## Stormwater Utility

### 2024 Capital Budget Request Summary

## Request by Proposal

| Project/Program Name | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Citywide Flood Mitigation | 15,210,000 | 2,740,000 | 1,010,000 | 260,000 | 1,710,000 | 1,360,000 |
| Lower Badger Mill Creek Pond at Mineral Point Rd | - | - | - | - | - | 1,800,000 |
| Storm Sewer System Improvements | 445,000 | 180,000 | 180,000 | 180,000 | 190,000 | 210,000 |
| Stormwater Quality System Improvements | 1,530,000 | 1,540,000 | 1,005,000 | 400,000 | 900,000 | 1,975,000 |
| Street Cleaning Equipment - Streets | 557,000 | 596,000 | 638,000 | 824,000 | 526,000 | 780,000 |
| Warner Lagoon Dredging | - | - | - | - | - | 4,500,000 |
| **Total** | **$ 17,742,000** | **$ 5,056,000** | **$ 2,833,000** | **$ 1,664,000** | **$ 3,326,000** | **$ 10,625,000** |

## Request by Funding Source - GO Borrowing vs. Other

### 2024 Request

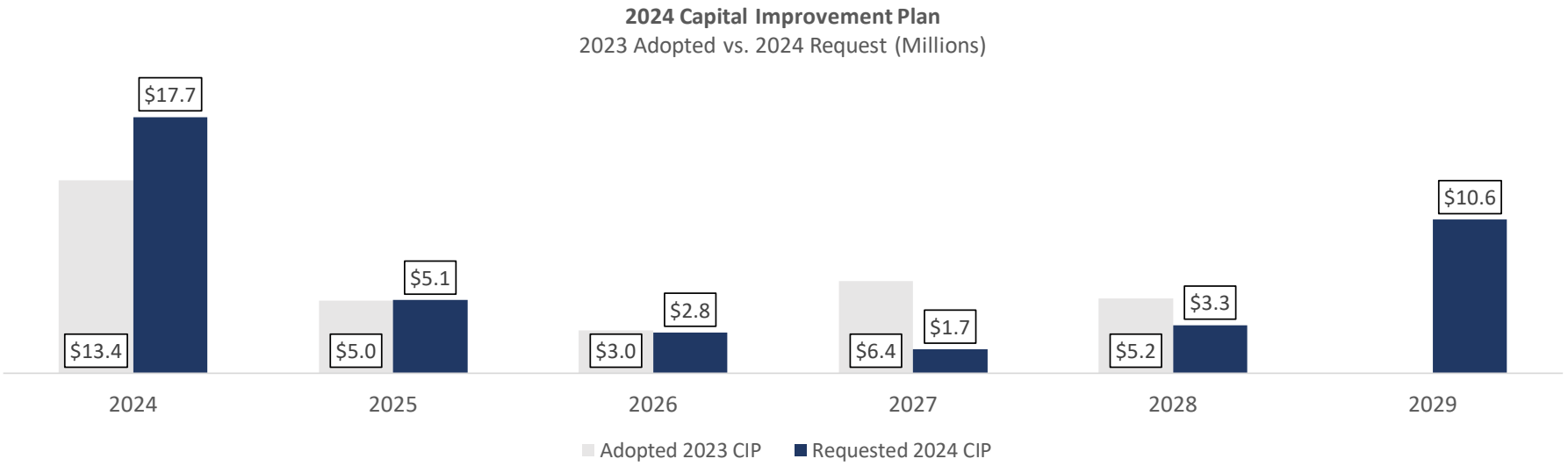
| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | Total ('24 to '28) |
|---|---|---|---|---|---|---|---|
| GO Borrowing | 8,890,000 | 3,490,000 | 1,315,000 | 210,000 | 1,860,000 | 6,045,000 | 15,765,000 |
| Other | 8,852,000 | 1,566,000 | 1,518,000 | 1,454,000 | 1,466,000 | 4,580,000 | 14,856,000 |
| **Total** | **$ 17,742,000** | **$ 5,056,000** | **$ 2,833,000** | **$ 1,664,000** | **$ 3,326,000** | **$ 10,625,000** | **$ 30,621,000** |

### Prior Year CIP

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | Total ('24 to '28) |
|---|---|---|---|---|---|---|
| GO Borrowing | 4,102,500 | 3,068,500 | 1,515,000 | 995,000 | 2,850,000 | 12,531,000 |
| Other | 9,255,500 | 1,942,500 | 1,471,000 | 5,391,000 | 2,330,000 | 20,390,000 |
| **Total** | **$ 13,358,000** | **$ 5,011,000** | **$ 2,986,000** | **$ 6,386,000** | **$ 5,180,000** | **$ 32,921,000** |

## Request vs. Prior Year CIP - % Change

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | Total ('24 to '28) |
|---|---|---|---|---|---|---|
| GO Borrowing | 116.7% | 13.7% | -13.2% | -78.9% | -34.7% | 25.8% |
| Other | -4.4% | -19.4% | 3.2% | -73.0% | -37.1% | -27.1% |
| **Total** | **32.8%** | **0.9%** | **-5.1%** | **-73.9%** | **-35.8%** | **-7.0%** |



## Major Changes

Agency-wide summary

- Overall, the Stormwater Utility's request from 2024 – 2028 is $2.3 million less than the 2023 Adopted CIP for the same timeframe.
- There is a $3.2 million (25.8%) increase in Non-GF GO borrowing, which reflects the addition of $5.2 million in TIF-supported borrowing in 2024 and reductions in out years of the CIP. In addition, there is a $5.5 million reduction in other funding sources, primarily reflecting grant awards that were anticipated in the 2023 CIP but not awarded.
- The final year of the CIP (2029) includes $6.0 million in Non-GF GO borrowing, which is higher than the average annual borrowing in 2024 – 2028, and $4.6 million in other sources, including impact fees, reserves applied, anticipated private contributions, and state sources.

Citywide Flood Mitigation

- Total program budget from 2024 – 2028 increased by $4.1 million (24.7%) compared to the 2023 adopted CIP. Major funding changes include increasing Non-GF GO borrowing by $5.6 million ($5.2 million in TIF-supported borrowing, $390,000 in Stormwater-supported borrowing). TIF supported projects include West Towne Ponds (moved from the "Stormwater Quality System Improvements" program and Regent St. culvert replacement, both located in TID 46.
- Additionally, the proposal adds $7.0 million in federal sources and removes $7.7 million in state sources to reflect potential grant awards.
- Other funding source adjustments include removing $600,000 in impact fees and reducing the use of reserved applied by $200,000 compared to the 2023 adopted CIP.
- The timing and location of specific projects within the program are described in the project schedule.

Lower Badger Mill Creek Pond at Mineral Point Rd

- New project. Request includes $1.8 million in Impact Fee funding.
- The 2023 adopted CIP included partial funding for this project within the "Citywide Flood Mitigation" program; the agency is proposing this as a standalone project due to its size.

Storm Sewer System Improvements

- Total program budget from 2024 – 2028 increased by $65,000 (5.9%) compared to the 2023 adopted CIP. Program is funded by stormwater reserves.

Stormwater Quality System Improvements

- Total program budget from 2024 – 2028 decreased by $6.6 million (-5.5%), including a $2.4 million reduction in Non-GF GO borrowing and a $4.3 million reduction in other sources. The reduction is primarily driven by shifting projects to other programs, not a reduction in planned services. The West Towne Ponds project was moved to "Citywide Flood Mitigation" program Warner Park Lagoon Dredging was added as a separate project.

Street Cleaning Equipment – Streets

- Total program budget from 2024 – 2028 increased by $110,000 (3.6%) compared to the 2023 adopted CIP. Program is funded by stormwater reserves.

Warner Lagoon Dredging

- New project. Request includes $3.5 million in Non-GF GO borrowing, $500,000 in private contributions, and $500,000 in state sources in 2029.
- The 2023 adopted CIP included partial funding for this project within the "Stormwater Quality Systems Improvement" program; the agency is proposing this as a standalone project due to its size.

TO: Dave Schmiedicke, Finance Director
FROM: James M. Wolfe, City Engineer
DATE: April 13, 2023
SUBJECT: Stormwater Utility Capital Budget Transmittal Memo

## Equity Considerations in the Budget

Racial Equity and Social Justice have been major components of the Stormwater Utility's work since we embarked on our citywide watershed studies. Even prior to the floods in 2018, enhanced outreach, engagement and education were identified in a RESJ analysis to help further the Citywide Flood Mitigation program. As we have worked on our studies we have used the equity tools and lenses to review our goals, methods and how we can better connect with those that are impacted by our work. These equity lenses expand to other projects in the Stormwater Utility budget including our Stormwater Quality Improvement program. We have also used the toolkit to help us further analyze project priorities to ensure that all voices are heard when making determinations on how to spend our limited funds. As our studies progress, we will continue to refine the tools we have created to help us prioritize projects in an equitable way.

## Summary of Changes from 2023 Capital Improvement Plan

**Prompt 1:** The Stormwater Utility budget is proposing staying within the targeted 5% budget increase for existing programs. There is a slight shift across the programs but the entire budget (with the exception to new projects added in 2029) remains below the 5% cap. Federal and State Funds are also included in the 2024 submittal, with approximately $10.9M for major projects. This is a decrease from the 2023 CIP since some of the grant applications were made but were not awarded and funding had to come from Stormwater borrowing. TIF funds were increased to $5.2M for 2 projects within TID 46 (West Towne Pond and Regent Street Culvert Replacement).

**Prompt 2:** There were 2 projects within the Citywide Flood Mitigation and Stormwater Quality Improvement programs that were made into separate projects and shifted to 2029. These are Warner Lagoon Dredging and Lower Badger Mill Creek Pond at Mineral Point Road. These projects were partially funded in the 2023 CIP however they are large enough to be considered their own separate projects.

**Prompt 3:** The Warner Lagoon Dredging and Lower Badger Mill Creek Pond at Mineral Point Road projects were partially funded in the 2023 CIP however they are large enough to be considered their own separate projects and additional funding will be added. Warner Lagoon Dredging is planned to have some grant funds but also anticipate private donations to help with the project costs. This project was moved to 2029. The Lower Badger Mill Creek Pond will be funded with Impact Fees and was moved to 2029 due to the timing of development that will occur in the area.

## Prioritized List of Capital Requests

**Prompt 1:** There are 2 projects in the SWU budget: Warner Lagoon Dredging (14717) and Lower Badger Mill Creek Pond at Mineral Point Road (14718).

- Priority 1: Lower Badger Mill Creek Pond at Mineral Point Road
- Priority 2: Warner Lagoon Dredging

The Lower Badger Mill Creek Pond project is identified in 2 watershed studies, and Impact Fee Needs Assessment and also within the Elderberry NDP. This area has long been flagged for regional pond to be implemented as the lands within the watershed develop. With development actively going on, this project was shifted a bit to align with the concurrent build out of the area. The watershed studies have identified the flood storage and lands within the Westwind Preliminary Plat have been identified for regional detention. The City will purchase lands from the developer(s) and will implement design and permitting of the facilities. Because this project was identified in the Lower Badger Mill Creek Impact Fee Needs Assessment this project is ranked first due to the funding mechanism by Impact fees.

**Prompt 2:** There are 4 programs within the Stormwater Utility budget shown below:

- **Citywide Flood Mitigation program**. This has been a top priority since the historic flooding in 2018 when major steps were taken to set up a solid system for a comprehensive review of the City's infrastructure, ordinances and policies. All of this is needed to find holistic solutions to flooding that are equitable, effective, and take into account the growing concerns of climate change. The planning of the system improvements to address flood mitigation are in the operating budget while the costs associated with implementation of flood mitigation improvements are in the capital budget. Projects are selected based on a RESJ tool developed for the watershed study project implementation based on flood assessments, cost and feasibility.
- **Stormwater Quality System Improvements program**. This program is directly related to the Citywide Flood Mitigation program as a means for construction of facilities such as greenways and ponds that help treat the water for pollutant removal as well as help with flood mitigation efforts. Our Green Infrastructure initiatives are housed under this program as well. In addition to the flood mitigation benefits that come from projects under the Stormwater Quality System Improvements, this program is instrumental in meeting our TMDL goals for total suspended solids and total phosphorus reductions, as mandated under the EPA Clean Water Act and in our MS4 Permit through WDNR. Projects are selected based on how they help remove TSS and TP and how they help decrease large scale maintenance in the future by treating water upstream.
- **Street Cleaning Equipment program**. This program funds the purchase of street sweepers for debris removal. This work is also related to our TMDL requirements and goals that are mandated under our MS4 Permit. Purchases are selected by the equipment replacement cycles.
- **Storm Sewer System Improvements program**. This program is used to fund smaller storm sewer projects that are not necessarily part of a street project, flood project or water quality project. This program also includes our preventative maintenance work such as storm sewer lining and projects that Engineering Operations crews are able to perform at a much cheaper cost than would be seen if we hired contractors to perform the work. Projects are selected based on the need for repairs that may fall outside the typical street improvement, flood mitigation or stormwater quality programs.

## Potential for Scaling Capital Requests

In the Stormwater Utility Budget, individual projects are difficult to downscale. Rather than downscale, delays are more appropriate. Some of the minor projects are dependent on the timing of the street or utility work or are needed to be in a certain order to phase multiple improvements over a series of years in order to complete the full scope of overarching project. For example, multiple phase greenway system and pond repairs need to be completed in a certain order to have them perform the way they are designed. Construction out of order may create a situation where the improvements could fail or make the problem worse for others downstream. Some of the projects in which major flood mitigation improvements are being coupled with street projects could potentially be downscaled, however it should be noted that there are opportunity costs associated with this, such as having a new street surface that would have to be destroyed before the end of its useful life in order to add flood mitigation improvements later. Delay of certain projects will undoubtedly put pressure on future budgets to provide funding to maintain the City's goals of flood mitigation and stormwater quality, as mandated by the EPA and WDNR.

**Prompt 3:** There are several projects identified in the Citywide Flood Mitigation program that are dependent on the timing of the street repair projects since they are tied to those projects in the Major Streets budget. Similarly there is funding in the Stormwater Quality budget that coincides with these street projects where those funds would be used for stormwater quality installations such as catchbasins, screen structures or raingardens/green infrastructure. Some other funding in the Stormwater Quality budget is tied to the Parks Division request since there is usually a cost sharing component with the 2 agencies for things such as shoreline repairs (Burr Jones, Hudson and James Madison Parks are examples of this) or public storm sewer within a park (Burrows Park, Bowman Park are 2 other examples).

# 2024 Capital Improvement Plan

**Program Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | Existing |
| Proposal Name | Citywide Flood Mitigation | Project Type | Program |
| Project Number | 11513 | | |
| 2024 Project Number | 14743 | | |

Previous Description

This program is for stormwater network improvements where flooding occurs during large rain events. The goal of the program is to mitigate or eliminate flooding and protect property from damage. Projects planned in 2023 include: construction of the Mendota Grassman Greenway, Lower Badger Mill Creek Pond, and the preliminary designs for West Towne Pond and Old Sauk Trails Business Park Pond and greenways. This program also supports design of pond improvements and flood mitigation installations that are scheduled with street reconstruction projects. The 2023 budget reflects the removal of the Eastwood Project from the schedule, which reduces GO Borrowing by $1.6 million and Stormwater Reserves by $200,000 via Finance Committee amendment #3. The adopted budget also adds $700,000 in GO Borrowing and $150,000 in stormwater reserves to fund work on the Robin Greenway via Finance Committee amendment #4.

New or Updated Description

This program is for stormwater network improvements where flooding occurs during large rain events. The goal of the program is to mitigate or eliminate flooding and protect property from damage. Projects planned in 2024 include: major projects for the Pheasant Branch Greenway Enhancement Project (FKA Old Sauk Trails Business Park Flood Mitigation), Schroeder Road Flood Mitigation, West Towne Pond, and other local flood mitigation projects. This program supports design of pond improvements and flood mitigation installations that are scheduled with street reconstruct projects.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Effective Government |
| Strategy | Ensure all neighborhoods are clean and safe through the provision of quality non-emergency services. |

Describe how this project/program advances the Citywide Element

The goal of this program is to reduce flooding on a local and regional scale. Improvements listed will protect property and will provide flood mitigation on roadways for use by cars, bicycles and pedestrians, while also improving street and roadway access for emergency vehicles during large rain events. Controlling floodwaters also has a positive impacts to the receiving waters as it reduces pollutant loading prior to discharge to the lakes, rivers and streams.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

These projects advance projects and goals identified as part of the City of Madison Watershed Studies. The Watershed Study Program was launched in 2019, evaluating existing stormwater infrastructure to increase flood storage capacity within the City, building resilience to accommodate increased storm intensities related to climate change. Watershed Studies specific for these projects include the Spring Harbor Watershed Study, the Lower Badger Mill Creek Pond Watershed Study, the Willow Creek Watershed Study, and the East Isthmus and Yahara Watershed Study.
In the Climate Forward agenda, this program advances Initiative Four "Investing in stormwater and green infrastructure solutions to improve water quality, reduce urban heat islands and reduce stormwater runoff to lakes" by funding improvements that reduce phosphorous and sediment runoff and increase flood storage. This program addresses several of the mitigation objectives in the Dane County Natural Hazard Mitigation Plan guiding regional preparedness for increased risks associated with climate change.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

The City conducted Racial Equity and Social Justice Analysis (Citywide Flood Mitigation Outreach and Prioritization, 2018 and Watershed and Flood Study – Public Outreach and Education Plan, 2019) which identified that often people who felt comfortable and knew how to contact city representatives, were able to better leverage their voices to demand attention to their specific flood concerns. Additionally, people with more social and economic flexibility had greater ability to remedy their own private property flooding or relocate versus those with other limitations. To address this inequity, staff developed an internal evaluation tool to compare flood risks, feasibility, and racial justice and social equity impacts across watershed study identified flood improvement projects. This overall evaluation has a specific strategy to evaluate inequities. This tool evaluates US Census demographic and income data, locations of public and affordable housing, and locations that might include gatherings of people who may need assistance evacuating during a flood.
Specifically, the Schroeder Road Flood Mitigation project has a fairly modest cost for a significant benefit in an area in the Park Edge/Park Ridge NRT, established to promote improvements to city services and address systemic barriers. The project would benefit many low income duplex and multifamily residential buildings in this area. This project is also located within the MPO's Environmental Justice Areas and within an area identified by the 2020 US Census Bureau as within the top 20% percentile of populations of color (71%) and families living below poverty (38%) of residents living in the City of Madison.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

None

## Climate Resilience and Sustainability

| | |
|---|---|
| Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? | Yes |

If yes, describe how

The projects in the Citywide Flood Mitigation Program specifically address climate change impacts by providing flood storage solutions related to predicted increased storm events. Citywide Flood Mitigation program uses data driven watershed studies to evaluate flood impacts related to these storm events and to prioritize flood improvements. Pond reconstruction funded in this category also reduce environmental impact of phosphorous and sediment downstream through water quality best management practices.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Borrowing - Stormwater | $ 2,610,000 | $ 2,240,000 | $ 510,000 | $ 60,000 | $ 1,210,000 | $ 860,000 |
| Reserves Applied ( Stormwater) | $ 400,000 | $ 500,000 | $ 500,000 | $ 200,000 | $ 500,000 | $ 500,000 |
| Federal Sources | $ 7,000,000 | | | | | |
| Borrowing - TIF | $ 5,200,000 | | | | | |
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| **Total** | **$ 15,210,000** | **$ 2,740,000** | **$ 1,010,000** | **$ 260,000** | **$ 1,710,000** | **$ 1,360,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Stormwater Network | $ 15,210,000 | $ 2,740,000 | $ 1,010,000 | $ 260,000 | $ 1,710,000 | $ 1,360,000 |
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| **Total** | **$ 15,210,000** | **$ 2,740,000** | **$ 1,010,000** | **$ 260,000** | **$ 1,710,000** | **$ 1,360,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

2024: Schroeder Rd Flood Mitigation anticipated grant funding in 2023; additional money was added in case grants are not available. Marty Farm was moved to Major Streets to coincide with the realignment of Raymond Road/High Point Rd. Richard/Silver Reconstruction was moved but it included flood mitigation funds, and West Towne Pond and Regent St culvert replacement at Kenosha Drive are now including TIF funding.
2025: Added Jetty culvert replacement as part of a street resurfacing project, added flood mitigation funds for Norman Way as part of a street reconstruction project.
2025 and 2029: Added Chapel Hill Greenway design and construction as a key recommendation from the Greentree/McKenna Watershed Study.
Projects were shifted to match staffing levels and design and permitting timeframes.

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| TID 46 - West Towne Pond, Regent St Culvert at Kenosha | $ 5,200,000 | | | | | |
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If TIF is a requested funding source, is this request included in an approved TIF project plan? No

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the table below for each year of requested funding. Detail the minor projects that will occur and provide location detail when necessary. If detailed project plans are not available, explain why and when this information will be available.**

| Year | Project Name | Cost | Location | Alder District |
|---|---|---|---|---|
| 2024 | Regional Flood Mitigation Pheasant Branch Greenway Enhancement | $ 7,500,000 | 8308 Excelsior Dr | 9 |
| 2024 | Regional Flood - Schroeder Rd | $ 1,000,000 | Schroeder Rd from S Gammon to Struck St | 19, 20 |
| 2024 | Regional Flood Mitigation - West Town Pond (construction) | $ 4,500,000 | 6715 Mineral Point Rd | 19 |
| 2024 | Local Flood Mitigation - Regent St at Kenosha | $ 1,200,000 | Intersection S Kenosha and Regent St | 11 |
| 2024 | Local Flood Mitigation Lake Mendota Dr | $ 600,000 | Lake Mendota Dr from Spring Harbor to Epworth Ct | 19 |
| 2024 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2024 | Unallocated Local Flood Mitigation | $ 50,000 | citywide | citywide |
| 2024 | Unallocated Regional Flood | $ 350,000 | citywide | citywide |
| 2025 | Local Flood Mitigation - Ozark/Jetty | $ 530,000 | Intersection Jetty Dr and Shenandoah Way | 19 |
| 2025 | Regional Flood Chapel Hill Gway design/permitting | $ 150,000 | 1006 Chapel Hill Road | 20 |
| 2025 | Regional Flood Mitigation Pheasant Branch Greenway Enhancement | $ 2,000,000 | 8308 Excelsior Dr | 9 |
| 2025 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2025 | Unallocated Local Flood Mitigation | $ 50,000 | citywide | citywide |
| 2026 | Local Flood - Norman Way | $ 1,000,000 | Norman Way from University Ave to Lake Mendota Dr | 19 |
| 2026 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2027 | Regional Flood Target Relief Storm permits/design | $ 250,000 | S High Point Rd from Mineral Point Rd to Greenway crossing | 9 |
| 2027 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2028 | Tree Lane relief storm sewer (in conjunction with Mineral Pt Rd) | $ 1,250,000 | S High Point Rd from Mineral Point Rd to Greenway crossing | 9 |
| 2028 | Local Flood Mitigation - Capital Ave | $ 400,000 | Capital Ave from University Ave to Lake Mendota Dr | 19 |
| 2028 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2028 | Unallocated Local Flood Mitigation | $ 50,000 | citywide | citywide |
| 2029 | Regional Flood Chapel Hill Gway construction | $ 800,000 | 1006 Chapel Hill Road | 20 |
| 2029 | Unallocated Backyard Drainage | $ 10,000 | citywide | citywide |
| 2029 | Unallocated Local Flood Mitigation | $ 50,000 | citywide | citywide |
| 2029 | Unallocated Regional Flood | $ 500,000 | citywide | citywide |
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# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | No |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | No |
| Vehicle setup or maintenance costs? | No |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | 0.00 |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| Operational costs for improvements to the storm sewer system should not increase dramatically or add the need for full time staff with this budget, however it should be noted that as the overall system expands with new development and new improvements (many of which are developer initiated), additional employees may be necessary to maintain the system. Most of the projects in the current CIP are replacement or expansion of existing facilities, which already have maintenance required. As the existing facilities are reconstructed a more comprehensive approach to management of the lands will be used for the ponds and greenways. This will include a restoration and maintenance plan that is developed as part of the design. The cost to maintain is higher in the few years after the project is constructed (approximately $13,000 per acre and after the initial 2-3 years it will decrease to approximately $2,200 per acre). The initial installation costs are included in the capital budget. The ongoing maintenance is in operating budget. Some of these maintenance costs will offset the cost for reactive maintenance like repairs, tree or noxious / invasive removals or mowing that are routinely done due to poor land management practices of the past. Some projects may not need or may have limited mowing in the future as prescribed burns and other management practices would take their place as a way to control invasive and noxious vegetation. Improvements to the storm sewer network will help reduce issues with maintenance and cleaning which will eventually lead to less staff or costly contractor repairs, which is normally seen in a system with aging and failing infrastructure. However, as stated above, there will be a tipping point where new development continues to grow, adding new amenities and will outpace the staffing and maintenance that currently exists.<br><br>Maintenance of the existing storm sewer pipes and existing flood control systems such as ponds and greenways are already covered under the existing operating budget. Upgrading existing storm sewer pipes should not add any significant operating costs. Maintenance of the existing ponds and greenways are already covered under the existing operating budget. If other smaller scale green infrastructure such as city maintained rain gardens, bioretention or high maintenance features are added those will eventually require additional staff or funds to maintain. Engineering is leveraging OFS and volunteers as much as practicable to help find lower cost maintenance solutions.<br><br>If/when constructed, it is planned that the West Towne Pond and Old Sauk Trails Business Park Ponds will have pumping systems associated with them. These systems will be developed to operate on the existing SCADA network and will have some electrical demands in flood situations however for the majority of the year it will not be necessary to run the pumps. There will be a need for maintenance and upkeep of proposed pumping systems, however those systems would likely not require replacement for 25-30 years. Large design contracts will require the City to hire consultants, however that cost is included in the capital budget estimate. | |

# 2024 Capital Improvement Plan

**Project Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | New |
| Proposal Name | Lower Badger Mill Creek Pond at Mineral Point Rd | Project Type | Project |
| Project Number | 14718 | | |

Previous Description

New request. No current description

New or Updated Description

The Lower Badger Mill Creek Regional pond is part of the Lower Badger Mill Creek Impact Fee District. Development in this vicinity will allow the City to purchase the property and construct the pond in conjunction with the development that is occurring. Funding of the improvements will be by impact fees.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Green and Resilient |
| Strategy | Improve lake and stream water quality |

Describe how this project/program advances the Citywide Element

This project advances the Citywide element by providing flood control and water quality improvements on a regional scale in an area that has known flooding. It is also a public connection to a larger green corridor that is identified in the Elderberry Neighborhood plan and the Westwind preliminary plat that will eventually connect ponds, greenways, parks and a trail system from Old Sauk Road to Mineral Point Rd.

The Lower Badger Mill Creek Watershed Study (2003) has long identified the need for a regional pond near the location of Mineral Point Rd and Pioneer Rd. The revised Lower Badger Mill Creek Watershed Study (2021) also identifies the need for a regional facility. Within the Elderberry neighborhood, the watershed master plan recommends a regional detention basin along the Lower Badger Mill Creek corridor north of Mineral Point Road. North of this facility, the report proposes a 100-foot wide drainage way going north almost to Elderberry Road. These facilities will be implemented through future development approvals and the Lower Badger Mill Creek Impact Fee District that was adopted in 2009.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

In addition to meeting goals of the Imagine Madison Plan, this project also is identified in the Needs Assessment for the Lower Badger Mill Creek Impact Fee District as well as the Lower Badger Mill Creek Watershed studies. The needs assessment states that "...the stormwater management system that are required to facilitate well-planned development within the Lower Badger Mill Creek watershed consistent with the Elderberry, Pioneer, and Mid-Town Neighborhood Development Plans." The Lower Badger Mill Creek Impact Fee District was created to help finance these improvements on a regional basis.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

This project was not specifically chosen based on racial equity and social justice initiatives. The location of the project is in new development and it is meant to further the city's needs for providing safe conveyance of stormwater as lands develop. The Impact Fee Needs Assessment discusses this aspect of the project and the funds for the project were collected by fees as new buildings were constructed. These fees help pay for the development that is necessary to support the expansion of the city. If the fees were not collected the cost of the project would have been borne by the SWU rate payers.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

## Climate Resilience and Sustainability

Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? Yes

If yes, describe how

This project specifically address climate change impacts by providing flood storage solutions related to predicted increased storm events. The SWU's watershed studies are used to evaluate flood impacts related to these storm events and to prioritize flood improvements. Pond reconstruction funded in project was identified in the Lower Badger Mill Creek Impact Fee Needs Assessment for the responsible growth of the city's infrastructure as development occurs. The pond(s) will reduce environmental impact of phosphorous and sediment downstream through water quality best management practices.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Impact Fees | | | | | | $ 1,800,000 |
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| **Total** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **$ 1,800,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Land | | | | | | $ 1,800,000 |
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| **Total** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **$ 1,800,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

This project was moved from Citywide Flood Mitigation program and a new project was created. The land acquisition was intended to occur sooner but has now been moved to 2029. The lands are currently being developed and planned but the portion where the pond would be located is still not programmed for build out. There may be a need to move this forward in the budget to coordinate with the build out of the plat(s). Construction of the pond will be funded with Impact fees but is tentatively scheduled for 2030 (approximately $3.5M).

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Lower Badger Mill Impact Fee District | | | | | | $ 1,800,000 |
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If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the schedule below for each year of requested funding. Please detail costs across the major project phases (planning, design, or construction/implementation).**

| Year | Phase/Description | Cost | Location | Alder District |
|---|---|---|---|---|
| 2029 | Land Acquisition | $ 1,800,000 | 10554 Mineral Point Rd (near Pioneer Rd and Mineral Point Rd) | 9 |
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# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | Yes |
| Vehicle setup or maintenance costs? | No |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | No |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| Operational costs for improvements to the storm sewer system should not increase dramatically or add the need for full time staff with this budget, however it should be noted that as the overall system expands with new development and new improvements (many of which are developer initiated), additional employees may be necessary to maintain the system. This project will include a restoration and maintenance plan that is developed as part of the design. The cost to maintain is higher in the few years after the project is constructed (approximately $13,000 per acre and after the initial 2-3 years it will decrease to approximately $2,200 per acre). The initial installation costs are included in the capital budget. The ongoing maintenance is in operating budget. Some of these maintenance costs will offset the cost for reactive maintenance like repairs, tree or noxious / invasive removals or mowing that are routinely done due to poor land management practices of the past. The maintenance plan may include limited mowing in the future as prescribed burns and other management practices would take their place as a way to control invasive and noxious vegetation. Improvements to the storm sewer network will help reduce issues with maintenance and cleaning which will eventually lead to less staff or costly contractor repairs, which is normally seen in a system with aging and failing infrastructure. However, as stated above, there will be a tipping point where new development continues to grow, adding new amenities and will outpace the staffing and maintenance that currently exists. Engineering is leveraging OFS and volunteers as much as practicable to help find lower cost maintenance solutions. | |
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# 2024 Capital Improvement Plan

**Program Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | Existing |
| Proposal Name | Storm Sewer System Improvements | Project Type | Program |
| Project Number | 11664 | | |
| 2024 Project Number | 14744 | | |

Previous Description

This program is for improvements to the storm sewer network. The goal of this program is to ensure a reliable storm sewer system for City residents. Projects planned in 2023 include cured in place piping (CIPP) and the annual waterway improvement projects, which consist of various low cost improvements to enhance the stormwater network that will be constructed by operations staff.

New or Updated Description

This program is for improvements to the storm sewer network. The goal of the program is to ensure a reliable storm sewer system for City residents. Projects planned in 2024 include Burrows Park storm sewer, which will be constructed in coordination with the Parks Division parking lot repaving, cured in place piping (CIPP) and the annual waterways improvement projects, which consists of various low cost improvements to enhance the stormwater networks that will be constructed by Engineering Operations staff.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Effective Government |
| Strategy | Ensure all neighborhoods are clean and safe through the provision of quality non-emergency services. |

Describe how this project/program advances the Citywide Element

The goal is to improve and replace components of aging and failing storm sewer system, or make small improvements to correct drainage issues that can be fixed outside of a major project. This can be done with a full replacement or with preventative maintenance such as pipe lining to prolong the life of the infrastructure. Projects in this program advance Imagine Madison Green and Resilient, Strategy 3, Action A. The storm sewer network is part of the connected management system required to keep phosphorous and other pollutants out of the lakes.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

This program sets money aside as projects and repairs arise to make repairs quickly if the project was not identified in the budget. This addresses several of the mitigation objectives in the Dane County Natural Hazard Mitigation Plan, which specifically address projected impacts of climate trends to build a more resilient community.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

Projects in this program include funding set aside for projects and repairs not previously identified in the budget. They contribute to ensuring a reliable storm sewer system for residents.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

## Climate Resilience and Sustainability

Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? Yes

If yes, describe how

This program includes low cost improvements to the storm sewer network to reduce shoreline erosion, improve stormwater quality, and flood storage capacity. These projects contribute to climate resiliency as well as reducing the environmental impact by improving water quality.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Reserves Applied ( Stormwater) | $ 445,000 | $ 180,000 | $ 180,000 | $ 180,000 | $ 190,000 | $ 210,000 |
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| **Total** | **$ 445,000** | **$ 180,000** | **$ 180,000** | **$ 180,000** | **$ 190,000** | **$ 210,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Stormwater Network | $ 445,000 | $ 180,000 | $ 180,000 | $ 180,000 | $ 190,000 | $ 210,000 |
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| **Total** | **$ 445,000** | **$ 180,000** | **$ 180,000** | **$ 180,000** | **$ 190,000** | **$ 210,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

Additional funds were added to the 2024 budget for cured in place pipe lining (CIPP) based on issues identified by Engineering Operations for failing stormsewer in the Sherman / Lake View Area; funding was decreased in 2025-2028 to help offset the extra projects added in 2024.

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
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If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the table below for each year of requested funding. Detail the minor projects that will occur and provide location detail when necessary. If detailed project plans are not available, explain why and when this information will be available.**

| Year | Project Name | Cost | Location | Alder District |
|---|---|---|---|---|
| 2024 | CIPP - (Lake View Heights Park CMPA Lining) | $ 225,000 | 1621 Sunfield St | 18 |
| 2024 | Citywide Stormwater Improvements | $ 150,000 | citywide | all districts |
| 2024 | Burrows Park Storm Sewer Improvements | $ 70,000 | 25 Burrows Rd, Madison, WI | 12 |
| 2025 | Pipe Lining (CIPP) Citywide | $ 10,000 | citywide | all districts |
| 2025 | Citywide Stormwater Improvements | $ 170,000 | citywide | all districts |
| 2026 | Pipe Lining (CIPP) Citywide | $ 10,000 | citywide | all districts |
| 2026 | Citywide Stormwater Improvements | $ 170,000 | citywide | all districts |
| 2027 | Pipe Lining (CIPP) Citywide | $ 10,000 | citywide | all districts |
| 2027 | Citywide Stormwater Improvements | $ 170,000 | citywide | all districts |
| 2028 | Pipe Lining (CIPP) Citywide | $ 10,000 | citywide | all districts |
| 2028 | Citywide Stormwater Improvements | $ 180,000 | citywide | all districts |
| 2029 | Pipe Lining (CIPP) Citywide | $ 10,000 | citywide | all districts |
| 2029 | Citywide Stormwater Improvements | $ 200,000 | citywide | all districts |
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# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | No |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | Yes |
| Vehicle setup or maintenance costs? | No |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | 0.00 |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| At this time there are no anticipated employee or staffing needs to maintain this program at the current funding level, however it should be noted that as the storm sewer system continues to grow needs for staff and non-staff costs will also continue to rise. However, doing small upgrades as part of the preventative maintenance portion of this program will be beneficial to keeping those needs at a minimum.<br><br>Improvements to the storm sewer network will help reduce issues with maintenance and cleaning, which will eventually lead to less staff time or cost for repairs which is normally seen in a system with aging and failing infrastructure. However, as stated above, there will be a tipping point where the city's facilities will continue to grow and will outpace the staffing and maintenance costs that we currently have. | |
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# 2024 Capital Improvement Plan

**Program Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | Existing |
| Proposal Name | Stormwater Quality System Improvements | Project Type | Program |
| Project Number | 11665 | | |
| 2024 Project Number | 14745 | | |

Previous Description

The goal of this program is to improve the quality of the stormwater entering our streams, rivers and lakes. Projects within the program are prioritized annually and include: greenway reconstructions, storm water pond improvements, shoreline restoration, and urban water quality projects. Smaller projects include rain gardens with street reconstruction and dredging. Many stormwater quality projects will be coupled with regional flood mitigation projects and grants will be sought to help leverage additional funding mechanisms. In addition, this program will help the City to comply with its Wisconsin Department of Natural Resources (WDNR)/Environmental Protection Agency (EPA) stormwater discharge permit.

New or Updated Description

The goal of this program is to improve the quality of the stormwater entering our streams, rivers and lakes. Projects within the program are prioritized annually and include: greenway reconstructions, stormwater pond improvements, shoreline restoration and urban water quality projects. Smaller projects include rain gardens with street reconstructions and dredging. Many stormwater quality projects will be coupled with regional flood mitigation projects and grants will be sought to help leverage additional funding mechanisms. In addition, this program will help the City to comply with its Wisconsin Department of Natural Resources (WDNR)/ Environmental Protection Agency (EPA) stormwater discharge permit. Projects in 2024 include funding for the Willow Creek Dredging and restoration in conjunction with the UW Madison and Dane County, reconstruction of the Yahara River shoreline at Burr Jones Park and numerous smaller stormwater quality improvements incorporated with street reconstruction projects or as smaller standalone projects.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Green and Resilient |
| Strategy | Improve lake and stream water quality |

Describe how this project/program advances the Citywide Element

This program directly correlates to the strategy of improved lake and stream water quality. The removal and reduction of Total Phosphorus (TP) and Total Suspended Solids (TSS) will have a direct impact on water quality and will help meet our goals mandated by the Rock River TMDL.
Projects in this program advance two actions identified in Imagine Madison Strategy 3, Green and Resilient.

Action A: The funding requested for dredging, pond reconstruction, and green infrastructure improvements directly reduces phosphorous and other pollutants in compliance with the City's WDNR/EPA stormwater discharge permit. These projects involve partners through Dane County/WDNR grant funding and the Roger Bannerman Rain Garden Initiative program to leverage implementation. Additionally, this program incentivizes rain gardens within the street terrace and on private property through primarily city-funded construction of terrace raingardens for interested homeowners.

Action C: Greenway reconstructions, and shoreline restoration projects identified in this program provide adaptive management strategies that reduce erosion preparing for more intense rain events.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

Within the Climate Forward agenda, this program addresses Initiative Four "Investing in stormwater and green infrastructure solutions to improve water quality, reduce urban heat islands and reduce stormwater runoff to lakes." This program advances these initiatives through funding stormwater treatment ponds, greenways, green infrastructure, dredging projects and other water quality best management practices that keep phosphorous and other pollutants from entering downstream waterbodies. Five year program includes funding for the Sauk Creek Greenway which will increase capacity for stormwater drainage and contribute to reducing erosion by stabilizing the banks in these greenways. This program also includes dredging projects - vital to meeting the WDNR MS4 permit requirements - and necessary to ensure that pond depth is maintained necessary to meet water quality requirements for sediment and phosphorus removal. This program addresses many of the mitigation objectives in the Dane County Natural Hazards Mitigation Plan.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

Projects funded by this program address water quality requirements associated with the City's WDNR/EPA permit. Several of these projects have both water quality and flood storage benefits and have been reviewed for racial equity and social justice impacts as part of the internal watershed study project evaluation mentioned in the Citywide Flood Mitigation Program.
Based on the 2020 ACS data, the Willow Creek dredging project is located adjacent to an area within the top 20% percentile of populations of color (69%) and families living below poverty (22%) of residents living in the City of Madison.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

## Climate Resilience and Sustainability

| | |
|---|---|
| Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? | Yes |

If yes, describe how

The projects programed in the Stormwater Quality System Improvements program both reduce environmental impacts and improve the city's climate resilience. The Willow Creek dredging/reconstruction projects identified for 2024 associated with the City's WDNR/EPA permit improve both improve water quality and increase flood storage during storm events. Shoreline projects in this program for 2024 (Burr Jones Park) reduce shoreline erosion and are reconstructed to better accommodate fluctuating water levels related to extreme climate events. Additionally the 2024 programmed stormwater quality and green infrastructure projects (Olbrich Parking Lot, forebay construction related to ponds, street stormwater quality improvements and screen structures used to remove floatables and sediment) treat stormwater runoff to improve stormwater quality and subsequent downstream waterways.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Borrowing - Stormwater | $ 1,080,000 | $ 1,250,000 | $ 805,000 | $ 150,000 | $ 650,000 | $ 1,685,000 |
| Reserves Applied ( Stormwater) | $ 250,000 | $ 290,000 | $ 200,000 | $ 250,000 | $ 250,000 | $ 290,000 |
| State Sources | $ 100,000 | | | | | |
| County Sources | $ 100,000 | | | | | |
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| **Total** | **$ 1,530,000** | **$ 1,540,000** | **$ 1,005,000** | **$ 400,000** | **$ 900,000** | **$ 1,975,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Stormwater Network | $ 1,530,000 | $ 1,540,000 | $ 1,005,000 | $ 400,000 | $ 900,000 | $ 1,975,000 |
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| **Total** | **$ 1,530,000** | **$ 1,540,000** | **$ 1,005,000** | **$ 400,000** | **$ 900,000** | **$ 1,975,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

2024: West Towne Ponds was moved to Citywide Flood Mitigation Program and is now funded with TIF, Added more funds for the Rain Garden and Distributed Green Infrastructure based on a matching grant received by WDNR, added more funds for upstream treatment devices for screen structures and pond forebay construction to help lessen the costs for large scale dredge projects.
2025: Increased street stormwater quality costs to coincide with water quality devices being installed with street reconstruction or resurfacing projects.
2026: Removed unallocated pond to fund other projects in the various years of the CIP.
2027: Moved Warner Park Dredging to a separate project and increased funding to that project.
2028: Shifted Hudson Park shoreline out to match the Parks CIP submittal, added design and permitting for Sycamore Pond that will be constructed in 2029.

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
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If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the table below for each year of requested funding. Detail the minor projects that will occur and provide location detail when necessary. If detailed project plans are not available, explain why and when this information will be available.**

| Year | Project Name | Cost | Location | Alder District |
|---|---|---|---|---|
| 2024 | Willow Creek dredging w/ Dane Co and UW 2023-2025 | $ 335,000 | Willow Creek from Campus Dr to Lake Mendota | 5 |
| 2024 | Forebay construction - Dorchester/Manchester | $ 350,000 | 3147 Dorchester Way | 7 |
| 2024 | Olbrich parking lot SWQ improvements | $ 75,000 | 3547 Atwood Ave | 15 |
| 2024 | Shoreline - Burr Jones Park (construction) | $ 240,000 | 1820 E Washington Ave | 12 |
| 2024 | Screen Structures (Yahara River, Dorchester, Strickers) | $ 175,000 | citywide | 6, 7, 19 |
| 2024 | Street SWQ | $ 125,000 | citywide | citywide |
| 2024 | RG and GI pilot area (grant) | $ 100,000 | citywide | 6 |
| 2024 | Unallocated RG and DGI Pilot | $ 130,000 | TBD | citywide |
| 2025 | Willow Creek dredging w/ Dane Co and UW 2023-2025 | $ 335,000 | Willow Creek from Campus Dr to Lake Mendota | 5 |
| 2025 | Bowman Park Parking Lot SWQ improvements | $ 80,000 | 1775 Fish Hatchery Rd | 14 |
| 2025 | Greenway - Sauk Creek Ph 5 | $ 700,000 | Haen Park to Walnut Grove Park | 9 |
| 2025 | Street SWQ | $ 300,000 | citywide | citywide |
| 2025 | Unallocated RG and DGI Pilot | $ 50,000 | citywide | citywide |
| 2025 | Unallocated Pond | $ 75,000 | citywide | citywide |
| 2026 | Greenway - Sauk Creek Ph 6 | $ 800,000 | 7713 Old Sauk Rd | 9 |
| 2026 | Street SWQ | $ 155,000 | citywide | citywide |
| 2026 | Unallocated RG and DGI GRANT | $ 50,000 | citywide | citywide |
| 2027 | Street SWQ | $ 280,000 | citywide | citywide |
| 2027 | Dredge - Garner Park (design/permits) | $ 70,000 | 5351 South Hill Dr | 11 |
| 2027 | Unallocated RG and GI GRANT | $ 50,000 | citywide | citywide |
| 2028 | Street SWQ | $ 50,000 | citywide | citywide |
| 2028 | Pond - Sycamore Dry Pond (design/permits) | $ 100,000 | 4801 Sycamore Ave | 17 |
| 2028 | Shoreline - James Madison Park (design/permits) | $ 750,000 | 728 E Gorham St | 2, 6 |
| 2029 | Street SWQ | $ 75,000 | citywide | citywide |
| 2029 | Pond - Sycamore Dry Pond (construction) | $ 550,000 | 4801 Sycamore Ave | 17 |
| 2029 | Dredge - Garner Park (construction) | $ 850,000 | 5351 South Hill Dr | 11 |
| 2029 | Drying Beds at MMSD | $ 500,000 | 1751 Moorland Rd | 14 |

# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | No |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | Yes |
| Vehicle setup or maintenance costs? | No |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | 0.00 |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| No additional design staff will be required to implement the capital budget.<br>Operational costs for improvements to the storm sewer system should not increase dramatically or add the need for full time staff with this budget, however it should be noted that as the overall system expands with new development and new improvements (many of which are developer initiated), additional employees may be necessary to maintain the system. Most of the projects in the current CIP are replacement or expansion of existing facilities, which already have maintenance required. As the existing facilities are reconstructed a more comprehensive approach to management of the lands will be used for the ponds and greenways. This will include a restoration and maintenance plan that is developed as part of the design. The cost to maintain is higher in the few years after the project is constructed (approximately $13,000 per acre and after the initial 2-3 years it will decrease to approximately $2,200 per acre). The initial installation costs are included in the capital budget. The ongoing maintenance is in operating budget. Some of these maintenance costs will offset the cost for reactive maintenance like repairs, tree or noxious / invasive removals or mowing that are routinely done due to poor land management practices of the past. Some projects may not need or may have limited mowing in the future as prescribed burns and other management practices would take their place as a way to control invasive and noxious vegetation. Improvements to the storm sewer network will help reduce issues with maintenance and cleaning which will eventually lead to less staff or costly contractor repairs, which is normally seen in a system with aging and failing infrastructure. However, as stated above, there will be a tipping point where new<br>development continues to grow, adding new amenities and will outpace the staffing and maintenance that currently exists.<br><br>Maintenance of the existing ponds and greenways are already covered under the existing operating budget. If other smaller scale green infrastructure such as city maintained rain gardens, bioretention or high maintenance features are added those will eventually require additional staff or funds to maintain. Engineering is leveraging OFS and volunteers as much as practicable to help find lower cost maintenance solutions. | |
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# 2024 Capital Improvement Plan

**Program Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | Existing |
| Proposal Name | Street Cleaning Equipment - Streets | Project Type | Program |
| Project Number | 10554 | | |
| 2024 Project Number | 14746 | | |

Previous Description

This program is for replacing existing street sweeping machines operated by the Streets Division. The City's street sweeping equipment life cycle is five years with interim maintenance. The goal of this program is to reduce the discharge of pollutants and suspended solids to the lakes by removing material from the streets surface before it is mixed with storm water runoff. Funding in 2023 will be used to replace one vacuum sweeper andthree toolcat dustbins. Funding in 2024-2026 include replacement of two mechanical sweepers per year. Funding in 2027 includes replacement of one vacuum sweeper and one mechanical sweeper. Funding in 2028 includes replacement of one vacuum sweeper.

New or Updated Description

This program is for replacing existing street sweeping machines operated by the Streets Division. The City's street sweeping equipment life cycle is five years with interim maintenance. The goal of this program is to reduce the discharge of pollutants and suspended solids to the lakes by removing material from the streets surface before it is mixed with the stormwater runoff. Funding in 2024-2026 will be used to replace 2 mechanical sweepers per year; in 2027, 1 vacuum Sweeper and 1 mechanical sweeper will be replaced; in 2028, 1 vacuum sweeper will be replaced; and in 2029, 2 mechanical sweepers will be replaced.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Green and Resilient |
| Strategy | Improve lake and stream water quality |

Describe how this project/program advances the Citywide Element

The City attempts to sweep all areas in the City on a 24-day cycle and downtown areas that drain directly to the lakes or rivers on weekly schedules during the spring, summer and fall months. Additionally, street sweepers are deployed immediately (within a 24 hour period) after leaf collection. Sweeping reduces the Total Suspended Solids (TSS) and Total Phosphorus (TP) that enters the storm sewer system and making it's way to the lakes and other water bodies.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

Within the Climate Forward agenda, this program addresses Initiative Four "Investing in stormwater and green infrastructure solutions to improve water quality, reduce urban heat islands and reduce stormwater runoff to lakes." This program also advances Imagine Madison Green and Resilient, Strategy 3, Action A. The storm sewer network is part of the connected stormwater management system is required to meet permit requirements for water quality to "keep phosphorous and other pollutants out of the lakes."

Street sweeping has an immediate and direct impact on reduction of pollutant loading to our impaired waters and helps remove TSS and TP from our ponds, rivers and lakes. The reduction of phosphorous and other pollutants is also in compliance with the City's WDNR/EPA stormwater discharge permit and helps offset our contribution to YAHARA WINS.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? Yes

Describe how routine maintenance and/or scheduled repair considers equity and quality of life for residents. Describe how you use an equity lens to prioritize maintenance and/or repair projects.

This is a citywide program that does not specifically address inequities.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

## Climate Resilience and Sustainability

Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? Yes

If yes, describe how

Addressing pollutant loading prior to it reaching the receiving waters, is a more efficient means of treating runoff that is laden with TSS and TP. Dredging receiving waters is extremely expensive and by pretreating the Stormwater Utility reduces expenditures.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Reserves Applied ( Stormwater) | $ 557,000 | $ 596,000 | $ 638,000 | $ 824,000 | $ 526,000 | $ 780,000 |
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| **Total** | **$ 557,000** | **$ 596,000** | **$ 638,000** | **$ 824,000** | **$ 526,000** | **$ 780,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Machinery and Equipment | $ 557,000 | $ 596,000 | $ 638,000 | $ 824,000 | $ 526,000 | $ 780,000 |
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| **Total** | **$ 557,000** | **$ 596,000** | **$ 638,000** | **$ 824,000** | **$ 526,000** | **$ 780,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

Added 2 mechanical sweepers in 2029, per the replacement cycle. Costs were updated based on 2023 quotes and adding on 7% per year.

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
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If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the table below for each year of requested funding. Detail the minor projects that will occur and provide location detail when necessary. If detailed project plans are not available, explain why and when this information will be available.**

| Year | Project Name | Cost | Location | Alder District |
|---|---|---|---|---|
| 2024 | Street Sweeping Equipment | $ 557,000 | citywide | all districts |
| 2025 | Street Sweeping Equipment | $ 596,000 | citywide | all districts |
| 2026 | Street Sweeping Equipment | $ 638,000 | citywide | all districts |
| 2027 | Street Sweeping Equipment | $ 824,000 | citywide | all districts |
| 2028 | Street Sweeping Equipment | $ 526,000 | citywide | all districts |
| 2029 | Street Sweeping Equipment | $ 780,000 | citywide | all districts |
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# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | No |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | Yes |
| Vehicle setup or maintenance costs? | Yes |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | 0.00 |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| No additional staffing will be required to continue this program as this is just a replacement of existing equipment. Last year the Stormwater Utility cost was $2,499,382.84 for the sweeping service. This breaks down into $1,712,466.74 for salary and fringe and $786,916.10 for other costs. No additional non-personnel costs are anticipated. These costs are absorbed in the existing operating budget. | |
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# 2024 Capital Improvement Plan

**Project Budget Proposal**

## Identifying Information

| | | | |
|---|---|---|---|
| Agency | Stormwater Utility | New or Existing Project | New |
| Proposal Name | Warner Lagoon Dredging | Project Type | Project |
| Project Number | 14717 | | |

Previous Description

New request. No current description

New or Updated Description

This project is to dredge Warner Park Lagoon, as part of the key recommendations form the Warner Lagoon Water Quality Planning Report, which will meet the primary goals of the Lagoon plan (maintain or improve recreational opportunities, improve water quality, improve and maintain habitat and increase educational opportunities). Warner Lagoon is a degraded and hypereutrophic waterbody at the lowermost portion of a 1024 acre watershed. The waters within the Lagoon will continue to deteriorate if not addressed, however, if appropriate measures are taken, water quality, water clarity, and pan fish habitat can be significantly improved.

## Alignment with Strategic Plans and Citywide Priorities

| | |
|---|---|
| Citywide Element | Green and Resilient |
| Strategy | Improve lake and stream water quality |

Describe how this project/program advances the Citywide Element

The lagoon is a 28-acre, man-made waterbody that is hydraulically connected to Lake Mendota. The lagoon serves several functions for the community, including: wildlife habitat, pan fishery, paddle sport resource, passive recreation, and stormwater treatment. Hydraulically, the lagoon functions as a large stormwater pond and anecdotal reports of deteriorating water quality have been raised throughout the life of the lagoon. High phosphorus concentrations, measured in recent years, have resulted in highly eutrophic or hypereutrophic conditions in the lagoon. Cyanobacteria blooms are common in hot summer months, resulting in impacts to lagoon enjoyment and use.

Does this project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Climate Forward, Housing Forward, Metro Forward, Vision Zero)? Yes

If yes, specify which plan(s) the project/program would advance and describe how the project/program will help the City meet its strategic goals.

The Warner Lagoon Dredge project was one of the key recommendations identified in the Warner Lagoon Water Quality Planning Report to address water quality recreation as well as access to community amenities within a historically disadvantaged neighborhood. Addressing water quality in the lagoon itself, provides benefits to the water to Lake Mendota as it is a direct discharge point to the lake. Water quality improvement also helps the compliance with the City's annual WDNR MS4 stormwater permit.

## Racial Equity and Social Justice

We are continuing our efforts to articulate and prioritize racial equity and social justice in the City's budget and operations. Please respond to the following questions and incorporate these responses into your budget narrative to ensure racial equity is included in decision-making.

Is the proposed project/program primarily focused on maintenance or repair? No

For projects/programs that are not specifically focused on maintenance and repair 1) what specific inequities does this program intend to address? How and for whom? 2) What data helped shape your proposal? Data may include qualitative and quantitative data such as demographic, qualified census tracts, environmental justice areas, specific recommendations from a Racial Equity and Social Justice Analysis, or other sources.

The Warner Lagoon and Warner Park serves a large area on the north side, serving a 2-mile radius as a community park according to the 2018-2023 Park and Open Space Plan. This 2-mile radius includes the Brentwood/Northport Corridor Neighborhood Resource Team, as well as several areas Tier 1 and Tier 2 MPO Environmental Justice areas. Additionally, this 2-mile radius includes block groups identified by the 2020 US Census Bureau within the 80% percentile of populations of color and families living below poverty.
Improving water quality within this lagoon addresses disparities in access to quality, safe water-based recreational facilities. This project also address disproportionate health impacts to those who rely on fishing within the lagoon for meals. This is addressed within the 2018-2023 Park and Open Space Plan as a "strategy to improve public access to lakes by connecting the community to water by designing areas for increased water access on public lands, including access for low income populations, providing opportunities for water recreation, and supporting efforts to improve water quality in Madison's lakes and waterways."

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)? No

If yes, please identify the specific NRT and recommendation. Be as specific as possible.

## Climate Resilience and Sustainability

Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations? Yes

If yes, describe how

This project will improve water quality, improving habitat and biodiversity of plant and animal species within this area. Development of the north side has increased sediment loading within the lagoon, decreasing the habitat and leading to hypereutrophic conditions that make the water body limited for both recreational and natural habitat. This project will improve those conditions, as identified in the Warner Lagoon Water Quality Plan. The plan identifies this project as a strategy to improve the fish biodiversity – improving both the biodiversity of the lagoon fish species, as well as contributing to species who rely on these fish species for survival. This mirrors recommendations in the Northport-Warner Park-Sherman Neighborhood Plan report as Theme 5: Enhance Recreation and Sustainability of Green Spaces was to improve water quality and recreational opportunities of Warner Park Lagoon and Warner Park Beach, and preserve and enhance natural habitat for birds and other wildlife.

# Budget Information

**Requested Budget by Funding Source**

| Funding Source | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Borrowing - Stormwater | | | | | | $ 3,500,000 |
| State Sources | | | | | | $ 500,000 |
| Private Contribution/Donation | | | | | | $ 500,000 |
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| **Total** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **$ 4,500,000** |

**Requested Budget by Expense Type**

| Expense Type | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
| Stormwater Network | | | | | | $ 4,500,000 |
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| **Total** | **$ -** | **$ -** | **$ -** | **$ -** | **$ -** | **$ 4,500,000** |

Explain any changes from the 2023 CIP in the proposed funding for this project/program

This project was originally under the Stormwater Quality program but did not have sufficient funding. Grant funding was reduced down and the project was moved to its own standalone project. Since 2023 stakeholders had noted they will be forming a fundraising group to help fund this project, which is noted in the funding source section.

If TIF or Impact Fee are a requested funding source, which district(s)

| District/Detail | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 |
|---|---|---|---|---|---|---|
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If TIF is a requested funding source, is this request included in an approved TIF project plan?

If the proposal includes building/ facility expenses, has the proposal been reviewed by City Engineering Facilities?

If no, explain how you developed the facilities cost estimate for the budget request.

## Project Schedule and Location

**Complete the schedule below for each year of requested funding. Please detail costs across the major project phases (planning, design, or construction/implementation).**

| Year | Phase/Description | Cost | Location | Alder District |
|---|---|---|---|---|
| 2029 | Design/Permitting/Construction | $ 4,500,000 | 2930 N Sherman Ave | 18 |
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# Operating Costs

**Over the next six years, will the project/program require any of the following IT resources?**

| | |
|---|---|
| Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? | No |
| Software (either local or in the cloud)? | No |
| A new website or changes to an existing website? | No |

**For projects/programs requesting new software/hardware:**

| | |
|---|---|
| Have you submitted an IT project request form?<br>IT Project Request Form | No |

**Changes to existing hardware/software:**

| | |
|---|---|
| Will any existing software or processes need to be modified to support this project/program or initiative?<br>If yes, submit an IT Project Request Form | No |

**Surveillance Technology:**

| | |
|---|---|
| Do you believe any of the hardware or software to be considered surveillance technology?<br>Surveillance technology is defined in MGO Sec. 23.63(2).<br>If yes, please reach out to Sarah Edgerton prior to submitting your budget request. | No |

**In addition to IT costs, projects/programs may have other operational impacts. Over the next six years, will the project/program require any of the following:**

| | |
|---|---|
| Facilities/land maintenance? | Yes |
| Vehicle setup or maintenance costs? | No |
| External management or consulting contracts? | No |
| How many additional FTE positions required for ongoing operations of this project/program? | 0.00 |

**Estimate the project/program annual operating costs**

| Description - please detail operating costs by major where available | Annual Costs |
|---|---|
| Operating costs for improvements should not increase or add any staffing. The facility already exists and the project will be to bring the facility back in line to where it was when originally designed. Putting in forebays to ease the need for large scale dredging in the future may reduce costs as it would be easier to maintain and remove sediment more often than to come in with a major project to rebuild the lagoon. | |
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