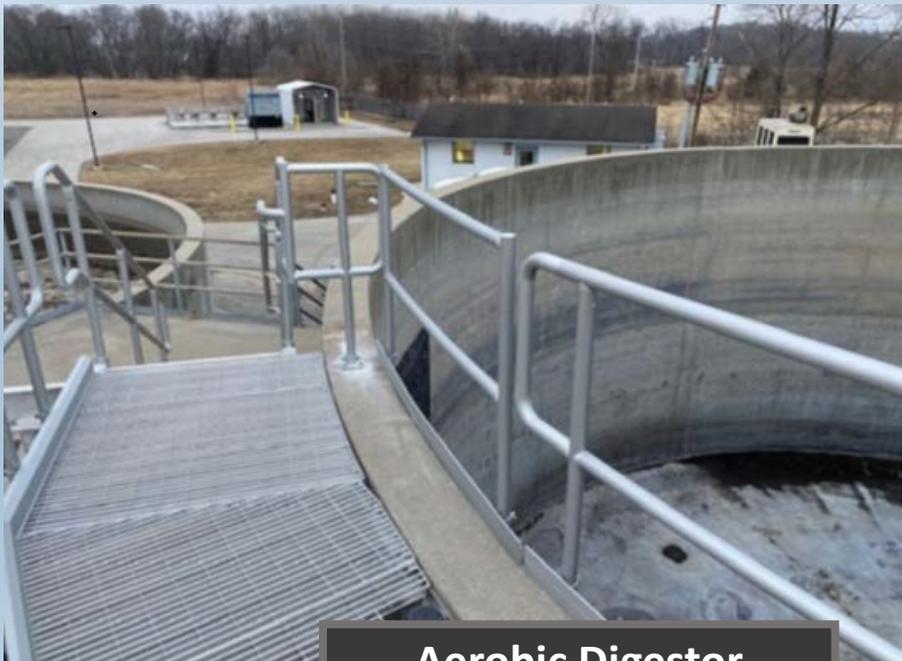


**Downtown Streetscape
Phase III**



Raw Water Pump Station

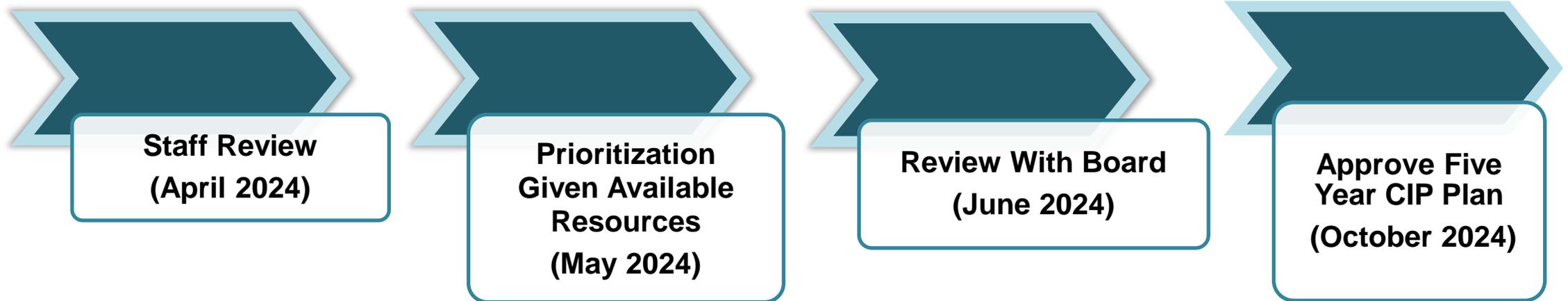


Aerobic Digester

**FY2025 – FY2029
Capital Improvement Plan Review**

6/4/2024

5 Year CIP Development Process



5 Year CIP – Update Highlights



Sidewalk, pavement, and stormwater improvements on Quincy Boulevard are addressed as a part of the FY2023 Capital Improvement Program

- The City Administrator and Department Directors have worked together to update the Proposed Five-Year CIP (FY2025 – FY2029) for initial review by the Board of Aldermen.
- Projects with approved MARC Transportation Funding have been prioritized within the Five-Year CIP.
- Stormwater projects have been slotted into the Park & Stormwater Sales Tax Fund CIP based upon Public Works staff review of recommendations from the Stormwater Master Plan developed by George Butler Associates.
- Board priorities developed from the June retreat will be integrated into the Five-Year CIP.

Capital Projects

Secured MARC Grant Reimbursements



Capital Improvement Project	Funding Program	Funding Amount
1 st & Bridge Street Round-A-Bout	Missouri Surface Transportation Block Grant Program (STBG)	\$896,000
Riverwalk Park – Phase I	Missouri Transportation Alternatives Program (TAP)	\$900,000
Second Creek Sidewalks	Missouri Transportation Alternatives Program (TAP)	\$600,000

Grand total of \$2,396,000 in secured funding



Capital Project Cost Estimates For Secured MARC Funds



Capital Improvement Project	Engineering Estimate	Construction Estimate	Total Project Estimate	Total Reimbursement to City	Total Net Cost to City
1 st & Bridge Street Round-A-Bout	\$250,000	\$4,000,000	\$4,250,000	\$896,000 <i>(45% of Project Total)</i>	\$3,354,000
Riverwalk Park & Trail	\$250,000	\$1,800,000	\$2,050,000	\$900,000 <i>(44% of Project Total)</i>	\$1,150,000
Second Creek Sidewalks	\$150,000	\$945,000	\$1,095,000	\$600,000 <i>(55% of Project Total)</i>	\$495,000

General Fund Proposed FY2025 – FY2029 CIP



Capital Improvement Projects	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Annual Wayfinding Signage Installation	\$100,000	\$100,000	\$100,000	\$100,000	\$ -
1 st & Bridge Street Round-A-Bout (Engineering)	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Annual Asphalt Overlay Program Funding	\$ -	\$ -	\$ -	\$ -	\$ -
Additional Sidewalk Replacement Program Funding	\$ -	\$ -	\$ -	\$ -	\$ -
2 nd Creek Bridge Sidewalks (30% of Construction)	\$250,000	\$ -	\$ -	\$ -	\$ -
Riverwalk Park & Trail (10% of Construction)	\$200,000	\$ -	\$ -	\$ -	\$ -
Grand Total	\$550,000	\$100,000	\$100,000	\$100,000	\$0



The General Fund provides supplemental revenue for the Annual Asphalt Overlay Program and Sidewalk Replacement Program as needed

General Fund Pending CIP Projects Listing



Pending Capital Improvement Projects	Cost Estimate
Police Department Building (Engineering)	\$1,500,000
Police Department Building (Construction)	\$18,000,000
Streets & Parks & Recreation Facility Building (Engineering)	\$750,000
Streets & Parks & Recreation Facility Building (Construction)	\$2,750,000
Tornado Sirens (Purchase & Installation)	\$100,000
Grand Total (Net Cost)	\$23,100,000

**Floating Aerator
Wastewater Treatment Plant**



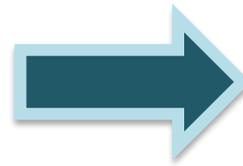
Valve Vault – Raw Water Pump Station



**Utilities Department
Public Works**



Waterline Replacement Projects

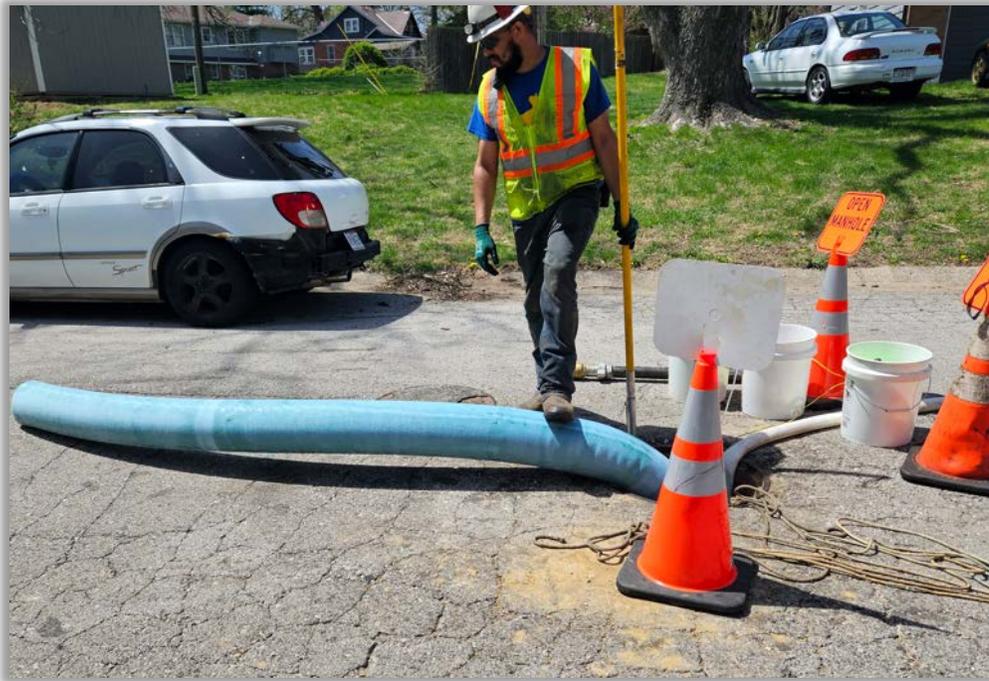


Corroded & Aging Smithville Waterline Segments

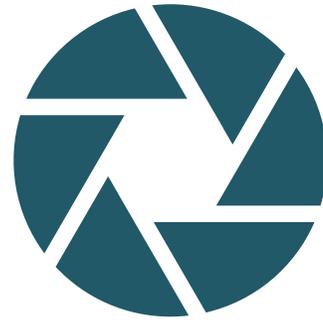
Winner Avenue Waterline Replacement

*4th Street & 4th Terrace
Waterline Improvement*

Cured in Place Pipe/Manhole Rehabilitation Program



Sewer Relining Process



Manhole Rehabilitation & Relining

Proposed 5 Year CIP FY2025 – FY2029 CWWS Fund (Non-Impact Fees)



Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY2028	FY2029
Interconnect Mains at 144 th /169 Highway (S2, Construction)	\$55,000	-	-	-	-
Highway 92 & Commercial Waterline (Engineering)	\$150,000	-	-	-	-
West Bypass of the 144th Street Lift Station (Construction)	\$2,200,000	-	-	-	-
144 th Street Lift Station (Construction)	\$1,700,000	-	-	-	-
Smith's Fork Force Main (Construction)	\$600,000	-	-	-	-
Owens Branch Gravity Line Phase #1, Line #1 (Engineering)	\$200,000	-	-	-	-
Maple Ave & River Crossing (12" Waterline) (50% of Construction)	\$700,000	-	-	-	-
Smith's Fork Park Waterline (Construction)	\$170,000	-	-	-	-
Stonebridge Lift Station (Engineering)	\$30,000	-	-	-	-
Stonebridge Lift Station (Construction With SSD Cost Sharing)	\$1,300,000	-	-	-	-
Water Plant Improvements (Construction)	\$1,400,000	-	-	-	-
McDonalds/Central Bank Lift Station (Engineering)	\$100,000	-	-	-	-
Grand Total (Net Cost)	\$8,605,000	\$0	\$0	\$0	\$0

Proposed 5 Year CIP FY2024 – FY2028 CWWS Fund (Non-Impact Fees)



Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY2028	FY2029
Owens Branch Gravity Line Phase #1, Line #1 (Construction)	-	\$2,200,000	-	-	-
Highway 92 & Commercial Waterline (Construction)	-	\$300,000	-	-	-
Owens Branch Gravity Line Phase #1, Line #2 (Engineering)	-	\$600,000	-	-	-
McDonalds/Central Bank Lift Station (Construction)	-	\$500,000	-	-	-
Owens Branch Gravity Line Phase #1, Line #2 (Construction)	-	-	\$2,500,000	-	-
Water Plant Expansion (Engineering)	-	-	\$2,100,000	-	-
Wastewater Treatment Plant Expansion (Construction)	-	-	\$3,000,000	\$3,000,000	-
Additional Water and Wastewater Project Funding	-	-	-	\$2,000,000	-
Water Plant Expansion, Phase I (Construction)	-	-	-	-	\$7,500,000
Additional Water and Wastewater Project Funding	-	-	-	-	\$2,000,000
Grand Total (Net Cost)	\$8,605,000	\$3,600,000	\$7,600,000	\$5,000,000	\$9,500,000

Proposed 5 Year CIP FY2025 – FY2029 CWWS Fund (Water Impact Fees)

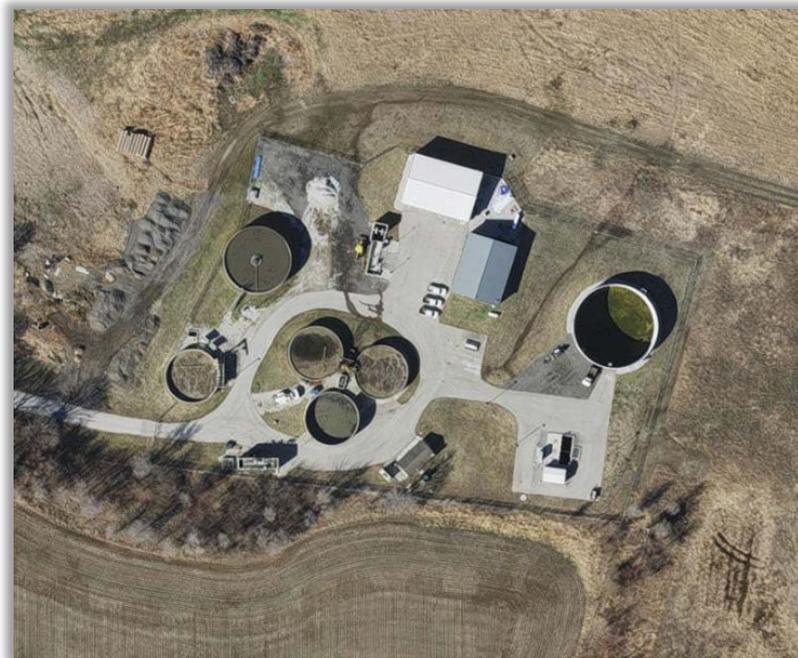


Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Maple Ave & River Crossing (12" Waterline) (50% of Construction)	\$700,000	-	-	-	-
Grand Total	\$700,000	-	-	-	-

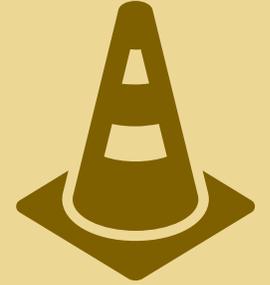
Proposed 5 Year CIP FY2025 – FY2029 CWWS Fund (Wastewater Impact Fees)



Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Wastewater Treatment Plant Expansion (Engineering)	\$1,050,000				
Grand Total	\$1,050,000	-	-	-	-



Wastewater Treatment Plant – Aerial View



Transportation Sales Tax Fund

Annual Mill and Overlay & Sidewalk Replacement



- The **2024 Street Maintenance Program** was funded in the amount of \$300,000. Asphaltic Surfaces was awarded the bid to complete work in Harborview. The work was completed in May at a total cost of \$268,000.
- The **2024 Sidewalk Replacement Program** was funded in the amount of \$25,000. KC Concrete was awarded the bid to complete work in Harborview. The work was completed in May within budget.
- The Board discussed pursuing a quarter cent sales tax increase to further fund the annual street maintenance program.

Proposed 5 Year CIP FY2025 – FY2029 Transportation Sales Tax Fund



Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Annual Asphalt Overlay Program (Projects TBD)	\$300,000	\$400,000	\$300,000	\$300,000	\$300,000
Annual Sidewalk Replacement Program	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Commercial Street Sidewalks (Construction)	\$1,400,000				
Commercial Street Sidewalks (MARC Reimbursement)	-\$960,000				
1 st & Bridge St Round-A-Bout Construction (80% of Project Expense)					
1 st & Bridge Street Round-A-Bout (MARC Reimbursement)					
180th & Eagle Round-A-Bout Construction (25% of Project Expense)					\$300,000
Grand Total (Net Cost)	\$790,000	\$450,000	\$350,000	\$350,000	\$650,000

* 1st & Bridge Round-A-Bout exceeds available funds.



**Capital Improvement
Sales Tax Fund**

Proposed 5 Year CIP

FY2025 – FY2029 Capital Improvement Sales Tax Fund



Capital Improvement Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Annual Transfer to Debt Service	\$364,875	\$367,920	\$373,420	\$376,420	\$382,420
Riverwalk & Trail (Engineering)	\$150,000	-	-	-	-
2 nd Creek Sidewalks (Engineering)	\$100,000	-	-	-	-
Downtown Streetscape Phase III	\$1,800,000	-	-	-	-
Downtown Streetscape Phase III (MARC)	\$1,488,000	-	-	-	-
1st & Bridge Street Round-A-Bout (80% of Engineering)	\$500,000	-	-	-	-
2 nd Creek Sidewalks (70% of Construction)	\$695,000	-	-	-	-
2 nd Creek Sidewalks (MARC Reimbursement)	-\$600,000	-	-	-	-
Riverwalk & Trail Construction (60% of Construction)	\$480,000	\$670,000	-	-	-
Riverwalk & Trail (MARC Reimbursement)	-\$480,000	-\$420,000	-	-	-
1 st & Bridge Street - Round-A-Bout (20% of Construction)	-	\$300,000	-	-	-
180 th & Eagle Parkway Round-A-Bout (Engineering)	-	-	\$250,000	-	-
Pope Lane Round-a-Bout/Connection (80% of Engineering)	-	-	-	\$400,000	-
180 th & Eagle Parkway Round-A-Bout (75% of Construction)	-	-	-	\$1,000,000	-
180 th & Eagle Parkway Round-A-Bout (MARC Reimburse)	-	-	-	(700,000)	-
Grand Total (Net Cost)	\$4,497,875	\$917,920	\$623,420	\$1,076,420	\$382,420



**Park & Stormwater
Sales Tax Fund**

Park & Stormwater Sales Tax Fund Proposed FY2025 – FY2029 CIP



Park and Stormwater Sales Tax Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
OK Railroad Trail - Phase I (Construction)	\$281,000				
OK Railroad Trail - Phase I (Grant)	(184,000)				
Dundee Road Stormwater Improvements (Engineering)	\$50,000				
Dundee Road Stormwater Improvements (Construction)	\$150,000				
Riverwalk & Trail Construction (30% of Construction)	\$600,000	-	-	-	
Grand Total (Net Cost)	\$897,000	\$0	\$0	\$0	\$0



Current Emerald Ridge Park To Be Updated

Park & Stormwater Sales Tax Fund Proposed FY2025 – FY2029 CIP (Continued)



Park and Stormwater Sales Tax Project Name	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
Forest Oaks Stormwater Improvements (Engineering)	-	\$50,000	-	-	
Forest Oaks Stormwater Improvements (Construction)	-	\$300,000	-	-	
Cedar Lakes Stormwater Improvements (Engineering)	-	-	\$25,000	-	
Cedar Lakes Stormwater Improvements (Construction)	-	-	\$100,000	-	
Smith's Fork Park Complex (Engineering & Design)	-	-	\$640,000	-	
Maple Lane Stormwater Improvements (Engineering)	-	-	-	\$50,000	
Maple Lane Stormwater Improvements (Construction)	-	-	-	\$250,000	
Smith's Fork Park Complex (Construction, Phase I)	-	-	-	\$2,240,000	
Grand Total (Net Cost)	\$897,000	\$350,000	\$765,000	\$2,540,000	\$0



George Butler Associates completed a Stormwater Master Plan for the City which outlines plan for stormwater improvements and maintenance programs

All Funds Total Proposed FY2025 – FY2029 CIP



Capital Improvement Projects - All Funds	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
General Fund	\$700,000	\$250,000	\$200,000	\$100,000	\$0
Combined Water & Wastewater Fund - Non Impact Projects	\$8,805,000	\$3,600,000	\$7,600,000	\$5,000,000	\$9,500,000
Combined Water & Wastewater Fund - Water Impact Projects	\$700,000	\$0	\$0	\$0	\$0
Combined Water & Wastewater Fund - Wastewater Impact Projects	\$1,050,000	\$0	\$0	\$0	\$0
Transportation Sales Tax Fund	\$890,000	\$450,000	\$500,000	\$500,000	\$800,000
Capital Improvement Sales Tax Fund	\$4,497,875	\$917,920	\$623,420	\$1,076,420	\$382,420
Parks & Stormwater Sales Tax Fund	\$900,000	\$350,000	\$765,000	\$2,540,000	\$0
Grand Total	\$17,542,875	\$5,567,920	\$9,688,420	\$9,216,420	\$10,682,420

5 Year Grand Total for All Funds: \$52,698,055

CIP Review Conclusion



- MARC Grants have allowed the City to take advantage of outside funding to supplement project expenses.
- Projects are ***aligned to preserve adequate cashflow amounts in all funds.***
- Rate adjustments will be necessary going forward to continue to fund capital improvement projects in the CWSW Fund.
- Refinement of CIP priorities will occur through discussion with the Board over the summer.

