficient stormwater-carrying infrastructure that has been in place for decades. Conversely, stormwater infrastructure has been upgraded by the City of Creve Coeur or MSD in portions of the subdivision as recently as 2021. For the purposes of this report, we have named the 3 separate combination open culvert/buried pipe stormwater conveyance channels as the Northeast, Central and South open culverts, for future identification and for locating them on the attached Google Earth map. Our summary report is not authored by a civil engineer or an Authority Having Jurisdiction (AHJ). In developing this report, the Trustees of Balcon Estates also utilized the archived flooding and improvement history provided by previous trustees Michael Taterka and Richard Ringhofer and resident Gay Ackerman, #26 Balcon Estates Dr. Ideas and/or questions posed to the City are therefore based upon limited historical and present-day knowledge of the issues, and future requests for improvement, resident collaboration, remediation & stabilization would require the City Stormwater Committee to first educate the Balcon trustees sufficiently to allow us to represent the true nature and depth of the stormwater issues fairly to our constituents.

We acknowledge the more frequent climate change-induced, severe weather outbreaks factor into the rapid depletion of capital improvement resources, so it stands to reason that every storm event in this generation may not be contained within the stormwater-carrying infrastructure. Assuming that reality, then how to reduce the damaging impacts of bank erosion, tree loss and scouring that exposes sanitary sewers, clogs pipe culverts and causes bank, headwall & street pavement failures is our focus in seeking the City's help with very cost-effective planting, cleaning and stabilization. It is noteworthy that at least three homes (#21-Kramer residence, #24-Taterka residence and #26-Ackerman residence) have experienced floodwaters breaching the Central and/or South open culverts with stormwater moving up to the immediate area adjacent to foundation structure or inground pool improvements seemingly well outside of the easement boundaries.

The thrust of our efforts is aimed at preventing flooding, preserving land, trees & vegetation and fostering ongoing cost-effective stormwater infrastructure maintenance & improvements for Balcon Estates and for our offsite neighbors to the east and south.

Balcon Estates is a beautiful Creve Coeur enclave with many large, mature trees that scrub air pollution and dampen noise from two nearby interstate highways. We want to partner with the city, which like us, has the goal of ensuring that this pastoral neighborhood is preserved into the future by the implementation of cost-effective short- and long-term stormwater management plans as development and climate change will continue to present a growing burden on the

stormwater-conducting infrastructure in our subdivision. We request that the City of Creve Coeur prioritize the capital expenditures required to correct or supplement the stormwater infrastructure systems within the Balcon Estates subdivision and that the city provide guidance in developing realistic solutions to be presented in the future, to the Stormwater Committee.

Cost-effective alternative suggested solutions could be proposed utilizing several options:

- 1) Low impact grading/clearing changes, Bush honeysuckle eradication, aggressive planting;
- 2) Excavation/clearance, bank reinforcement, erosion matting and heavy revegetation changes, Bush honeysuckle eradication; and
- 3) Aggressive planting & copious placement of stormwater-resistant Willows & Willow hybrids, erosion mats, tree plantings and rock revetments, with limited use of more costly shotcrete and precast structures in a few locations.

The George White State Nursery is a good resource for very low-cost, native Missouri plant seedlings. The trustees are committed to working with the City in soliciting the assistance of the residents of Balcon Estates to take voluntary no-cost/low-cost measures to assist in efforts to improve and maintain conditions, potentially working within a master plan developed by the City and trustees to improve, vegetate, clean and provide ongoing vigilance over the open culverts and stormwater piping as a legacy for new, longtime and future homeowners in our subdivision. We appreciate the City's efforts to-date, in spite of the limited resources available. Based on thorough review of the Stormwater Report current to last year, we believe the Balcon Estates costs proposed to be borne by the City would not exceed \$100,000 in calendar 2022.

NORTHEAST, CENTRAL & SOUTH DRAINAGE CULVERT SYSTEMS

What follows is a general pictorial orientation for the Balcon Subdivision as we are not aware of any mapping name designations already being used by the City and Balcon trustees. Following the Balcon maps are a few suggested solutions to scouring, bank erosion and flooding in the Central open culvert at its confluence with the Northeast drainage culvert. Though not shown, another question we ask: what is the potential for slowing the volume/velocity of the South open culvert with an elongated mowable detention basin similar to the Covenant front detention basin and the suggested possible solution at the confluence of the Central and Northeastern culverts?

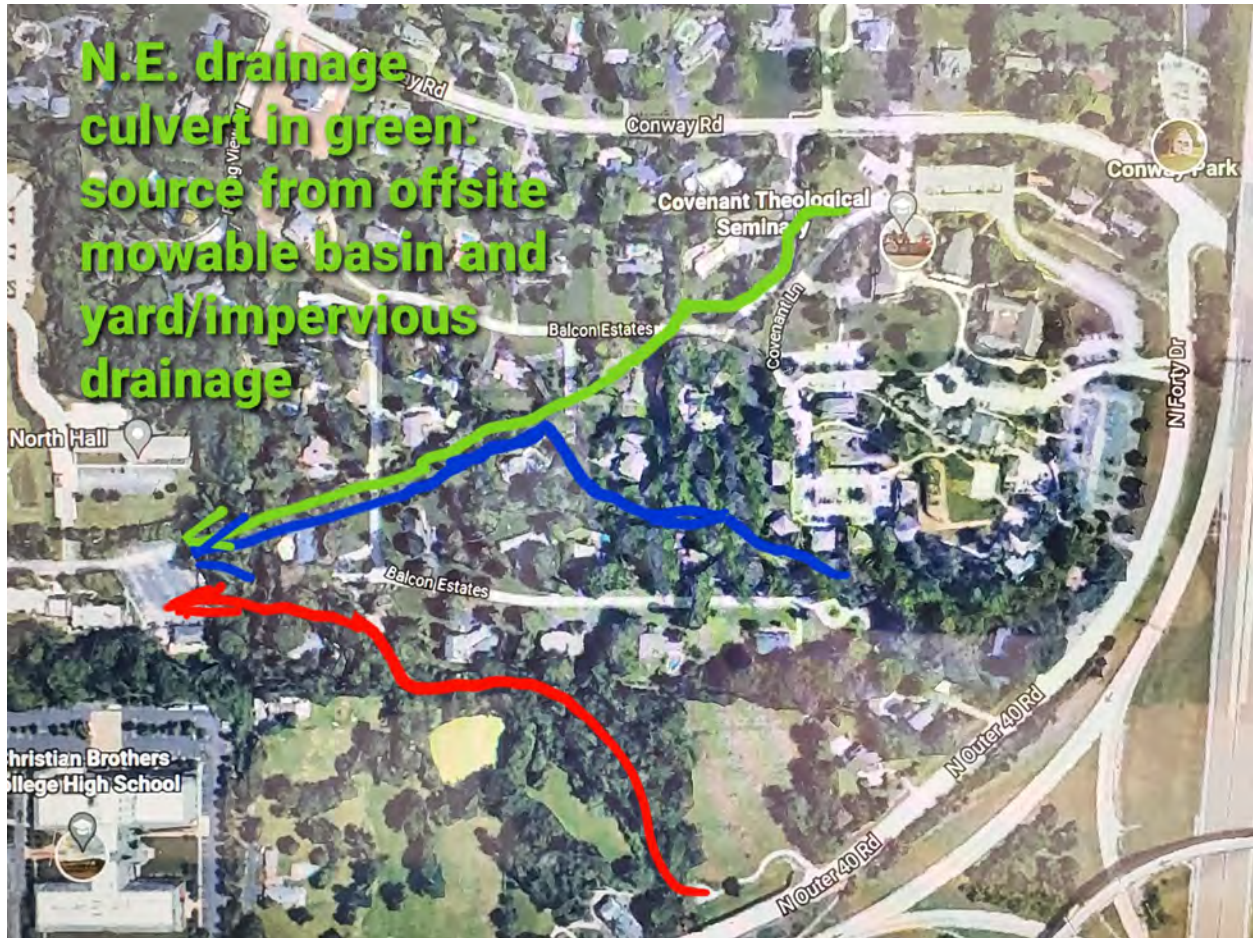
Thank you for your time in onboarding the Balcon Estates trustees and in the next year, educating us on available resources, means and methods, and what is required of us as intermediaries between the City of Creve Coeur and the residents of Balcon Estates.

With sincere appreciation for any consideration and collaboration,

The Balcon Estates Trustees,

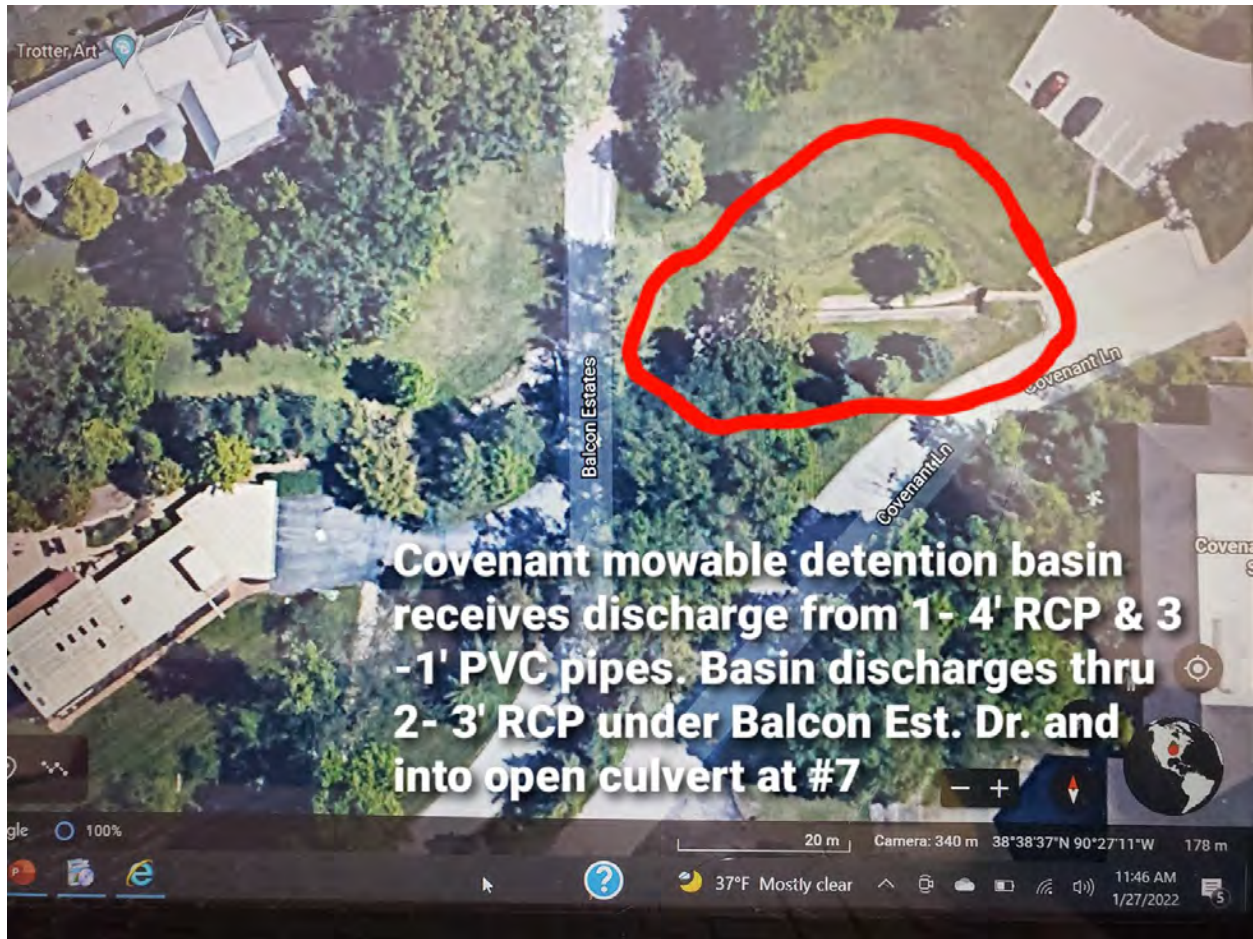
Dan & Laurie McDougell and Bill Roper

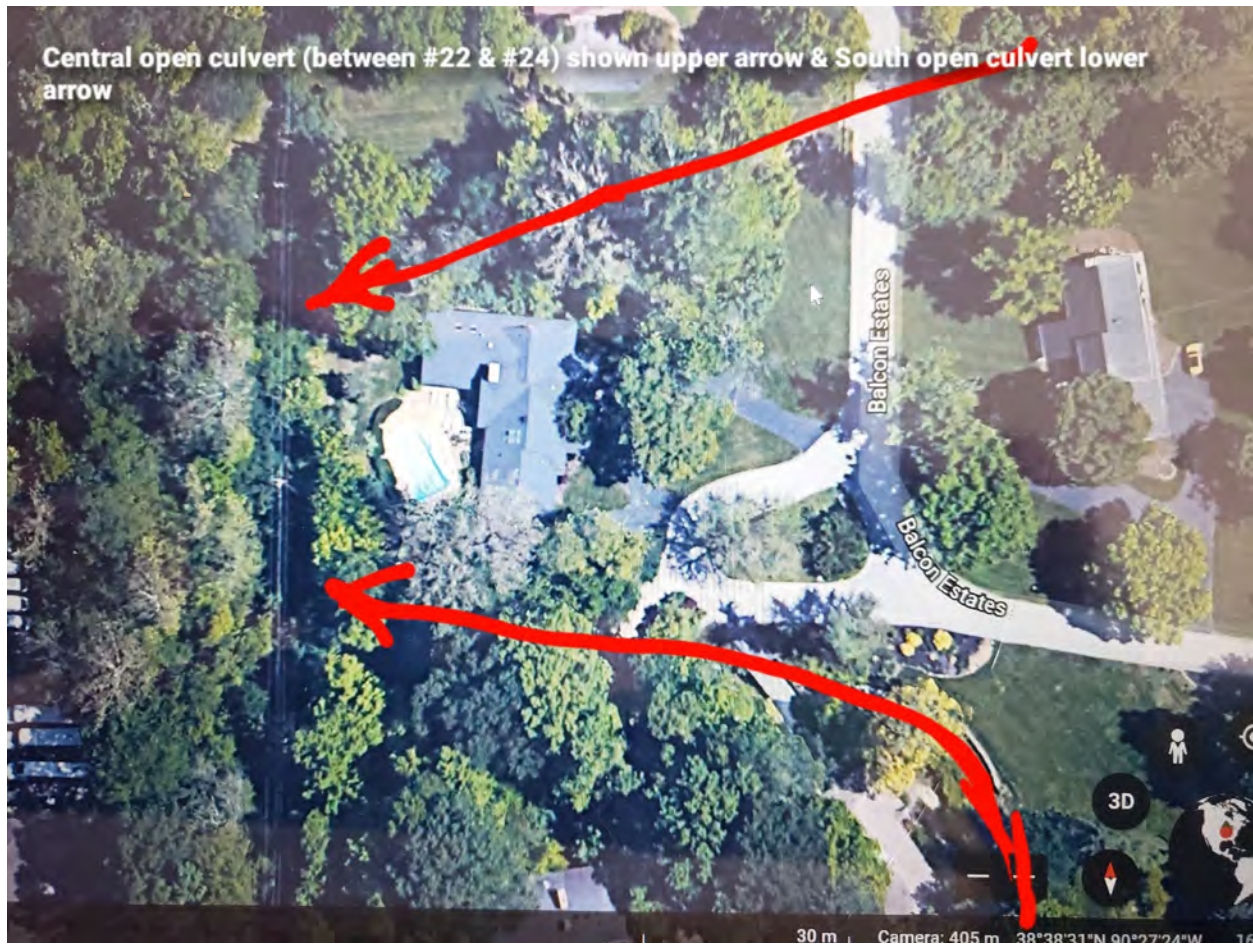
Historically Impacted Residences

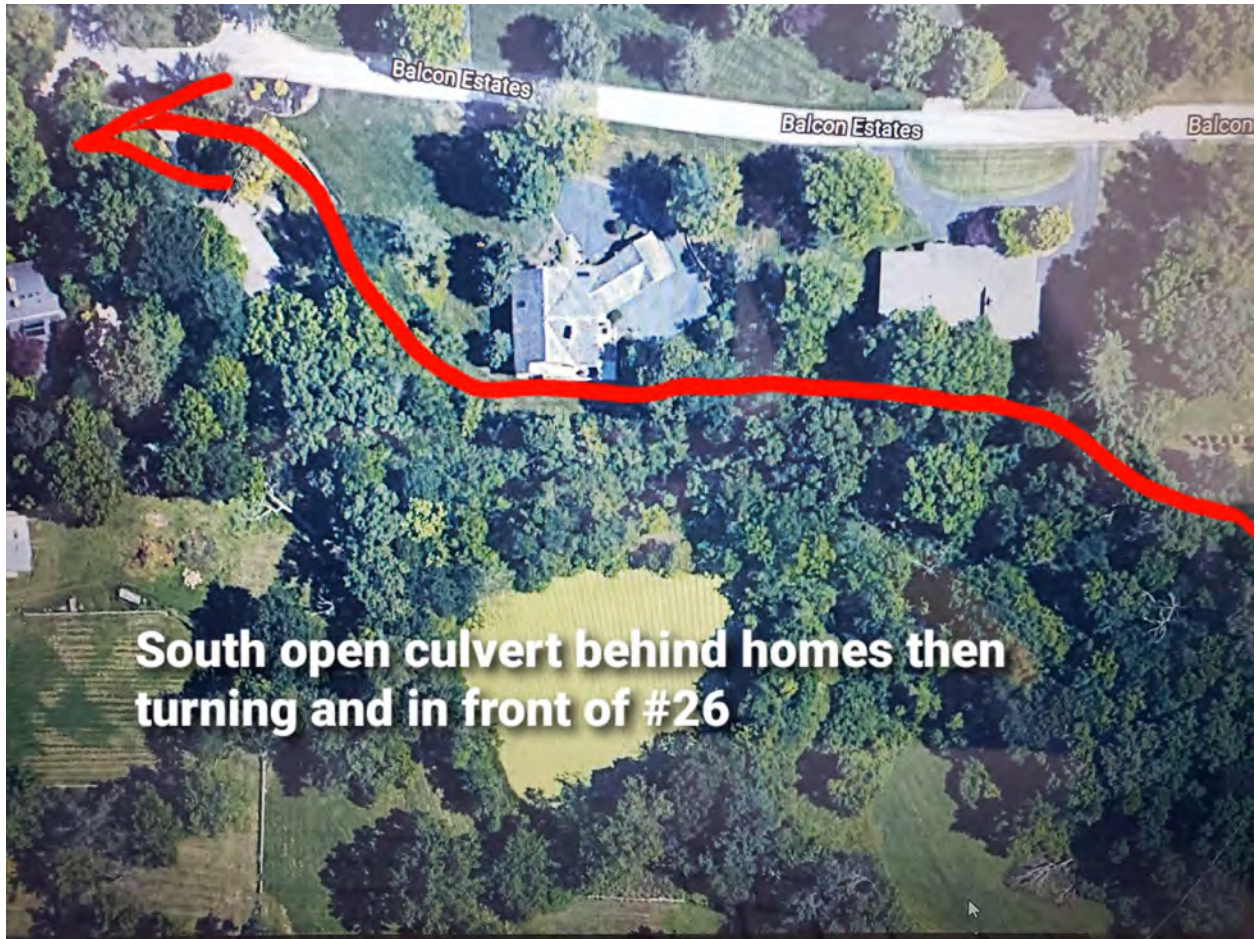






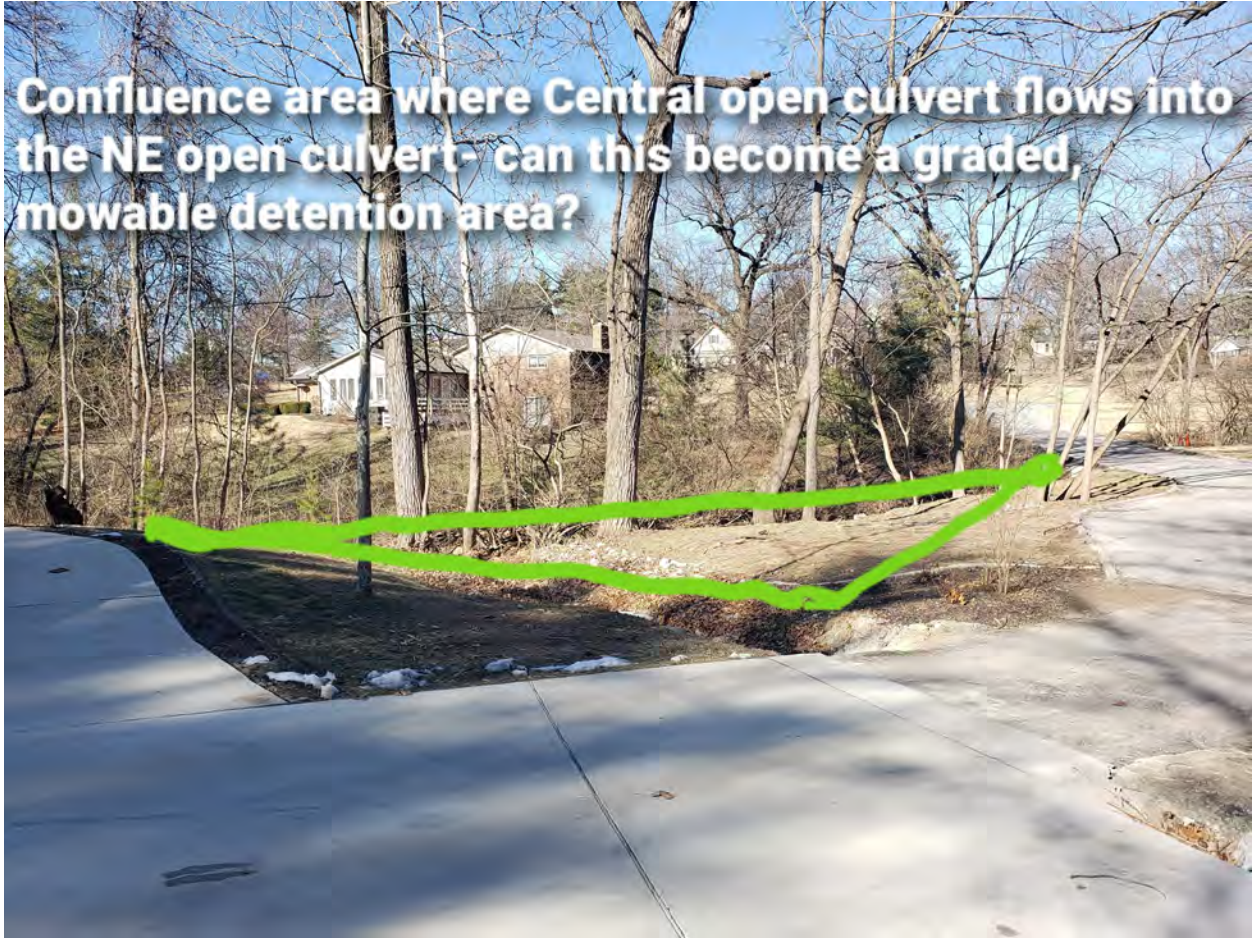


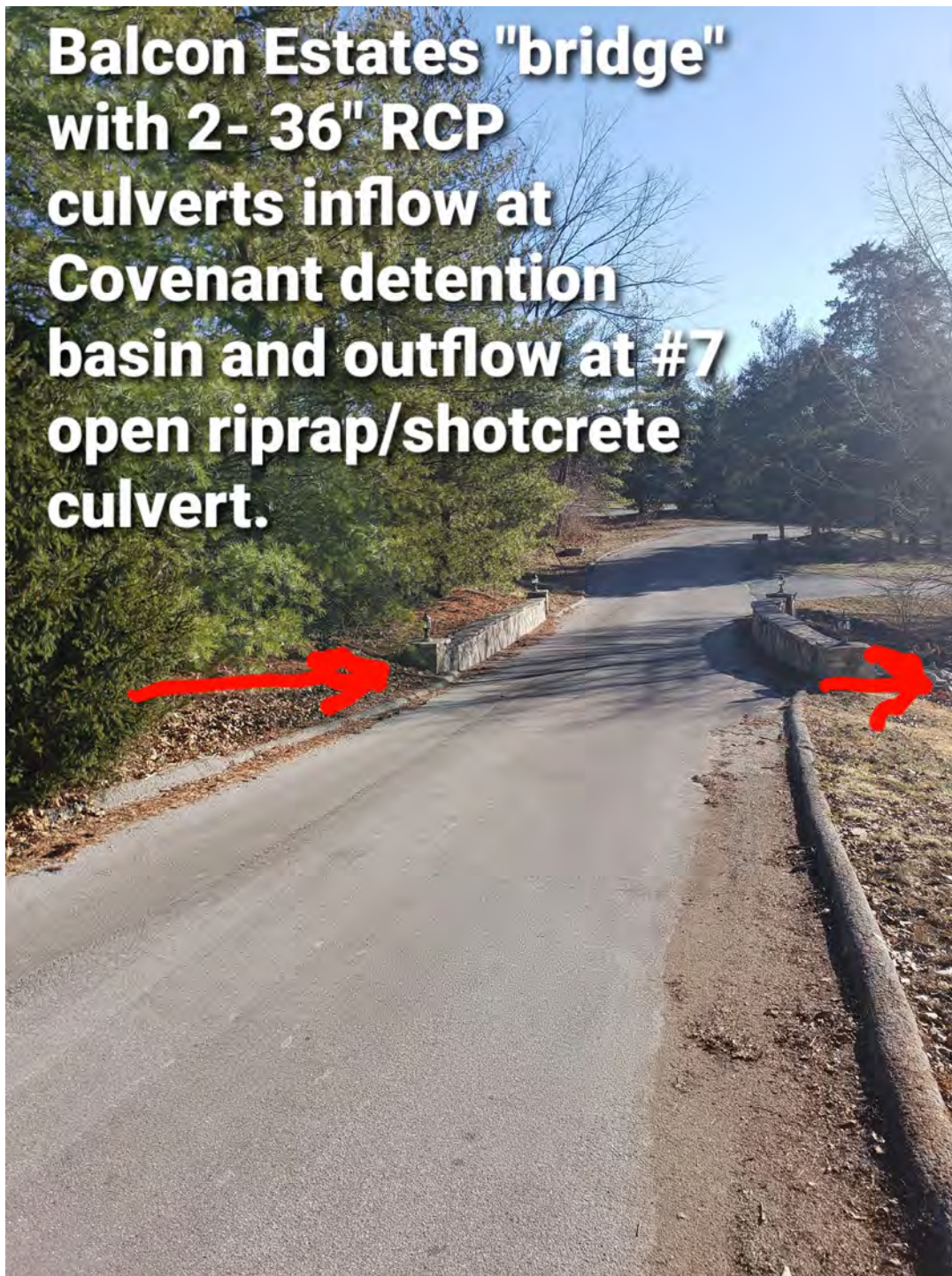






Confluence area where Central open culvert flows into the NE open culvert- can this become a graded, mowable detention area?



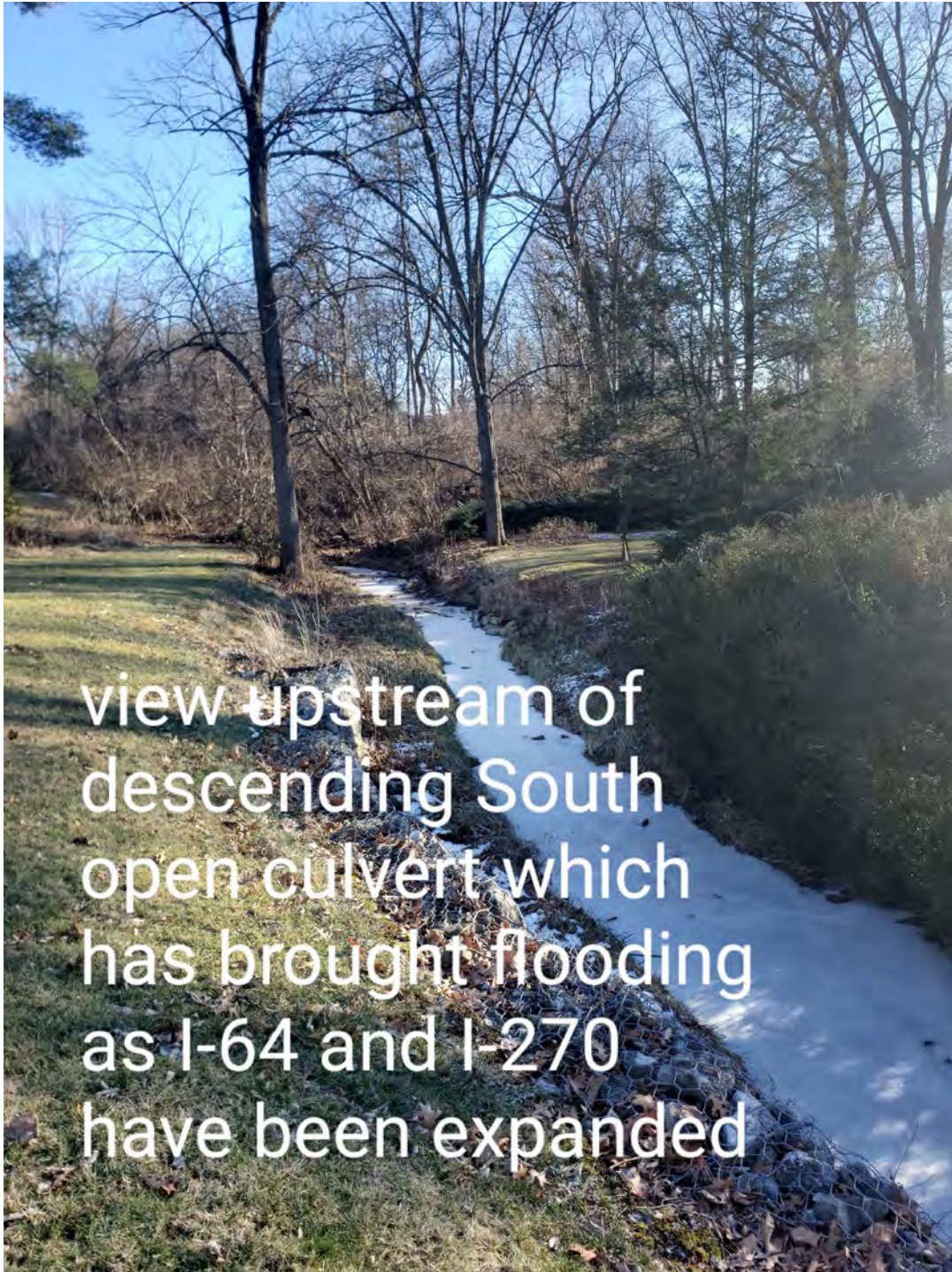












Appendix C – Community Recommendations CIP FY2023–FY2027

Melissa Inkley (12958 Ferntop Lane)
Jim Hearne (12970 Ferntop Lane)

Suggestion

We'd again like to mention the creek bank/erosion behind our homes for consideration. This is primarily due to safety, liability, and property loss.

The erosion has gotten a lot worse, and continuing.

Staff Response

The draft of the Capital Improvement Program includes a design effort to evaluate several stormwater concerns throughout the City, and the creek behind your homes is among the sites that are recommended. This evaluation is proposed to take place in the summer and fall of 2022 and is expected to give the City a better understanding of the issue and the nature and scope of solutions. This information will help the City plan its stormwater improvements in the near future as the City-wide stormwater management study is underway.

Appendix C – Community Recommendations CIP FY2023–FY2027

Trina Bremerkamp (215 Falling Leaves Court)

Suggestion

An idea for capital improvement is the various areas of land along Ladue Road between 270 and Mason where it is eroding/collapsing and possibly compromising the stability of the road edge.

Staff Response

Thank you for submitting your suggestion for the City's Capital Improvement Program. The section of Ladue Road that you reference is owned and maintained by the State of Missouri, so we would need to look to the State to make these improvements. We have had several discussions with the Missouri Department of Transportation about the Ladue roadside drainage over the past few years, so I know that MoDOT is aware of the concern. Unfortunately, I do not know of any plans to make improvements in this area.

APPENDIX D FUTURE PROJECTS CAPITAL IMPROVEMENT PROGRAM FISCAL YEARS 2023-2027

Future Projects are those that have been determined to be necessary or desired but are not identified in the five-year Capital Improvement Program. The reason why a project is not identified in the CIP varies, but many projects are designated as future due to lack of available funding, forecasting future needs, or a combination of the two.

In addition to annual condition assessments of the City's facilities, equipment, and infrastructure, several planning documents have contributed to the Future Projects list:

- 39 North Greenway Plan (2020)
- Golf Course Needs Assessment (2015)
- Historic Building Assessment (2019)
- Millennium Park Trails Study (2019)
- Old Olive Street Road Great Street Plan (2019)
- Parks and Recreation Master Plan (2019)
- Stormwater Master Plan Update (2012)

The total estimated cost of projects identified as Future Projects is approximately \$68 million, summarized as follows:

\$	4,200,000	Government Facilities
\$	10,520,000	Parks and Recreational Facilities
\$	12,797,000	Stormwater
\$	40,350,000	Streets and Sidewalks
\$	67,867,000	Future Project Total

Specific projects are outlined in the pages that follow.

FUTURE PROJECTS - GOVERNMENT FACILITIES

PROJECT	COST
Government Center Renovation <i>Improve the use and accessibility of the public and staff areas of the Creve Coeur Government Center. This project is currently in its planning phase, so the scope of work has not yet been defined. The project cost could be \$5 million or more.</i>	\$ 4,000,000
Public Works Equipment Shelter <i>Demolish the existing structure at 1030 N. Lindbergh Boulevard and construct a new building to house the City's leaf vacuums and other equipment when not in use.</i>	\$ 200,000
SUBTOTAL: \$ 4,200,000	

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

CONWAY PARK	COST
Improve Park Signage <i>Replace the existing signage for the park.</i>	\$ 25,000
Expand Parking (Remove Tennis Court) <i>Remove the south tennis court and expand the parking lot north to add about 40 parking spaces.</i>	\$ 200,000
Dredge Silt from Pond and Stock for Fishing <i>Remove the silt that has accumulated at the bottom of the lake and restore the pond to a suitable depth for fish and a healthy pond system.</i>	\$ 250,000
Repair and Stabilize the Exterior of the Log Cabins <i>Multiple repairs are needed to restore the exterior of the Hackmann Cabin and the Clester Cabin so that both are water-tight and structurally sound.</i>	\$ 175,000
Create Disc Golf Course <i>Add a nine-hole frisbee golf course throughout the park.</i>	\$ 20,000
Add Second Playground with Swingset <i>Construct a second playground that is focused on swings.</i>	\$ 150,000
Create an Arboretum <i>Partner with area agencies to convert the northern portion of Conway Park into an arboretum with entry monuments, informational signage, and interpretive trails.</i>	\$ 200,000
SUBTOTAL - CONWAY PARK: \$ 1,020,000	

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

LAKE SCHOOL PARK	COST
Improve Park Signage <i>Add signs for Lake School Park that follow the design from the FY2022 sign master plan.</i>	\$ 20,000
Renovate Lake School House <i>Future exterior and structural improvements to Lake School House .</i>	\$ 150,000
Create a Walking Path <i>Build an asphalt walking path around the perimeter of the park that connects to the sidewalk on Coeur de Ville Drive.</i>	\$ 150,000
Create New Tennis Complex <i>In addition to the new courts that are envisioned in FY2025, add a new tennis pro shop building and possibly additional courts for pickleball or other racket sports.</i>	\$ 300,000
Dam Repairs <i>The south portion of Lake School Park is a detention facility that uses a large earthen dam to restrict stormwater flow. This dam will need maintenance in time.</i>	\$ 100,000
SUBTOTAL - LAKE SCHOOL PARK: \$ 720,000	

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

LAVERNE COLLINS PARK	COST
Add a Dog Park <i>Create a fenced-in dog park in the open area of the park.</i>	\$ 100,000
Develop a Community Garden <i>Designate a space for a community garden and set up water service for the garden.</i>	\$ 25,000
SUBTOTAL - LAVERNE COLLINS PARK: \$ 125,000	

MALCOLM TERRACE PARK	COST
Improve Park Signage <i>Add signs for Malcolm Terrace Park that follow the design from the FY2022 sign master plan.</i>	\$ 20,000
Replace Pavillion <i>Replace the existing pavilion near the parking lot.</i>	\$ 50,000
Replace Playgrounds and Safety Surface <i>Remove the existing playgrounds and install new, accessible playgrounds with rubberized safety surface.</i>	\$ 350,000
Park Bridge and Stream Rehabilitation <i>Improve the stream channel and protect the footings for the vehicular bridge at the south end of Townsend Street. This bridge is currently closed.</i>	\$ 500,000
Creve-Coeur-Frontenac Rails-to-Trails Project <i>Partner with the City of Frontenac to create a trail connection between Malcolm Terrace Park and a new park in Frontenac using the former railroad right of way.</i>	\$ 250,000
Add Pedestrian Bridges for Nature Trails <i>Two pedestrian bridges are envisioned for the nature trails. Challenges for these bridges include access and their location in the regulatory flood plain.</i>	\$ 500,000
Add a Multi-Use Court <i>Create a new sport court that can be used for sports from basketball to badminton to roller hockey.</i>	\$ 200,000
SUBTOTAL - MALCOLM TERRACE PARK: \$ 1,870,000	

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

MILLENNIUM PARK	COST
Parking Lot Lighting	\$ 80,000
<i>Add lights to the parking lot closest to Millennium Park that resemble those recently installed by Barnes Jewish Hospital in adjacent lots.</i>	
Improve Park Signage	\$ 20,000
<i>Add signs for Millennium Park that follow the design from the FY2022 sign master plan.</i>	
Asphalt Trail Resurfacing	\$ 200,000
<i>Repair, widen, and repave the asphalt trail around Millennium Park.</i>	
Add Nature Trail with Interpretive Elements	\$ 400,000
<i>Create a new trail through the wooded area along the creek at the south end of the project. Two new bridges would be added to provide access to the trail.</i>	
Add Outdoor Fitness Equipment	\$ 50,000
<i>Install fitness stations along the walking path.</i>	
Create an Outdoor Amphitheater/Band Stand	\$ 250,000
<i>Replace one of the ball fields with a permanent amphitheater or band stand to promote summer concerts and other events.</i>	
Replace and Expand the Water Play Feature	\$ 300,000
<i>Remove the existing splash pad and replace it with a larger water play feature with more interactive elements.</i>	
Park Trail Connection to Deland Drive	\$ 175,000
<i>Add a bridge and path to create a trail connection between Millennium Park and the Ridgemoor Forest Subdivision to the south.</i>	
Park Trail Connection to Questover Subdivision	\$ 200,000
<i>Add a trail connection between Millennium Park and the Questover Subdivision on the east side of the park.</i>	
SUBTOTAL - MILLENNIUM PARK: \$ 1,675,000	

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

DR. H PHILLIP VENABLE MEMORIAL PARK		COST
Asphalt Trail Resurfacing		\$ 200,000
<i>Repair, widen, and repave the asphalt trail around the park.</i>		
Improve Park Signage		\$ 20,000
<i>Add signs for Venable Memorial Park that follow the design from the FY2022 sign master plan.</i>		
Replace Pedestrian Bridge		\$ 150,000
<i>Remove and replace the existing wooden pedestrian bridge between Venable Memorial Park and Foxbrook Drive.</i>		
Replace Tennis Courts		\$ 250,000
<i>The existing asphalt tennis courts can no longer be effectively maintained. New courts would be constructed with post-tensioned concrete.</i>		
Create a Dog Park		\$ 100,000
<i>Designate a section of the park as a new dog park, fence it in, and create a walking path to it.</i>		
Add a Water Play Feature		\$ 200,000
<i>Install an interactive splash pad near the existing playground.</i>		
Replace the 2-5 Year Old Playground		\$ 200,000
<i>Remove the existing play structures and install new, accessible playgrounds and new safety surfaces beneath them.</i>		
Install a New Multi-Use Court		\$ 200,000
<i>Create a new sport court that can be used for sports from basketball to badminton to roller hockey.</i>		
SUBTOTAL - VENABLE MEMORIAL PARK:		\$ 1,320,000

FUTURE PROJECTS - PARKS AND RECREATIONAL FACILITIES

DIELMANN RECREATION COMPLEX AND GOLF COURSE		COST
Dielmann Recreation Complex Renovations - Phase 3		\$ 300,000
<i>Improvements include renovated and more accessible locker rooms.</i>		
Ice Arena Refrigerant Switchover		\$ 1,600,000
<i>Replace the existing refrigeration system with a new system that uses ammonia as its coolant. The current system's coolant is no longer manufactured.</i>		
Ice Arena Dehumidification Unit Replacement		\$ 250,000
<i>Replace the existing dehumidification unit with one of similar capacity (if the ice arena remains an ice arena) or a smaller unit (if the ice arena changes to a different use)</i>		
Golf Course Irrigation Replacement		\$ 875,000
<i>Install new pump stations and a new state-of-the-art irrigation system to replace the existing system that is over 40 years old.</i>		
Golf Course Maintenance Bridge		\$ 150,000
<i>Remove the existing, failed wooden maintenance bridge with a culvert that would allow for greater loads to safely cross.</i>		
Golf Course South Fence Replacement		\$ 75,000
<i>Clear brush and trees from the fence line and then replace the existing chain link fence with a new one.</i>		
New Golf Course Maintenance Facility		\$ 500,000
<i>Replace the existing maintenance facility and garage with a new facility.</i>		
Renovate Hole #4 Putting Green		\$ 40,000
<i>Improve the grades and drainage for this green.</i>		
SUBTOTAL - DIELMANN REC. COMPLEX:		\$ 3,790,000

FUTURE PROJECTS - STORMWATER

EROSION PROJECTS	BENEFIT SCORE	COST
New Ballas Culvert Rehabilitation <i>Clear area downstream of the culvert beneath New Ballas Road to regrade and armor the banks to protect from future erosion.</i>	1.12	\$ 125,000
Brooktrail Court Bank Protection <i>Install gabion baskets along the banks of Windrush Creek to protect the bank and combat erosion at 257 Brooktrail Court.</i>	0.34	\$ 35,000
Ferntop Lane Bank Protection <i>Use limestone rock to armor the banks of the creek behind 12970 Ferntop Lane to combat bank erosion.</i>	0.28	\$ 70,000
Fairways Circle Bank Protection <i>Stabilize the banks of the creek behind 527 Fairways Circle to limit future bank erosion.</i>	0.31	\$ 32,000
Fernview Drive Outlet Protection <i>Clear out eroded drainage outlet at 1009 Fernview Drive that has been filled with debris and construct a rock-lined swale to limit further erosion.</i>	0.29	\$ 35,000
Royal Manor Bank Stabilization <i>Clear honeysuckle from banks and install bank stabilization behind 12554 Royal Manor.</i>	0.28	\$ 45,000
D'Artagnan Court Outlet Protection <i>Mitigate the erosion at the end of the stormwater discharge at 13200 D'Artagnan Court and construct channel protection to help prevent future erosion.</i>	0.28	\$ 36,000
Laduemont Drive Outlet Protection <i>Mitigate the erosion at the end of the stormwater discharge at 240 Laduemont Drive and construct channel protection to help prevent future erosion.</i>	0.25	\$ 40,000
Country Manor Lane Outlet Protection <i>Mitigate the erosion at the end of the stormwater discharge at 12295 Country Manor Lane with rock, and add rock along the drainage path toward the creek.</i>	0.20	\$ 49,000
Chamblee Lane Bank Stabilization <i>Construct vegetated gabions along the creek bank to limit future erosion behind 606 and 622 Chamblee Lane.</i>	0.17	\$ 265,000
Spoede View Bank Stabilization <i>Construct vegetated gabions and heavy stone along the creek bank to limit future erosion behind 10677 Spoede View Court.</i>	0.05	\$ 215,000
SUBTOTAL - EROSION PROJECTS:		\$ 822,000

FUTURE PROJECTS - STORMWATER

FLOODING WITH EROSION PROJECTS	BENEFIT SCORE	COST
Fernridge Creek Flood Mitigation <i>Stabilize the banks of Fernridge Creek from Bellerive Estates Drive to Ambois Drive and increase flood capacity for the creek.</i>	0.17	\$ 5,000,000
Chasselle and Chamblee Flood Mitigation <i>Stabilize and reinforce the banks of the creeks between Chasselle and Chamblee and construct a berm/levy along Hibler Creek to protect homes on Chamblee.</i>	0.12	\$ 3,500,000
Hibler Creek Tributary Stabilization <i>Regrade and reinforce the banks of approximately 400 feet of creek along the west side of 12759 Ladue Road.</i>	0.08	\$ 1,000,000
SUBTOTAL - FLOODING WITH EROSION:		\$ 9,500,000

FUTURE PROJECTS - STORMWATER

INFRASTRUCTURE PROJECTS	BENEFIT SCORE	COST
New Inlet at Magna Carta Drive at Templar Drive <i>Replace the existing small, non-standard inlet at the corner of Magna Carta and Templar with a standard grate inlet to reduce the tendency to clog.</i>	0.50	\$ 20,000
Mosley Acres Curbing <i>Replace approximately 400 feet of curbing to help prevent erosion behind the curb. This work would be best incorporated into a larger road project on Mosley Acres.</i>	0.38	\$ 55,000
Oak Park Court Stormwater Improvements <i>New curbing, inlet, and pipes to ensure that the roadway runoff does not flood and erode the yard at #3 Oak Park.</i>	0.30	\$ 50,000
New Inlet at Magna Carta Drive at Runnymede Drive <i>Design and construct a new curb inlet near the intersection of Magna Carta and Runnymede where water tends to collect.</i>	0.20	\$ 50,000
Graeser Lane Drainage Improvements <i>Graeser Lane currently relies upon one area inlet at the end of the street. This project would design and construct additional stormwater facilities along Graeser Lane.</i>	0.13	\$ 100,000
Creve Coeur Golf Course Pond Rehabilitation <i>The golf course ponds serve as detention ponds and have silted in. Work includes dredging the ponds, replacing the dam, and installing rock along pond banks.</i>	0.02	\$ 2,000,000
Inspect and Update New Ballas Stormwater System <i>It is unclear whether the stormwater system along New Ballas was ever dedicated to and accepted by MSD. This work would prepare the system for dedication.</i>	0.00	\$ 200,000
SUBTOTAL - INFRASTRUCTURE PROJECTS: \$ 2,475,000		

FUTURE PROJECTS - STREETS

MAJOR ROADWAY PROJECTS	COST
Ladue Road Phase 1 <i>Resurfacing and sidewalk improvements from Emerson to Mosley</i>	\$ 1,500,000
Ladue Road Phase 2 <i>Resurfacing and sidewalk improvements from Mosley to Lindbergh</i>	\$ 1,500,000
New Ballas Road Phase 3 <i>Pavement resurfacing and sidewalk improvements from Ladue to Magna Carta.</i>	\$ 1,500,000
New Ballas Road Phase 4 <i>Resurfacing and sidewalk improvements from Magna Carta to Olive</i>	\$ 1,500,000
New Ballas Road at Olive Boulevard Intersection Expansion <i>Re-align the through lanes and extend the turn lanes of New Ballas Road at Olive Boulevard. Relocate the traffic signals to accommodate the new layout.</i>	\$ 2,000,000
Old Olive Street Road Great Street Phase 2 <i>Old Olive Great Street Plan east of Lindbergh (reduced road width, new sidewalk and bike path)</i>	\$ 3,000,000
Old Olive Street Road Great Street Phase 3 <i>Old Olive Great Street Plan west of Lindbergh (reduced road width, new sidewalk and bike path)</i>	\$ 6,000,000
Olive Boulevard Lighting and Signal Repainting <i>Repaint the decorative median lighting and traffic signals along Olive Boulevard between New Ballas Road and Cross Creek Drive.</i>	\$ 200,000
Olive Boulevard Median Enhancements (Mason to Fernview) <i>Construct landscaped medians with decorative lighting along the centerline of Olive Boulevard from Mason Road west to Fernview Drive.</i>	\$ 2,200,000
Olive Boulevard Median Plantings and Irrigation Repairs <i>Evaluate and repair the irrigation system for the Olive median planting areas and replace the median flowers, bushes, and trees.</i>	\$ 250,000
Olive-Lindbergh Interchange Landscaping <i>Add landscaping to the existing lawn areas at the Olive-Lindbergh interchange according to the design that is scheduled for FY2022.</i>	\$ 250,000
SUBTOTAL - MAJOR ROAD PROJECTS: \$ 19,900,000	

LOCAL ROADWAY MAINTENANCE AND IMPROVEMENTS	COST
Microsurfacing	\$ 1,500,000
Asphalt Pavement Resurfacing	\$ 2,500,000
Concrete Slab Replacement	\$ 3,500,000
Rehabilitation/Reconstruction	\$ 1,500,000
SUBTOTAL - LOCAL ROAD PROJECTS: \$ 9,000,000	

FUTURE PROJECTS - SIDEWALKS

NEW SIDEWALK AND TRAIL PROJECTS	COST
39 North Greenway	\$ 5,000,000
<i>Construct a new multi-use path through much of the 39 North District that connects to Stacy Park in the south to the Centennial Greenway in the north.</i>	
Bellerive Estates Sidewalk	\$ 750,000
<i>Design, acquire easements for, and construct a new sidewalk along Bellerive Estates Drive from Fernview Drive to Mason Manor Drive.</i>	
Creekside/Bellerive Trail	\$ 150,000
<i>Add a new multi-use path between Creekside subdivision and Bellerive Elementary School.</i>	
Falaise Sidewalk Feasibility Study	\$ 30,000
<i>Explore the possibility and cost of a sidewalk along Falaise between Hibler and Cross Creek.</i>	
Fernview Drive and Connecting Sidewalks	\$ 1,500,000
<i>Design, acquire easements for, and construct a sidewalk along the east side of Fernview Drive from Olive to Gallagher Road and connect to adjacent sidewalks.</i>	
Mason Road Sidewalk Infill	\$ 1,500,000
<i>Add a sidewalk along Mason Road from Conway Road to Hibler Road through a partnership with St. Louis County and Town and Country when Mason is next paved.</i>	
Office Park Sidewalk Improvements	\$ 300,000
<i>Remove and replace the existing sidewalk along Office Parkway and Olde Cabin Road with a 6-foot-wide sidewalk that is protected by a new vertical curb.</i>	
Trail Connection between Ridgemoor Forest and Country Forest Subdivisions	\$ 220,000
<i>Create a multi-use trail from the end of Trammell Court to Cross Green Drive as part of a larger effort to increase connectivity to Millennium Park.</i>	
SUBTOTAL - NEW PROJECTS: \$ 9,450,000	

MAINTENANCE OF THE EXISTING SIDEWALK NETWORK	Cost
Sidewalk Repairs and Accessibility Upgrades	\$ 2,000,000
<i>City-wide repairs to and replacement of existing sidewalk and curb ramps to fix broken areas, correct tripping hazards, and make accessibility improvements.</i>	
SUBTOTAL - EXISTING MAINTENANCE NEEDS: \$ 2,000,000	