

Water Utility

Capital Improvement Plan

| | 2022 Adopted | 2023 Request | Change |
|--------------------------------|--------------|--------------|-----------|
| 2023 Capital Budget | 13,769,700 | 15,876,000 | 2,106,300 |
| 2023 Capital Improvement Plan* | 52,955,700 | 62,655,000 | 9,699,300 |

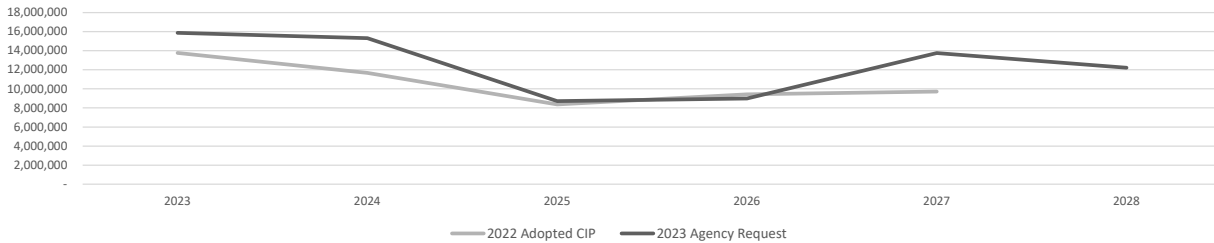
*Years 2023 to 2027 used for comparison.

| | 2022 | 2023 |
|--------------------|------|------|
| Number of Projects | 23 | 29 |

Project Summary: Agency Request

| | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|-------------------|-------------------|------------------|------------------|-------------------|-------------------|
| Atwood Avenue | 390,000 | - | - | - | - | - |
| Booster Pump Station #213 Lakeview Reconstruction | - | - | - | 188,000 | 1,161,000 | 877,000 |
| Booster Pump Station 128 Upgrade | - | - | - | - | - | 92,500 |
| Chlorinators & Florinators Program | 95,000 | 95,000 | 95,000 | 95,000 | 35,000 | 35,000 |
| High Point/Raymond/MidTown | 25,000 | - | - | - | - | 303,000 |
| Olin Building Improvements | 500,000 | - | - | - | - | - |
| Outer Capitol Loop Southeast | - | 193,000 | - | - | - | - |
| PFAS Investigation | 433,000 | 5,085,000 | - | - | - | - |
| Park Street, South (Olin to RR) | 21,000 | - | 437,000 | - | - | - |
| Pleasant View Road - Phase 1 | 120,000 | - | - | - | - | - |
| Unit Well 12 Conversion to a Two Zone Well | - | - | - | 263,000 | 3,754,000 | 41,000 |
| Unit Well 14 - Sodium and Chloride Mitigation | 150,000 | 1,500,000 | - | - | - | - |
| Unit Well 8 - Reconstruction | - | - | - | - | - | 88,000 |
| Unit Well Rehab Program | 360,000 | 371,000 | 382,000 | 393,000 | 405,000 | 417,000 |
| Water Hydrants Program | 400,000 | 412,000 | 424,000 | 437,000 | 450,000 | 464,000 |
| Water Mains - New | 20,000 | 768,000 | 108,000 | 228,000 | 454,000 | 454,000 |
| Water Mains Replace Rehab Improve - Pavement Management | 1,576,000 | 467,000 | 1,485,000 | 681,000 | 1,370,000 | 1,133,000 |
| Water Mains Replace Rehab Improve - Pipe Lining | 524,000 | 1,065,000 | 1,172,000 | 1,459,000 | 1,458,000 | 1,054,000 |
| Water Mains Replace Rehab Improve - Reconstruct Streets | 124,000 | 1,995,000 | 1,564,000 | 2,531,000 | 1,739,000 | 2,077,000 |
| Water Meter and Fixed Network Program | 526,000 | 539,000 | 552,000 | 566,000 | 580,000 | 595,000 |
| Water Utility Facility Improvements | 1,513,000 | 1,857,000 | 1,638,000 | 1,405,000 | 1,447,000 | 1,490,000 |
| Water Utility Vehicles & Equipment | 754,000 | 701,000 | 813,000 | 690,000 | 702,000 | 681,000 |
| Water Valve Cut-In Program | 40,000 | 42,000 | 44,000 | 46,000 | 47,000 | 48,000 |
| Well 19 Iron and Manganese Filter | 8,116,000 | 81,000 | - | - | - | - |
| Well 27 Iron & Manganese Mitigation | 63,000 | - | - | - | - | - |
| Well 28 Iron & Manganese Mitigation | 63,000 | - | - | - | - | - |
| Well 30 Iron & Manganese Mitigation | 63,000 | - | - | - | - | - |
| Westside Water Supply | - | - | - | - | 153,000 | 2,370,000 |
| Wilson St (MLK to King) | - | 157,000 | - | - | - | - |
| Total | 15,876,000 | 15,328,000 | 8,714,000 | 8,982,000 | 13,755,000 | 12,219,500 |

2023 Capital Improvement Plan
2022 Adopted vs. 2023 Agency Request



Major Changes/Decision Points

Atwood Avenue

- Project budget decreased by \$1.5m due to reduced pipe replacement scope

Booster Pump Station #128 Upgrade

- \$93k revenue bond-supported project added to the CIP in 2028 to increase pump station capacity at the Blackhawk Booster Pumping station on the west side

Booster Pump Station #213 Lakeview Reconstruction

- Project delayed from 2024-2025 to 2026-2027, and \$877k in construction funding added in 2028; project was delayed to allow for needed work on Unit Wells #15 and #19

Chlorinators & Florinators

- Program budget increased \$217k from 2023 through 2027 due to need for replacement of all chlorine analyzers over a four-year period

High Point/Raymond/MidTown

- Project added in 2023 and 2028 to align with the Engineering - Major Streets proposed road construction project

Olin Building Improvements

- \$500k revenue bond-supported project added in 2023 to expand the parking lot at 110 East Olin Avenue; project will occur in conjunction with development of the Streets Olin drop-off site

Outer Capitol Loop Southeast

- Project delayed from 2023 to 2024 and budget increased \$166k to coordinate with the Judge Doyle Square Development

PFAS Investigation

- \$5.5m project anticipated to be funded by Safe Drinking Water loans added to the CIP in 2023 and 2024

Pleasant View Road - Phase 1

- Project budget decreased \$685k to reflect reduced pipe work needs identified during design phase

Unit Well 8 Reconstruction

- Project delayed to 2028 to accommodate work on Unit Wells 14, 15, and 19

Unit Well 12 Conversion

- Project delayed from 2023-2025 to 2026-2028 to accommodate work on Unit Wells 14, 15, and 19

Unit Well 14 - Sodium and Chloride Mitigation

- \$1.7m project funded by revenue bonds added to the CIP in 2023 and 2024

Unit Well Rehab Program

- Program budget increased \$458k from 2023 to 2027 to reflect supply issues and inflation

Water Hydrants Program

- Program budget increased \$364k from 2023 to 2027 to reflect to reflect supply issues and inflation

Water Mains Replace Rehab Improvements - Pipe Lining

- Program budget decreased \$346k in revenue bonds from 2023 to 2027 to reflect adjustments to the anticipated scope of the Lake Mendota Drive cured-in-place-pipe project

Water Mains Replace Rehab Improvements - Reconstruct Streets

- Program budget decreased \$655k in revenue bonds from 2023 to 2027 to reflect that no full replacements are included in the Engineering - Major Streets scope for 2023

Water Mains Replace Rehab Improvements - Pavement Management

- Program budget increased \$1.3m in revenue bonds from 2023 to 2027 to reflect addition of a phase of the Hammersly Road pavement management project in 2023, as well as additional work required on the Wilson/Broom/Henry and Segoe/Sheboygan projects

Water Utility Vehicles and Equipment

- Program budget increased \$1.7m from 2023 to 2027 to reflect increased vehicle cost as well as the acquisition of a dump truck, back hoe, and additional costs for electric vehicle charging stations

Water Valve Cut-in Program

- Program budget increased \$124k from 2023 to 2027 to reflect supply chain issues and inflation

Water Utility Facility Improvements

- Program budget increased \$3.3m, funded by reserves, from 2023 to 2027 to reflect to reflect supply chain issues and inflation, as well as replacement of soon-to-be outdated network switches for cybersecurity and increase of budget for unexpected well and booster station mechanical failures in accordance with recent trends

Well 19 Iron and Manganese Filter

- Project budget increased \$1.4m to reflect supply issues and inflation

Well 27 Iron and Manganese Mitigation

- \$63k revenue bond-supported project added to the CIP In 2023 to determine contaminant levels and options for mitigation

Well 28 Iron and Manganese Mitigation

- \$63k revenue bond-supported project added to the CIP In 2023 to determine contaminant levels and options for mitigation

Well 30 Iron and Manganese Mitigation

- \$63k revenue bond-supported project added to the CIP In 2023 to determine contaminant levels and options for mitigation

Westside Water Supply

- \$2.5m revenue bond-supported project added to the CIP In 2027 and 2028 to identify options for addressing the anticipated water supply shortage on the west side of Madison; planning and investigation will begin in 2027 with plans to complete this project by 2032



TO: Dave Schmiedicke, Finance Director, City of Madison

FROM: Krishna Kumar, General Manager, Madison Water Utility

DATE: April 22, 2022

SUBJECT: Madison Water Utility 2023 Capital Budget Request

Goals of Agency’s Capital Budget

The primary goal of our 2023 capital budget is to replace failing infrastructure so as to continue to meet levels of service for water quality and reliability established by the Water Utility Board, while maintaining water rate affordability and management of our long term debt.

These goals align with efficient government and green and resilient plan elements from the City’s Comprehensive Plan adopted in 2018.

The 2023 CIP consists of the following projects:

| | |
|-------------------------|---------|
| Pipeline Projects | \$ 2.8M |
| Facility Projects | \$10.9M |
| Vehicles/Other Projects | \$ 2.2M |
| Total | \$15.9M |

The Utility intends to fund these projects as stated below:

| | |
|-------------------|---------|
| Construction Fund | \$ 8.3M |
| SDWL | \$ 4.0M |
| Reserves | \$ 3.6M |
| Total | \$15.9M |

The majority of the proposed Water Utility Capital projects and programs implement improvements, repairs and/or replacements of water supply and distribution system infrastructure with community service impacts that extend well beyond the physical location of any given project. With that in mind, the Utility remains cognizant of the need to balance our infrastructure investments throughout all segments of our community without placing undue burdens within Environmental Justice Areas or areas with a higher percentage of both people of color and/or people living below the poverty line. In most cases the community costs associated with the Utility’s proposed Capital projects are distributed equally among the entire Utility customer base. However, for those projects which could potentially include assessable improvements, direct-customer costs or connection fees, the Utility thoroughly evaluates the proposed direct costs to the community, including the proposed project locations in relation to

Madison’s Environmental Justice Areas, to fairly and equitably balance these costs throughout the community.

Project Prioritization

Using the techniques of asset management, we are placing emphasis on our most critical infrastructure assets and prioritizing work based on business case evaluations. Madison Water Utility’s infrastructure renewal and replacement programs stem from a data-driven Asset Management program and a comprehensive Utility Master Plan. These programs define and assess core risk metrics for all existing infrastructure in the system, as well as identify and evaluate the projected needs of Madison’s water system. These programs allow the Utility to objectively identify and evaluate critical water infrastructure needs for the present and the future. The Utility further prioritizes these infrastructure investments using a triple bottom line framework based on the economic, environmental and social impacts of the proposed projects.

Prioritized List of 2023 Capital Requests

| PROGRAM/PROJECT | MUNIS PROJECT | 2023 PRIORITY |
|--------------------------------------|----------------------|----------------------|
| UW #19 WATER QUALITY MITIGATION | 10448 | 1 |
| UW #15 PFAS MITIGATION | 14092 | 2 |
| UW #14 Na AND CI MITIGATION | 11900 | 3 |
| UW #27 IRON AND MANGANESE MITIGATION | 14205 | 4 |
| UW #28 IRON AND MANGANESE MITIGATION | 17604 | 5 |
| UW #30 IRON AND MANGANESE MITIGATION | 17603 | 6 |
| OLIN BUILDING PARKING LOT EXPANSION | 14023 | 7 |
| WATER MAINS NEW | 14159 | 8 |
| WATER MAINS PAVEMENT MANAGEMENT | 14160 | 9 |
| WATER MAINS PIPE LINING | 14164 | 10 |
| WATER MAINS RECONSTRUCT | 14165 | 11 |
| ATWOOD AVENUE | 11127 | 12 |
| PLEASANT VIEW RD - PHASE 1 | 10284 | 13 |
| PARK STREET SOUTH | 11133 | 14 |
| HIGH POINT/RAYMOND/MIDTOWN | 12454 | 15 |
| WATER UTILITY FACILITY IMPROVEMENTS | 14166 | 16 |
| METER & FIXED NETWORK PROGRAM | 14167 | 17 |
| VEHICLES & EQUIPMENT PROGRAM | 14168 | 18 |
| UW REHAB PROGRAM | 14169 | 19 |
| HYDRANT PROGRAM | 14170 | 20 |
| NEW VALVE CUT-IN PROGRAM | 14171 | 21 |
| COLORINATORS AND FLORIDATORS PROGRAM | 14172 | 22 |

Summary of Changes from 2022 Capital Improvement Plan

The Utility has always been committed to sound fiscal planning and is committed to building up financial reserves that will one day fund our infrastructure replacement program and reduce our reliance on debt financing. The Utility currently has a rate case before the Public Service Commission of Wisconsin that includes \$5 million for expense depreciation funding of our main program. If approved, this will allow the Utility to cash finance most, if not all, of our recurring capital programs.

The Utility increased the cost for UW #19 Iron and Manganese Filter by \$1.4M due to more accurate cost estimates.

In an effort to reduce other spending in our CIP, the Utility was able to reduce the cost of two major streets project by \$2.2M (Atwood Ave and Pleasant View Road Phase 1).

The Utility included 6 new projects in the 2023 CIP. The Utility included a \$500,000 Olin Parking Lot Expansion project in the 2023 CIP. We are taking advantage of cost savings by coordinating with Streets as they are building a road next to this space. The Utility included consulting costs for UW #15 PFAS mitigation of \$433K and UW #14 Sodium and Chloride Mitigation of \$150K, with construction to start in 2024 for both projects. The Utility included \$189K for the study of iron and manganese at UWs 27, 28 and 30.

Funding Considerations

The Utility submitted a financial plan to the Public Service Commission of Wisconsin (PSC) in January of 2019. In this plan the Utility committed to reducing our reliance on debt financing of our recurring capital programs. Since developing this plan, the Utility has lowered its operating and maintenance costs, reduced the capital program, applied and received a rate increase from the PSC in June 2020 and has submitted another rate increase application in December 2021. The most recent rate increase includes expense depreciation of \$5M which is a “pay as you go” option to fund our main replacement program. The PSC has approved expense depreciation for 3 utilities in Wisconsin for the cost of replacing approximately 1% of the main in their distribution system.

The Utility has also submitted an Intent to Apply with the State DNR for the Safe Drinking Water Loan (SDWL) program for \$5.05M of 2020 and 2021 main projects. This program funds projects at 55% of the current market rate for municipal bonds.

We intend to apply for SDWL funds for the UW #19 Water Quality Mitigation project. The Utility also intends to apply for Bipartisan Infrastructure Law (BIL) forgivable funding for the UW #15 PFAS Mitigation project.

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|-----------------|
| Agency | Water Utility ▼ | Proposal Name | Atwood Avenue ▼ |
| Project Number | 11127 | Project Type | Project |
| Project Category | Transportation | Priority: | 12 ▼ |

Description

This project funds the reconstruction of Atwood Avenue from Fair Oaks Avenue to Cottage Grove Road to a three-lane boulevard with multi-use paths. Median and crosswalk enhancements are proposed for safe pedestrian crossing to Olbrich Gardens and Olbrich Park. The multi-use path will be utilized for the Lake Loop route around Lake Monona. A new pedestrian and bicycle bridge over the Starkweather Creek is included in the project. The goal of the project is to improve the facilities for pedestrians, bicyclists, motor vehicles and transit. Funding shown reflects the Water Utility component of the project.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

This program repairs/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Existing MWU infrastructure in the project limits is sufficiently sized and in good condition. Proposed budget allows for minor system adjustments to accommodate the roadway design.

Major Project Description (City Engineering Division): This project is for replacing pavement on Atwood Avenue between Fair Oaks Avenue and Cottage Grove Road. The goal of this project is to improve the pavement quality index of this 1.1 mile stretch to ensure safety and ride quality of the road is brought up to City standards. The current pavement quality index of the roadway is 4 of 10. Design is complete with construction scheduled in 2025.

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 No

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.

While this project is not located in an environmental justice area, it does extend along Olbrich Park and Olbrich Gardens both of which attract visitors from every neighborhood in Madison. These attractions also bring in visitors from outside the City. We worked extensively to make sure that we were not just focusing on road/utility needs, but also safety for park users to be able to travel and cross the road safely. MWU costs are distributed amongst the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation*

\$49,000

2016-2022 Actuals

\$13,213

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 390,000 | | | | | |
| Total | \$390,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------------------|------------|------------|------------|------------|------------|
| Water Network | 390,000 | | | | | |
| Total | \$390,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

2023 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|-----------------------|
| Construction/Implement | \$390,000 | Pipeline Improvements |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|---------------|----------------------|---|
| Agency | Water Utility | Proposal Name | Booster Pump Station #213 Lakeview Reconstruction |
| Project Number | 12441 | Project Type | Project |
| Project Category | Utility | Priority: | Select... |

Description

This project is for reconstructing the Lake View Booster Pumping Station. The goal of the project is to meet fire fighting requirements and expansion in Zone 5. A generator will also be added to ensure reliability of the pumping station in the event of a power outage. Pump capacity will be increased to 1200 gallons per minute.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water.

Describe how this project/program advances the Citywide Element:

Adequate pumping capacity is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Pressure Zone 5 in the north end of the service area has long been restricted by the size of the reservoir and the associate booster pumping station. Fire protection capacity is limited and currently does not meet Utility standards. With the construction of the Lake View Reservoir, Zone 5 has 300,000 gallons of available storage capacity and requires an upgrade of the booster pumping station to support this reservoir. The existing reservoir will be upgraded to a firm capacity of 1,000 gpm with generator backup for reliability. This allows Zone 5 to expand improving pressure for local residents and development of unimproved land. Design development is currently scheduled to start in 2026.

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 No

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 project is located in an Environmental Justice Area with a higher percentage of People of Color and a higher percentage of people living below the poverty line. This project continues an investment into water supply, piping and storage/fire protection improvements in this area with project costs being distributed equally among the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation* \$0 **2016-2022 Actuals** \$0

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------|------|------|-----------|-------------|-----------|
| Borrowing - Revenue Bonds | | | 0 | 188,000 | 1,161,000 | 877,000 |
| Total | \$0 | \$0 | \$0 | \$188,000 | \$1,161,000 | \$877,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|------|------|------|-----------|-------------|-----------|
| Water Network | | 0 | 0 | 0 | | 877,000 |
| Machinery and Equipment | | | 0 | 188,000 | 1,161,000 | 0 |
| Total | \$0 | \$0 | \$0 | \$188,000 | \$1,161,000 | \$877,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project?

2023 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|-----------|--|
| Planning | \$188,000 | Public Engagement & Engineering Services |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|-------------------|
| Construction/Implement | \$5,000 | Public Engagement |
| Construction/Implement | \$541,000 | Upgrade Pumps |
| Construction/Implement | \$615,000 | Generator |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|------------------------|
| Construction/Implement | \$877,000 | Water Main Improvement |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Booster Pump Station 128 Upgrade"/> |
| Project Number | <input type="text" value="12442"/> | Project Type | <input type="text" value="Project"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="Select..."/> |

Description

Pressure Zone 11 on the far west side is experiencing development pressure and growing. The Blackhawk elevated tank was completed and put into service in December 2018 and will support projected growth in the area. Pump station capacity at the Blackhawk Booster Pumping Station is a limiting factor and the pumps and electrical systems require upgrade. This proposal will increase firm pumping capacity from 1,000 gpm to 1,400 to 2,100 gpm. Design development is scheduled to start in 2023.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This project repairs and updates an existing undersized and deteriorated water supply and booster pumping facility in order to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Pressure Zone 11 on the far west side is experiencing development pressure and growing. The Blackhawk elevated tank was completed and put into service in December 2018 and will support projected growth in the area. Pump station capacity at the Blackhawk Booster Pumping Station is a limiting factor and the pumps and electrical systems require upgrade. This proposal will increase firm pumping capacity from 1,000 gpm to 1,400 to 2,100 gpm.

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 No

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.

Although this project is not located within an Environmental Justice Area, the scope of the facility improvements extend service from this facility into Pressure Zones 10 and 11, affecting a significant number of community residents. Project costs will be distributed equally among the entire Utility customer base.

Projects are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distribute improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible, and minimize project cost impacts which may create financial burdens in lower income areas.

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

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 No

Budget Information

Prior Appropriation*
 *Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------|------|------|------|------|----------|
| Borrowing - Revenue Bonds | | | | | | 92,500 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$92,500 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|------|------|------|------|------|----------|
| Machinery and Equipment | | | | | | 92,500 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$92,500 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project? 9160 Waterside Street

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-----------------------------|
| Planning | \$92,500 | Engineering Design Services |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Chlorinators & Florinators Program"/> |
| Project Number | <input type="text" value="12386"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="22"/> |
| 2023 Project Number | <input type="text" value="14172"/> | | |

Description

This program rebuilds and replaces chlorinator and florinator equipment on a 10 year replacement cycle. The goal of this program is to reduce failures and service interruptions for safe and reliable water. Progress will be measured by the frequency of equipment failure.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

Other Strategic Plans:

Does the project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Yes No Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

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.

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 No

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.

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

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 No

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

\$34,228 2016-2021 Actuals \$3,228 2022 Budget \$35,000

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Reserves Applied | 95,000 | 95,000 | 95,000 | 95,000 | 35,000 | 35,000 |
| Total | \$95,000 | \$95,000 | \$95,000 | \$95,000 | \$35,000 | \$35,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Machinery and Equipment | 95,000 | 95,000 | 95,000 | 95,000 | 35,000 | 35,000 |
| Total | \$95,000 | \$95,000 | \$95,000 | \$95,000 | \$35,000 | \$35,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2023 Chlorinators and Floridators | \$35,000 | MWU Unit Wells and Booster Pump Stations |
| Chlorine Analyzers | \$60,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2024 Chlorinators and Floridators | \$35,000 | MWU Unit Wells and Booster Pump Stations |
| Chlorine Analyzers | \$60,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2025 Chlorinators and Floridators | \$35,000 | MWU Unit Wells and Booster Pump Stations |
| Chlorine Analyzers | \$60,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2026 Chlorinators and Floridators | \$35,000 | MWU Unit Wells and Booster Pump Stations |
| Chlorine Analyzers | \$60,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2027 Chlorinators and Floridators | \$35,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|-----------------------------------|----------|--|
| 2028 Chlorinators and Floridators | 35,000 | MWU Unit Wells and Booster Pump Stations |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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?

Yes No

Facilities/land maintenance?

Yes No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

Notes

Notes:

Save and Close

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|------------------------------|
| Agency | Water Utility ▾ | Proposal Name | High Point/Raymond/MidTown ▾ |
| Project Number | 12454 | Project Type | Project |
| Project Category | Utility | Priority: | 15 ▾ |

Description

The proposed MWU budget allows for a system redundancy connection between pressure zones 8 and 9 and water main installations along new development areas.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▾

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▾

Describe how this project/program advances the Citywide Element:

This program repairs and/or replaces existing undersized or deteriorated water mains and extends new mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 proposed MWU budget allows for design services related to Water Utility infrastructure in the project area to proceed in 2023. Construction is planned for 2028.

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 No

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.

The proposed improvements will increase the municipal water service area near the proposed project and add redundancy and backup supply options for MWU Pressure Zone 9. MWU costs are distributed amongst the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation* **2016-2022 Actuals**

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|-----------------|------------|------------|------------|------------|------------------|
| Borrowing - Revenue Bonds | 25,000 | 0 | | | | 303,000 |
| Total | \$25,000 | \$0 | \$0 | \$0 | \$0 | \$303,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|-----------------|------------|------------|------------|------------|------------------|
| Water Network | 25,000 | 0 | | | | 303,000 |
| Total | \$25,000 | \$0 | \$0 | \$0 | \$0 | \$303,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project?

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-----------------------------|
| Planning | \$25,000 | Engineering Design Services |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|-------------------------|-----------|-----------------------|
| Construction/Implement: | \$303,000 | Pipeline improvements |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No
[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No
[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|---------------|----------------------|----------------------------|
| Agency | Water Utility | Proposal Name | Olin Building Improvements |
| Project Number | 14023 | Project Type | Project |
| Project Category | Facility | Priority: | 7 |

Description

Water Utility fleet and employee parking lot expansion along the southern end of the Water Utility property at 110 East Olin Avenue. This work will coincide with a City Engineering-led effort to create a new public access road to the drop off site adjacent to the Water Utility parcel. Both agencies will collaborate on proper grading; contaminated soil disposal; and storm water management requirements.

Does the project/program description require updates? If yes, please include below.

Please update the address to 119 East Olin Avenue. Thank you.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Land Use and Transportation

Strategy Does not meet a strategy.

Describe how this project/program advances the Citywide Element:

Allows for effective fleet management for utility and employee vehicles for day-to-day operations; collaborates with City Engineering on ensuring efficient access to the adjacent brush processing center.

Other Strategic Plans:

Does the 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 No

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

Ensures continued on-site vehicular access and management for staff and city fleet; provides clearer, safer access to brush disposal for professional and civilian drop-off.

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.

Current parking lot and interior parking structure capacities; vehicular accessibility to current gated opening at brush collection site; projected future fleet, staff, and brush dropoff demand.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

If yes, describe how.

Project will remove and properly dispose of recorded contaminated soils on the property. Project will include a storm water collection and management element to further reduce impacts to this area.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 500,000 | | | | | |
| Total | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------|------------------|------------|------------|------------|------------|------------|
| Land Improvements | 500,000 | | | | | |
| Total | \$500,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

119 E. Olin Avenue

2023 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|---|
| Construction/Implement | \$500,000 | Constructing a parking lot behind the VSB |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

[IT New Software Request Form](#)

Yes No

Have you submitted an IT project request form?

[IT Project Request Form](#)

Yes No

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

[Agency Capital Materials](#)

Yes No

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

[Surveillance Budget Request Attachment](#)

Yes No

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|--------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Outer Capitol Loop Southeast ▼ |
| Project Number | 10303 | Project Type | Project |
| Project Category | Transportation | Priority: | Select... ▼ |

Description

This project is for reconstructing the southeast section of the Outer Capitol Loop. The goal of this project is to improve the roadway's pavement quality rating and pedestrian experience. The pavement quality rating for the roadway is currently 4 of 10. The project's scope includes reconstruction of East Doty Street from Martin Luther King Jr. Boulevard to South Webster Street and South Pinckney from East Doty Street to East Wilson Street. Funding in 2023 is for construction. Funding shown reflects the Water Utility component of the project.

Does the project/program description require updates? If yes, please include below.

Change funding to 2024 from 2023.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

This program rehabilitates existing deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 proposed MWU budget allows for minor valve/hydrant improvements and the abandonment and transfer of service connections from an existing 4-IN water main to an existing parallel 10-IN water main.

Major Project Description (City Engineering Division): This project is for reconstructing East Doty Street from Martin Luther King Jr. Boulevard to South Webster Street, and South Pinckney from East Doty Street to East Wilson Street. The goal of this project is to improve the roadway's pavement quality rating and pedestrian experience. The pavement quality rating for the roadway is currently 5 of 10. Funding in 2024 is for construction.

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 No

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.

While this project is not located in an environmental justice area, access to the Capitol Square is an important service and employment hub for residents throughout the City. This project will enhance vehicle, bicycle, and pedestrian access to the City, County and State government services as well as employment opportunities. MWU costs are distributed amongst the entire Utility customer base

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

Budget Information

Prior Appropriation* \$0 2016-2022 Actuals \$0
 *Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------|-----------|------|------|------|------|
| Borrowing - Revenue Bonds | | 193,000 | | | | |
| Total | \$0 | \$193,000 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------|-----------|------|------|------|------|
| Water Network | 0 | 193,000 | | | | |
| Total | \$0 | \$193,000 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project? Martin Luther King Jr Blvd, E Doty St to S Webster St, E Wilson St

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------------------|-----------|----------------------|
| Construction/Implementer | \$193,000 | Pipeline Improvement |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="PFAS Investigation"/> |
| Project Number | <input type="text" value="14092"/> | Project Type | <input type="text" value="Project"/> |
| Project Category | <input type="text" value="Green and Resilient"/> | Priority: | <input type="text" value="2"/> |

Description

The contaminant, PFAS, has been detected at Well 15. While PFAS is not regulated at this time, there is significant concern about it's potential health impacts. To prepare for a change in the PFAS regulatory requirements, a project is established to investigate and study potential treatment options. Starting in 2021, alternatives will be developed and evaluated for the mitigation of PFAS at Well 15. Recommendations from this study could result in future work.

Does the project/program description require updates? If yes, please include below.

Please remove the last two lines, this was from the project that was done for the study at Well 15. Please add: A study that was performed on Well 15 gave guidance on how to proceed with improving the PFAS levels at Well 15 and that is now going to be implemented. Water Utility is going to apply for a grant from the State to fund this project, but those funds will not be available until late 2022 or 2023.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaing critical infrasture.

Other Strategic Plans:

Does the 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 No

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 project is included in the Master Plan and the long term CIP.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The planned improvement at Well 15 will remove organic contaminants (PFAS & VOCs) from the water. Household income of people living in the area primarily served by Well 15 is lower than median household income for Madison as a whole. Further, other environmental stresses including airport noise contribute to health burden.

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.

A triple bottom line approach will evaluate social, environmental, and economic factors to prioritize the order of completion for these projects in our long-term CIP. Equity and social justice will be important determinants.

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

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 No

If yes, describe how.

Yes, the proposed treatment system will eliminate two high-energy blowers and post-treatment chemical addition needed to re-condition the water. This treatment system change will accelerate our path to a carbon-neutral future.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|----------------|------------------|--------------------|------------|------------|------------|------------|
| State Sources | 433,000 | 5,085,000 | | | | |
| Total | \$433,000 | \$5,085,000 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|------------------|--------------------|------------|------------|------------|------------|
| Machinery and Equipment | 433,000 | 5,085,000 | | | | |
| Total | \$433,000 | \$5,085,000 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

3900 E Washington Avenue

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|-----------|--------------|
| Planning | \$433,000 | Design Phase |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|-----------------------|-------------|--|
| Construction/Implemer | \$5,085,000 | Construction and installation of equipment |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

0.00

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|----------------|----------------------|---------------------------------|
| Agency | Water Utility | Proposal Name | Park Street, South (Olin to RR) |
| Project Number | 11133 | Project Type | Project |
| Project Category | Transportation | Priority: | 14 |

Description

This project is for reconstructing South Park Street. The goal of the project is to improve the pavement quality of the roadway. The current pavement rating is 4 of 10. The project's scope includes South Park Street from the railroad to Olin Avenue. Design is planned for 2022 and construction is planned for 2026. This timeline aligns with the Wisconsin Department of Transportation timeline.

Does the project/program description require updates? If yes, please include below.

Change design planned year to 2023 from 2022 and construction year to 2025 from 2026.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water.

Describe how this project/program advances the Citywide Element:

This project replaces existing failed and/or undersized water mains. The work is done in conjunction with other agencies to reduce the number of times the public is affected by the construction on major thoroughfares.

Other Strategic Plans:

Does the 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 No

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.

MWU proposes to connect a system hydraulic gap located between Wingra Creek and the railroad crossing to improve system hydraulics in close proximity to Unit Well 18. Also, minor system improvements, as needed, in accomodation of the roadway reconstruction project.

Major Project Description (City Engineering Division): This project is for reconstructing South Park Street from the railroad to Olin Avenue. The goal of the project is to improve the pavement quality of the roadway. The current pavement rating is 4 of 10.

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 No

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 project extends through an environmental justice area with higher percentage Black, Indigenous, People of Color and people with lower incomes. It also extends through the Southside NRT. Improving the pavement, sidewalks and bike facilities in this area will create a safe convenient transportation for these groups. MWU costs are distributed amongst the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation* \$0 **2016-2022 Actuals** \$0

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|-----------------|------------|------------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 21,000 | | 437,000 | | | |
| Total | \$21,000 | \$0 | \$437,000 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|-----------------|------------|------------------|------------|------------|------------|
| Water Network | 21,000 | | 437,000 | | | |
| Total | \$21,000 | \$0 | \$437,000 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project?

2023 Status

| Status/Phase | Est Cost | Description |
|------------------------|----------|-------------------------------|
| Construction/Implement | \$21,000 | Finishing construction design |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|-----------------------|
| Construction/Implement | \$437,000 | Pipeline Improvements |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|--------------------------|----------------------|--------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Pleasant View Road - Phase 1 ▼ |
| Project Number | 10284 | Project Type | Project |
| Project Category | Land Use and Transpor... | Priority: | 13 ▼ |

Description

This project is for reconstructing Pleasant View Road from US-14 to Old Sauk Road. The goal of this project is to expand the existing roadway and improve the pavement quality. The current pavement rating is 4 of 10. The project's scope includes construction of a four-lane roadway with multi-use path and sidewalk to replace the existing two-lane roadway. Construction is planned for 2022 and 2023. Funding shown reflects the Water Utility component of the project.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

This program repairs and/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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.

MWU proposes to replace isolated segments of existing deteriorated water mains and implement hydraulic improvements within segments of the overall scope of this major roadway reconstruction project

Major Project Description (City Engineering Division): This project is for reconstructing the existing two lane rural roadway to a four lane roadway with bike lanes and sidewalks from US-14 to Old Sauk Road. The goal of this project is to expand the existing roadway as well as improve the pavement quality. The current pavement rating is 5 of 10. Funding in 2023 is for phase 1 construction. Federal funding for this project is secured.

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 No

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.

While this project is not located in an environmental justice area, it is an arterial route that provides access to a commercial area providing employment to a significant number of residents. The new sidewalk and multi-use path will extend opportunities for people to walk and bike along the Pleasant View Corridor. The median will enhance safety for pedestrian crossing. MWU costs are distributed amongst the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation*

\$24,000

2016-2022 Actuals

\$0

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 120,000 | | | | | |
| Total | \$120,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------------------|------------|------------|------------|------------|------------|
| Water Network | 120,000 | | | | | |
| Total | \$120,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project? US-14 to Old Sauk Rd

2023 Status

| Status/Phase | Est Cost | Description |
|------------------------|-----------|----------------------|
| Construction/Implement | \$120,000 | Pipeline Improvement |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|---------------|----------------------|--|
| Agency | Water Utility | Proposal Name | Unit Well 12 Conversion to a Two Zone Well |
| Project Number | 10452 | Project Type | Project |
| Project Category | Utility | Priority: | Select... |

Description

This project is for rebuilding and expanding Well #12 located on South Whitney Way. The goal of the project is to provide water supply capacity to five existing pressure zones, which represents the majority of the City's west side. The system flexibility provided by this project will improve service reliability and maximize water supply. Funding in 2023 is for design and funding in 2024 is for construction.

Does the project/program description require updates? If yes, please include below.

Change last sentence to:

Funding in 2026 is for design with construction to begin in 2024.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water.

Describe how this project/program advances the Citywide Element:

Operational flexibility and efficiency is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Well 12 is located on the boarder between Zone 7 and Zone 8. This location provides the opportunity to permanently convert Well 12 to a two zone supply point that would also provide booster pumping capacity from Zone 7 to Zone 8.

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 No

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.

Although this project is not located within an Environmental Justice Area, the scope of the facility improvements extend service from this facility into Pressure Zone 8, which includes many areas within Environmental Justice Areas with a higher percentage of both People of Color and people living below the property line. Project costs will be distributed equally among the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation* \$1,441,588 **2016-2022 Actuals** \$1,441,588

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------|------------|------------|------------------|--------------------|-----------------|
| Borrowing - Revenue Bonds | 0 | 0 | 0 | 263,000 | 3,754,000 | 41,000 |
| Total | \$0 | \$0 | \$0 | \$263,000 | \$3,754,000 | \$41,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--------------|------------|------------|------------|------------------|--------------------|-----------------|
| Building | 0 | 0 | 0 | 263,000 | 3,754,000 | 41,000 |
| Total | \$0 | \$0 | \$0 | \$263,000 | \$3,754,000 | \$41,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

2023 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|-----------|--|
| Planning | \$263,000 | Public Engagement and Engineering planning |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|------------------------|-------------|---------------------------------|
| Construction/Implement | \$3,754,000 | Well Reconstruction and Upgrade |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|------------------------|----------|---|
| Construction/Implement | \$41,000 | Completion of Well Reconstruction and Upgrade |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No
[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No
[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|---|
| Agency | Water Utility ▼ | Proposal Name | Unit Well 14 - Sodium and Chloride Mitigation ▼ |
| Project Number | 11900 | Project Type | Project |
| Project Category | Utility | Priority: | 3 ▼ |

Description

Due to decades of road salt use on Madison city streets and in particular University avenue, Well 14 has elevated levels of sodium (Na) and Chloride (Cl). Efforts are underway to reduce the quantity of road salt used, however the levels currently in the groundwater will eventually reach the well. If the level of Na and Cl continues to rise, mitigation will be required. This project will fund a project to evaluate and develop alternatives for reducing the Na and Cl entering the drinking water system. Recommendations from this study could result in future work.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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 project is included in Water's Asset Mangement Plan and Master 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? Yes No

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 program will improve the quality of drinking water for residents that are served by Well 14. It will allow us to meet established water quality regulations and standards.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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

Spring Harbor Neighborhood Association.

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 No

If yes, describe how.

This will prevent sodium chloride (road salt) from entering the well. This will allow us to use the well longer and promote sustainability.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|--------------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 150,000 | 1,500,000 | | | | |
| Total | \$150,000 | \$1,500,000 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--------------|------------------|--------------------|------------|------------|------------|------------|
| Building | 150,000 | 1,500,000 | | | | |
| Total | \$150,000 | \$1,500,000 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

5130 University Ave

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|-----------|-----------------------------|
| Planning | \$150,000 | Engineering Design Services |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------------------|-------------|-------------------|
| Construction/Implementer | \$1,500,000 | Well Construction |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

0.00

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|-------|-------------|-------------|
| | | |

Insert item

Save

Submit

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|---------------|----------------------|------------------------------|
| Agency | Water Utility | Proposal Name | Unit Well 8 - Reconstruction |
| Project Number | 10944 | Project Type | Project |
| Project Category | Utility | Priority: | Select... |

Description

Elevated levels of iron and manganese at Well 8 exceed Water Utility Board standards and need to be addressed. The facility was constructed in 1945 and is in need of renewal. The facility will be demolished and rebuilt. Geographically, the well is located in a well developed area in the near east side of the system. This location provides is in proximity of Zones 6e, 6w, and 4. This would allow the well to serve these three zones, transferring water from the isthmus to the SE side of the service area. Challenges and limitations exists from the Kipp Corporation site, Olbrich Park and Lake Monona. Coordination with neighborhood groups and the Parks Department will be critical to project success. Preliminary planning work will commence in 2028.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water.

Describe how this project/program advances the Citywide Element:

This project replaces an existing undersized and deteriorated water supply and booster pumping facility in order to meet established Utility Level-of-Service for water supply infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Elevated levels of iron and manganese at Well 8 exceed Water Utility Board standards and need to be addressed. The facility was constructed in 1945 and is in need of renewal. The facility is proposed to be demolished and rebuilt. Geographically, the well is located in a well developed area in the near east side of the system. This location provides is in proximity of Zones 6e, 6w, and 4. This would potentially allow the well to serve these three zones, transferring water from the isthmus to the SE side of the service area. Challenges and limitations exists from the Kipp Corporation site, Olbrich Park and Lake Monona. Coordination with community & neighborhood groups and the Parks Department will be critical to project success.

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 No

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.

While this project is not located in an Environmental Justice Area, it is located within Olbrich Park and adjacent to Olbrich Gardens both of which attract visitors from every neighborhood in Madison. These attractions also bring in visitors from outside the City. To the extent practical, MWU facility improvement projects incorporate design features such as drinking fountains or gardens, which extend benefits to all residents and visitors in the vicinity of the facility.

This project will work very closely with the public, DNR, PSC, local representatives, Park Dept, Olbrich Gardens, and Lake Monona/Starkweather Creek communities. At this phase in the project, outreach efforts have not started.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

Budget Information

Prior Appropriation*

2016-2022 Actuals

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--|------|------|------|------|------|----------|
| Borrowing - Revenue Bonds <input type="text"/> | | | | | | 88,000 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$88,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------------|------|------|------|------|------|----------|
| Building <input type="text"/> | | | | | | 88,000 |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$88,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

2023 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-----------------------------|
| Planning | \$88,000 | Engineering Design Services |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

0.00

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Unit Well Rehab Program"/> |
| Project Number | <input type="text" value="12341"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="19"/> |
| 2023 Project Number | <input type="text" value="14169"/> | | |

Description

This program is for the 10 year unit well upgrade projects as recommended by WIDNR. The goal of this program is to ensure that all unit wells are functioning at an efficient level and to reduce annual maintenance costs. Progress will be measured by reduction of maintenance costs, fewer unit well failures, and compliance with the 10 year schedule.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This program keeps our water supply capacities at peak levels which is important for fire protection and safe clean drinking water.

Other Strategic Plans:

Does the 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 No

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 fits into our Asset Management plan and is for the 10 year unit well maintenance that is recommended by the WIDNR. The goal of this program is to ensure that all unit wells are functioning reliably, efficiently, and to reduce annual maintenance costs.

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 No

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.

All water utility customers benefit from this program as it keeps our water supply capacities at peak levels which is important for fire protection and safe clean drinking water.

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

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 No

If yes, describe how.

This improves the city's climate and sustainability goals by rehabilitating or replacing aging pumps and motors to ensure the deep wells are operating efficiently thus reducing energy and maintenance costs throughout the system.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

| | | | | | |
|--|-----------|--------------------------|-----------|--------------------|-----------|
| | \$661,849 | 2016-2021 Actuals | \$517,475 | 2022 Budget | \$330,000 |
|--|-----------|--------------------------|-----------|--------------------|-----------|

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Reserves Applied | 360,000 | 371,000 | 382,000 | 393,000 | 405,000 | 417,000 |
| Total | \$360,000 | \$371,000 | \$382,000 | \$393,000 | \$405,000 | \$417,000 |

Insert Funding Source
 If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Machinery and Equipment | 360,000 | 371,000 | 382,000 | 393,000 | 405,000 | 417,000 |
| Total | \$360,000 | \$371,000 | \$382,000 | \$393,000 | \$405,000 | \$417,000 |

Insert Expense Type
 Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|--------------|-----------|----------------------|
| UW #20 | \$120,000 | 2829 Prairie Rd |
| UW #30 | \$120,000 | 1133 Moorland Rd |
| UW #24 | \$120,000 | 101 N. Livingston St |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|--------------|-----------|---------------------|
| UW #6 | \$124,000 | 2757 University Ave |
| UW #13 | \$124,000 | 1201 Wheeler Rd |
| UW #28 | \$123,000 | 8210 Old Sauk Road |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|--------------|-----------|-----------------------|
| UW #7 | \$127,000 | 1613 N Sherman Ave |
| UW #12 | \$127,000 | 501 S Whitney Way |
| UW #16 | \$128,000 | 6706 Mineral Point Rd |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|--------------|-----------|----------------------|
| UW #19 | \$131,000 | 2526 Lake Mendota Dr |
| UW #25 | \$131,000 | 5415 Queensbridge Rd |
| UW #14 | \$131,000 | 5130 University Ave |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|--------------|-----------|-------------------|
| UW #9 | \$135,000 | 4724 Spaanem Ave |
| UW #26 | \$135,000 | 910 High Point Rd |
| UW #27 | \$135,000 | 18 N. Randall Ave |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|--------------|----------|-------------------------|
| UW #31 | 139,000 | 4901 Tradewinds Parkway |
| UW #29 | 139,000 | 829 N. Thompson Dr |
| UW #8 | 139,000 | 3206 Lakeland Ave |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Hydrants Program"/> |
| Project Number | <input type="text" value="12385"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="20"/> |
| 2023 Project Number | <input type="text" value="14170"/> | | |

Description

This program is for the annual raising, replacing and moving of water hydrants. The goal of this program is to maintain reliable service for fire suppression.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

We will allow safer access and operations by replacing, raising, or relocation our aging fire hydrants. We will ensure that the citizens of Madison receive fair premiums for homeowners and commercial fire insurance by maintaining or improving our current ISO class 1 rating.

Other Strategic Plans:

Does the project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Yes No Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

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 is for the annual raising, replacing, and moving fire hydrants. The goal of this program is to maintain reliable service for fire suppression. This program fits in with both our Master plan and Asset Management 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? Yes No

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 program will allow for safer access and operations by replacing, raising, or relocating our aging fire hydrants. We will ensure that the citizens of Madison receive fair premiums for homeowners and commercial fire insurance by maintaining our current ISO Class 1 rating.

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

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 No

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

\$400,000

2016-2021 Actuals

\$240,045

2022 Budget \$350,000

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Reserves Applied | 400,000 | 412,000 | 424,000 | 437,000 | 450,000 | 464,000 |
| Total | \$400,000 | \$412,000 | \$424,000 | \$437,000 | \$450,000 | \$464,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Water Network | 400,000 | 412,000 | 424,000 | 437,000 | 450,000 | 464,000 |
| Total | \$400,000 | \$412,000 | \$424,000 | \$437,000 | \$450,000 | \$464,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|------------------------------------|-----------|-----------|
| 2023 Water Utility Hydrant Program | \$400,000 | City-wide |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|------------------------------------|-----------|-----------|
| 2024 Water Utility Hydrant Program | \$412,000 | City-wide |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|------------------------------------|-----------|-----------|
| 2025 Water Utility Hydrant Program | \$424,000 | City-wide |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|------------------------------------|-----------|-----------|
| 2026 Water Utility Hydrant Program | \$437,000 | City-wide |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|------------------------------------|-----------|-----------|
| 2027 Water Utility Hydrant Program | \$450,000 | City-wide |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|------------------------------------|----------|-----------|
| 2028 Water Utility Hydrant Program | 464,000 | City-wide |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No
[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No
[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No
[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Mains - New"/> |
| Project Number | <input type="text" value="12507"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="8"/> |
| 2023 Project Number | <input type="text" value="14159"/> | | |

Description

This program is for installing new water mains throughout the City. The goal of the program is to strengthen and expand the existing distribution system, improve water pressure, improve fire protection, allow transfer of water between pressure zones, and to serve the growing areas of the City. Newly installed mains include hydraulic improvements consistent with the Water Utility Master Plan. Planned projects in 2022 include Hydraulic Improvements.

Does the project/program description require updates? If yes, please include below.

Change year reference from 2022 to 2023.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This program repairs and/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 proposed '2023 Water Mains New' projects extend new water mains to improve water system hydraulics, pressures, fire protection, and support ongoing development and water supply/facility improvements. These projects occur in conjunction with associated roadway construction projects or as stand-alone water main improvements consistent with infrastructure priorities identified in the Water Utility Master 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? Yes No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

This program funds new water main extensions to help strengthen the distribution system, improve pressures & fire protection, allow transfer of water between system zones, and serve new developments beyond the extent of the existing service area, City-wide and in compliance with City of Madison development policies and all applicable neighborhood development plans. New water main extension projects may include assessable improvements or connection fees, so project location related to Environmental Justice Areas is a consideration for balancing project cost vs. project need.

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 are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distribute improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible, and minimize project cost impacts which may create financial burdens in lower income areas.

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

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 No

Budget Information

Prior Appropriation* 2016-2021 Actuals 2022 Budget

*Based on Fiscal Years 2016-2021

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--|-----------------|------------------|------------------|------------------|------------------|------------------|
| Borrowing - Revenue Bonds <input type="text" value="v"/> | 20,000 | 768,000 | 108,000 | 228,000 | 454,000 | 454,000 |
| Total | \$20,000 | \$768,000 | \$108,000 | \$228,000 | \$454,000 | \$454,000 |

Insert Funding Source
 If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--|-----------------|------------------|------------------|------------------|------------------|------------------|
| Water Network <input type="text" value="v"/> | 20,000 | 768,000 | 108,000 | 228,000 | 454,000 | 454,000 |
| Total | \$20,000 | \$768,000 | \$108,000 | \$228,000 | \$454,000 | \$454,000 |

Insert Expense Type
 Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|-----------------------------|----------|--------------------------------|
| 2023 Hydraulic Improvements | \$10,000 | Facility Pipeline Improvements |
| 2023 System Improvements | \$10,000 | MWU Crew Projects (City-Wide) |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|------------------------------|-----------|--------------------------------|
| Lien Rd Water Main Extension | \$716,000 | Interstate 90-94 - Felland Rd |
| 2024 Hydraulic Improvements | \$26,000 | Facility Pipeline Improvements |
| 2024 System Improvements | \$26,000 | MWU Crew Projects (City-Wide) |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|-----------------------------|----------|--------------------------------|
| 2025 Hydraulic Improvements | \$54,000 | Facility Pipeline Improvements |
| 2025 System Improvements | \$54,000 | MWU Crew Projects (City-Wide) |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|-----------------------------|-----------|--------------------------------|
| 2026 Hydraulic Improvements | \$114,000 | Facility Pipeline Improvements |
| 2026 System Improvements | \$114,000 | MWU Crew Projects (City-Wide) |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|-----------------------------|-----------|--------------------------------|
| 2027 Hydraulic Improvements | \$227,000 | Facility Pipeline Improvements |
| 2027 System Improvements | \$227,000 | MWU Crew Projects (City-Wide) |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|-----------------------------|----------|--------------------------------|
| 2028 Hydraulic Improvements | 227,000 | Facility Pipeline Improvements |

| Project Name | Est Cost | Location |
|--------------------------|----------|-------------------------------|
| 2028 System Improvements | 227,000 | MWU Crew Projects (City-Wide) |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Mains Replace Rehab Improve - Pavement Management"/> |
| Project Number | <input type="text" value="11894"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="9"/> |
| 2023 Project Number | <input type="text" value="14160"/> | | |

Description

This program is for replacing existing water mains in conjunction with the repaving of roads as part of the City's Engineering-Major Streets Pavement Management program. The goal of the program is to update the water infrastructure, reducing the risk of pipe failure. The program aligns with the Water Utility's goal to replace or rehabilitate over 400 miles of aging pipe within the City over a 40-year period to renew and maintain the system. Planned projects in 2022 include: Old Middleton Road/Craig Avenue, West Washington Avenue, Kroncke Drive/Lanett Circle/Tanager Trail, North Brooks Street/Fahrenbrook Court/College Court, and hydraulic improvements.

Does the project/program description require updates? If yes, please include below.

Remove list of 2022 planned projects.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This program repairs and/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 supports the replacement and upgrade of deficient water mains in coordination with the City's street resurfacing Pavement Management Program or as stand-alone water main replacement projects. This program typically replaces failed or deteriorated, undersized, water mains which are difficult to maintain or have imposed significant maintenance and/or repair costs. Madison Water Utility utilizes an Asset Management program to establish, assess and define Core Risk metrics for all water mains in the system. This allows the Utility to compare and prioritize potential water main replacement projects. Existing mains are rated to establish their probability of failure and their consequence of failure. The assessment identifies existing water main mitigation needs and helps prioritize replacement either in conjunction with street construction projects, or stand-alone water main projects.

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 No

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 program replaces deteriorated, undersized, water mains in conjunction with planned roadway improvements, City-wide. Madison Water Utility utilizes an Asset Management program to establish, assess and define Core Risk metrics for all water mains in the system. Existing mains are rated to establish their probability of failure and their consequence of failure. The cost of water main replacements are distributed equally amongst the entire Utility customer base.

Projects are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distribute improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

Budget Information

Prior Appropriation*

\$254,625

2016-2021 Actuals

\$176,748

2022 Budget \$639,000

*Based on Fiscal Years 2016-2021

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|
| Borrowing - Revenue Bonds | 1,576,000 | 467,000 | 1,485,000 | 681,000 | 1,370,000 | 1,133,000 |
| Total | \$1,576,000 | \$467,000 | \$1,485,000 | \$681,000 | \$1,370,000 | \$1,133,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|--------------------|------------------|--------------------|------------------|--------------------|--------------------|
| Water Network | 1,576,000 | 467,000 | 1,485,000 | 681,000 | 1,370,000 | 1,133,000 |
| Total | \$1,576,000 | \$467,000 | \$1,485,000 | \$681,000 | \$1,370,000 | \$1,133,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| Hammersley | \$772,000 | Gilbert Rd-W Beltline Frontage Rd |
| S Broom St, S Henry St, W Wilson St | \$336,000 | S Broom St-W Wilson St; W Doty St-W Wilson St; S Henry St-S |
| N Segoe, Sheboygan | \$396,000 | Regent St-University Ave; Segoe Rd-N Whitney Way |
| 21C3B UW Madison-Engineering Dr, Randall Ave, Dayton St Utilities | \$21,000 | Engineering Dr-W Dayton St, N Randall Ave-N Charter St |
| 2023 Hydraulic Improvements-Replace Water Mains | \$51,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| N Franklin Ave | \$44,000 | Regent St-University Ave |
| Starker Ave | \$32,000 | Woodvale Dr-Droster Rd |
| Gilbert Rd | \$44,000 | Raymond Rd-Kroncke Dr |
| Pflaum Rd | \$193,000 | Monona Dr-S Stoughton Rd |
| 2024 Hydraulic Improvements-Replace Water Mains | \$154,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|---|-------------|--|
| Price Pl, Vernon Blvd | \$21,000 | Regent St-N End; N Midvale Blvd-N Segoe Rd |
| Anderson | \$29,000 | Hoffman St-Wright St |
| N Sherman Ave | \$29,000 | Sherman Ave-RR X-ing |
| Silverton Trl | \$29,000 | Muir Field Rd-McKee Rd |
| 2025 Hydraulic Improvements-Replace Water Mains | \$1,377,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|---|-----------|--|
| 2026 Hydraulic Improvements-Replace Water Mains | \$681,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|---|-------------|--|
| 2027 Hydraulic Improvements-Replace Water Mains | \$1,370,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| 2028 Hydraulic Improvements-Replace Water Mains | 1,133,000 | Unallocated System Improvements/MWU Crew Project (City-wide) |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

Save and Close

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Mains Replace Rehab Improve - Pipe Lining"/> |
| Project Number | <input type="text" value="11892"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="10"/> |
| 2023 Project Number | <input type="text" value="14164"/> | | |

Description

This program is for cured-in-place-pipe lining (CIPP) to improve the quality of existing pipes in the water network throughout the City. The goal of the program is to lengthen the useful life of the pipes at a lower cost than replacing the pipe. The program measures the miles of pipe rehabilitated using the lining method. Locations for CIPP lining are evaluated on an annual basis.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This program rehabilitates existing deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Yes No Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

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 funds the rehabilitation of existing deteriorated water mains which may not necessitate complete replacement by means of open-trench pipe replacement. Rehabilitation is often favorable in situations where the existing deteriorated main is of sufficient diameter to meet fire flow requirements, is located in an acceptable utility corridor and may be the only utility in need of repair in areas not currently scheduled for reconstruction. In addition to structural water main rehabilitation, non-structural methods can be used to address water quality concerns. This program also funds the development of Madison Water Utility's temporary water distribution piping which is used to provide temporary service to customers while existing mains are undergoing rehabilitation improvements. Madison Water Utility utilizes an Asset Management program to identify, compare and prioritize potential water main rehabilitation projects based on probability and consequence of failure.

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 No

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 program funds the rehabilitation of deteriorated water mains which may not necessitate full open-trench replacement, City-wide. Madison Water Utility utilizes an Asset Management program to identify, compare and prioritize potential water main rehab projects based on probability and consequence of failure. MWU strives to balance rehab main improvements throughout all areas of the City with costs distributed equally amongst the entire Utility customer base.

Projects are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distribute improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible.

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

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 No

Budget Information

Prior Appropriation*

\$1,110,000

2016-2021 Actuals

\$831,698

2022 Budget \$617,000

*Based on Fiscal Years 2016-2021

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Borrowing - Revenue Bonds | 524,000 | 1,065,000 | 1,172,000 | 1,459,000 | 1,458,000 | 1,054,000 |
| Total | \$524,000 | \$1,065,000 | \$1,172,000 | \$1,459,000 | \$1,458,000 | \$1,054,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Water Network | 524,000 | 1,065,000 | 1,172,000 | 1,459,000 | 1,458,000 | 1,054,000 |
| Total | \$524,000 | \$1,065,000 | \$1,172,000 | \$1,459,000 | \$1,458,000 | \$1,054,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| Lake Mendota Dr | \$400,000 | 143' W of Spring Ct-1,226-FT E of Merrill Springs Rd |
| CIPP Rehabilitation of Water Mains 2023 | \$24,000 | Undistributed (City-Wide, Locations Under Development) |
| Temporary Bypass System Materials Phase 4 | \$100,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|--|-------------|--|
| CIPP Rehabilitation of Water Mains 2024 | \$1,009,000 | Undistributed (City-Wide, Locations Under Development) |
| Temporary Bypass Systems Materials-Inventory/Replacement | \$56,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|--|-------------|--|
| CIPP Rehabilitation of Water Mains 2025 | \$1,144,000 | Undistributed (City-Wide, Locations Under Development) |
| Temporary Bypass Systems Materials-Inventory/Replacement | \$28,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|--|-------------|--|
| CIPP Rehabilitation of Water Mains 2026 | \$1,389,000 | Undistributed (City-Wide, Locations Under Development) |
| Temporary Bypass Systems Materials-Inventory/Replacement | \$70,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|---|-------------|---|
| CIPP Rehabilitation of Water Mains 2027 | \$1,428,000 | Undistributed (City-Wide, Locations Under DevelopmentUndistributed) |

| Project name | Est Cost | Location |
|--|----------|--|
| Temporary Bypass Systems Materials-Inventory/Replacement | \$30,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|--|----------|--|
| CIPP Rehabilitation of Water Mains 2028 | 993,000 | Undistributed (City-Wide, Locations Under Development) |
| Temporary Bypass Systems Materials-Inventory/Replacement | 61,000 | N/A-Materials for WU implementation on CIPP/WM Rep. Projects |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Mains Replace Rehab Improve - Reconstruct Streets"/> |
| Project Number | <input type="text" value="11893"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="11"/> |
| 2023 Project Number | <input type="text" value="14165"/> | | |

Description

This program is for replacing existing water mains in conjunction with the reconstruction of roads as part of the City's Engineering-Major Streets Reconstruct Streets program. The goal of the program is to update the water infrastructure, diminishing the risk of pipe failure. The program aligns with the Water Utility's goal to replace or rehabilitate over 400 miles of aging pipe within the City over a 40-year period to renew and maintain the system. Planned projects in 2022 include: Helena/Russell/Jenifer Streets, Starkweather Drive, Hill Crest Drive/Standish Court/Alden Drive, Davies Street/Major Avenue/Dempsey Road/Maher Avenue, Pontiac Trail/Nokomis Court/Rosewood Circle/Boston Court, and hydraulic improvements.

Does the project/program description require updates? If yes, please include below.

Remove the list of proposed 2022 projects.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

This program repairs and/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 supports the replacement and upgrade of deficient water mains in coordination with the City's Street Reconstruction Program, or as stand-alone water main replacement projects located within major roadways. This program typically replaces deteriorated, undersized water mains which are difficult to maintain or have imposed significant maintenance/repair costs. Madison Water Utility utilizes an Asset Management program to establish assess and define Core Risk metrics for all water mains in the system. This allows the Utility to compare and prioritize potential water main replacement projects. Existing mains are rated to establish their probability of failure and their consequence of failure. The assessment identifies existing water main mitigation needs and helps prioritize replacement either in conjunction with street construction projects, or stand-alone water main projects.

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 No

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 program replaces deteriorated, undersized, water mains in conjunction with planned roadway improvements, City-wide. Madison Water Utility utilizes an Asset Management program to establish, assess and define Core Risk metrics for all water mains in the system. Existing mains are rated to establish their probability of failure and their consequence of failure. The cost of water main replacements are distributed equally amongst the entire Utility customer base.

Projects are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distributue improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible.

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

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 No

Budget Information

Prior Appropriation* 2016-2021 Actuals 2022 Budget

*Based on Fiscal Years 2016-2021

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Borrowing - Revenue Bonds | 124,000 | 1,995,000 | 1,564,000 | 2,531,000 | 1,739,000 | 2,077,000 |
| Total | \$124,000 | \$1,995,000 | \$1,564,000 | \$2,531,000 | \$1,739,000 | \$2,077,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Water Network | 124,000 | 1,995,000 | 1,564,000 | 2,531,000 | 1,739,000 | 2,077,000 |
| Total | \$124,000 | \$1,995,000 | \$1,564,000 | \$2,531,000 | \$1,739,000 | \$2,077,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|--|----------|---|
| Sommers Ave, Center Ave, Willard Ave, Hudson Ave, Miller Ave | \$4,000 | Hudson Ave-Miller Ave; Ohio Ave-Elmside Blvd; Atwood Ave-Oakridge Ave; Atwood Ave-Willard ... |
| Rutledge St | \$4,000 | Riverside Dr-Division St |
| Richard St, Silver Rd | \$4,000 | Schenk St-Silver Rd; N End-Hynek Rd |
| Lowell St | \$4,000 | South Shore Dr-W Lakeside St |
| Lake Mendota Dr | \$51,000 | 143'W of Spring Ct-1,226FT E of Merriall Springs Rd |
| Doncaster Dr, Beverly Rd, Danbury St | \$4,000 | Danbury St-Seminole Hwy; Whenona Dr-Seminole Hwy; Mohawk Dr-Doncaster Dr |
| S Owen Dr | \$4,000 | Regent St-Hillcrest Dr |
| Schmitt Pl, Harvey St | \$4,000 | Harvey St-Universit Ave; Ridge St-Schmitt Pl |
| Blue Harvest/Treetops/Fether Edge | \$10,000 | Feather Edge Dr-Meadow R; Blue Harvest Ln-Soaring Sky Run; Blue Havest Ln-1,100 FT SE |
| Eastwood/Winnebago w/Storm Sewer | \$10,000 | Unknown |
| 2023 Hydraulic Improvements | \$25,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|---|-----------|---|
| Evergreen Ave Center Ave, Willard Ave, Ohio Ave | \$105,000 | Center Ave-Oakridge Ave; Dunning St-Hudson Ave; Evergreen Ave-Ohio Ave; Center Ave-Willard... |
| Farwell St, South Ct, North Ct | \$105,000 | Milwaukee St-C & NW RR; Farwell St-Corry St |
| Dawes St, Lansing St, Leon St, Richard St | \$105,000 | Lansing St-Walter St, Milwaukee St-Richard St, Starkweather Dr-Farrell St |
| Valley View Rd | \$924,000 | South Point Rd-Boyer |
| Felland Rd | \$663,000 | Commercial Ave-Autumn Lake Pkwy |
| Lake Mendota Dr, Norman Way | \$61,000 | 143' W of Spring Ct-Epworth Ct, Lake Mendota Dr- E End |

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|--|
| 2024 Hydraulic Improvements | \$32,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |
| <input type="checkbox"/> Insert item | | |
| 2025 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| Birge Ter | \$54,000 | University Ave-Birge Ter |
| Evergreen Ave, Ohio Ave, Sommers Ave | \$54,000 | Atwood Ave-Center; Dunning St-Hudson Ave |
| Sherman Ave, McGuire St | \$54,000 | McGuire St-N Sherman Ave; Sherman Ave-Fordem Ave |
| Hermina St, Union St | \$54,000 | N Marquette St-Clyde Gallagher Ave; N Marquette St-Clyde Gallagher Ave |
| Shawnee Pass | \$54,000 | Nakoma Rd-Cherokee Dr |
| Valley View Rd | \$1,161,000 | Pioneer Rd-South Point Rd |
| 2025 Hydraulic Improvements | \$133,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |
| <input type="checkbox"/> Insert item | | |
| 2026 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| Jefferson St, Oakland Ave, Grant St | \$189,000 | Oakland-Grant St;Madison St-Adams St; Madison St-Jefferson St |
| Elmside Blvd, Sommers Ave, Center Ave | \$39,000 | Atwood Ave-Oakridget Ave; Miller Ave-Elmside Blvd; Miller Ave-Elmside Blvd |
| Maher Ave, Douglas Trl | \$151,000 | Pflaum Rd-tompkins Dr, Joylynne-Camden Rd |
| Norman Way, Wood Cir | \$39,000 | University Ave-Lake Mendota Dr; Norman Way-North End |
| Reiner Rd | \$1,605,000 | Standing Butte Rd-Pegasus Pl |
| Lake View Ave, Hanover St, West Ln, East Ln | \$189,000 | West End-Sherman Ave; Lake View Ave-Drewry Ln; Lake View Ave-North End; |
| MacArthur Rd, Larson Ct, Sycamore Ave, MacArthur Ct | \$189,000 | E Wash Ave-South End; MacArthur Rd-West End; MacArthur-500' East, MacArthur Rd-North End |
| 2026 Hydraulic Improvements | \$130,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |
| <input type="checkbox"/> Insert item | | |
| 2027 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| Yahara Pl, Walton Pl, Russell St | \$151,000 | Walton Pl-Dunning St; Rutledge St-Yahara Pl; Rutledge St-Yahara Pl |
| Groveland ter, Crestview Dr, Herro Ln, Dixie Ln | \$114,000 | Tompkins Dr-Crestview Dr, Indian Trce-Herro Ln, Tompkins Dr-Crestview Dr, Crestview Dr-Glenview Dr |
| Reindahl Ave, Schmedeman Ave, Rowland Ave, Graceland Ave, Ridgeway Ave | \$151,000 | E Washington Ave-Gracelnd Ave, Reindahl Ave-Rowland Ave |
| S Franklin Ave | \$114,000 | Regent St-Hammersley Ave |
| Hickory St | \$151,000 | W Olin Ave-Pine St |
| Merrill Springs Rd | \$264,000 | Flambeau Rd-Lake Mendota Dr |
| Old Sauk Rd | \$491,000 | Pleasant View Rd-Schewe Rd |
| 2027 Hydraulic Improvements | \$303,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |
| <input type="checkbox"/> Insert item | | |
| 2028 Projects | | |
| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
| Capital Ave | 755,000 | University Ave-Lake Mendota Dr |
| S Hillside Ter | 189,000 | Regent St-Bagley Pkwy |
| 2028 Hydraulic Improvements | 1,133,000 | Unallocated System Improvements/MWU Crew Projects (City-Wide) |
| <input type="checkbox"/> Insert item | | |

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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?

Yes No

Facilities/land maintenance?

Yes No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

0.00

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|-------|-------------|-------------|
| | | |

Save

Submit

Notes

Notes:

Save and Close

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Meter and Fixed Network Program"/> |
| Project Number | <input type="text" value="12340"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="17"/> |
| 2023 Project Number | <input type="text" value="14167"/> | | |

Description

This program is for the water meter and fixed network advanced metering infrastructure (AMI) improvements. The program identifies projects via the State Public Service Commission (PSC) requirement for a prescribed schedule of meter replacement and testing. The goal of the program is to maximize the accuracy of the municipal services statements issued to customers. Progress will be measured by comparing the meter maintenance against the respective prescribed schedules as well as monitoring the total non-revenue water volume.

Does the project/program description require updates? If yes, please include below.

This program is for water meter and fixed network advanced metering infrastructure (AMI) improvements. The goal of the program is to provide accurate consumption data for billing purposes. Progress will be measured by comparing the meter accuracy testing results against the Public Service Commission of Wisconsin rules and regulations as well as monitoring the total non-revenue water volume.

Please change the description to the wording above.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

The Meter and Fixed Network Program allows for responsible stewardship of our local water resource by facilitating conservation of water pumped, consumed and lost. Acquiring real time and accurate water consumption data ensures accurate municipal services billing to all customers and allows customers to monitor consumption practices to make educated decisions on their water use habits.

Other Strategic Plans:

Does the 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 No

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 No

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.

The Public Service Commission of Wisconsin requires all utilities to test and/or change all meters on a scheduled basis. Madison Water Utility is allowed to test on a random basis due to our AMI system. Therefore, the testing and changing of meters is not predetermined by the Water Utility.

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

Climate Resilience and Sustainability

Does this project/program improve the city's climate resilience or sustainability by addressing climate change impacts, reducing Yes No

GHG emissions, improving energy efficiency, growing a climate-friendly economy, or reducing the environmental impact of city assets or operations?

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

2016-2021 Actuals **2022 Budget**

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Reserves Applied | 526,000 | 539,000 | 552,000 | 566,000 | 580,000 | 595,000 |
| Total | \$526,000 | \$539,000 | \$552,000 | \$566,000 | \$580,000 | \$595,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Machinery and Equipment | 526,000 | 539,000 | 552,000 | 566,000 | 580,000 | 595,000 |
| Total | \$526,000 | \$539,000 | \$552,000 | \$566,000 | \$580,000 | \$595,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|---|-----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | \$316,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | \$158,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | \$52,000 | Meters to be installed city-wide |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|---|-----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | \$323,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | \$162,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | \$54,000 | Meters to be installed city-wide |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|---|-----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | \$331,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | \$166,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | \$55,000 | Meters to be installed city-wide |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|---|-----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | \$340,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | \$170,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | \$56,000 | Meters to be installed city-wide |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|---|-----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | \$348,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | \$174,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | \$58,000 | Meters to be installed city-wide |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|---|----------|----------------------------------|
| 5/8", 3/4" & 1" Meter Purchase/Set/Change | 357,000 | Meters to be installed city-wide |
| 1.5" & 2" Meter Purchase/Set/Change | 179,000 | Meters to be installed city-wide |
| 3" and Larger Meter Purchase/Set/Change | 59,000 | Meters to be installed city-wide |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.?
 Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Utility Facility Improvements"/> |
| Project Number | <input type="text" value="10440"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="16"/> |
| 2023 Project Number | <input type="text" value="14166"/> | | |

Description

This program is for repairing and upgrading Water Utility facilities. The goal of the program is to maintain the facilities for reliable service and reducing emergency repairs. Progress is measured by tracking the number of emergency calls, facility outages, and accidents each year. Funding in 2022 is for SCADA system upgrades and expansion, fiber optic installation and upgrade, deep well variable frequency drive (VFD) installs, facility safety and security upgrades, and other miscellaneous upgrades.

Does the project/program description require updates? If yes, please include below.

Remove the last sentence.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

Provides for MWU facility improvements necessary in providing sufficient clean drinking water to City of Madison residents.

Other Strategic Plans:

Does the 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 No

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 helps to advance Water's Asset Management Plan. The goal of this program is to maintain the facilities for reliable service and reducing emergency repairs.

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 No

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.

MWU formalized its Asset Management Program with the development of a Strategic Asset Management Plan. SAMP principles guide MWU to consistently meet our established level of service goals at sustainable and responsible asset lifecycle costs and acceptable levels of risk. The plan is structured to incorporate racial equity as one component in a project's triple bottom line score. All water utility customers benefit from the transparent, data-driven process plan and prioritize capital project spending. Projects are driven by MWU Board policies and City, State, and Federal regulatory guidelines set by, for example the Wisconsin DNR and the PSC of Wisconsin.

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

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 Yes No

assets or operations?

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

2016-2021 Actuals **2022 Budget**

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Reserves Applied | 1,513,000 | 1,857,000 | 1,638,000 | 1,405,000 | 1,447,000 | 1,490,000 |
| Total | \$1,513,000 | \$1,857,000 | \$1,638,000 | \$1,405,000 | \$1,447,000 | \$1,490,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Machinery and Equipment | 593,000 | 480,000 | 463,000 | 478,000 | 493,000 | 509,000 |
| Building | 920,000 | 1,377,000 | 1,175,000 | 927,000 | 954,000 | 981,000 |
| Total | \$1,513,000 | \$1,857,000 | \$1,638,000 | \$1,405,000 | \$1,447,000 | \$1,490,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| SCADA System Upgrades | \$28,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | \$120,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | \$110,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | \$101,000 | Various Water Utility Sites |
| Site Upgrades | \$166,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | \$100,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | \$600,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | \$100,000 | Various Water Utility Sites |
| Miscellaneous Facility Upgrade Projects | \$100,000 | Various Water Utility Sites |
| Copier at Olin | \$20,000 | 119 E. Olin |
| VFD Installs & MCC Upgrades | \$68,000 | Various Unit Wells and Booster Pump Stations |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|---|-----------|--|
| SCADA System Upgrades | \$29,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | \$50,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | \$100,000 | Various Unit Wells and Booster Pump Stations |
| VFD Installs & MCC Upgrades | \$50,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | \$80,000 | Various Water Utility Sites |
| Site Upgrades | \$171,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | \$428,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | \$618,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | \$103,000 | Various Water Utility Sites |

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|---|-----------------|--|
| Miscellaneous Facility Upgrade Projects | \$103,000 | Various Water Utility Sites |
| GPS | \$125,000 | Various Water Utility Sites |
| <input type="checkbox"/> Insert item | | |
| 2025 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| SCADA System Upgrades | \$30,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | \$52,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | \$103,000 | Various Unit Wells and Booster Pump Stations |
| VFD Installs & MCC Upgrades | \$52,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | \$50,000 | Various Water Utility Sites |
| Site Upgrades | \$176,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | \$51,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | \$637,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | \$106,000 | Various Water Utility Sites |
| Miscellaneous Facility Upgrade Projects | \$106,000 | Various Water Utility Sites |
| Flooring and Furniture at Olin | \$275,000 | 119 E Olin Ave |
| <input type="checkbox"/> Insert item | | |
| 2026 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| SCADA System Upgrades | \$31,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | \$54,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | \$106,000 | Various Unit Wells and Booster Pump Stations |
| VFD Installs & MCC Upgrades | \$54,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | \$52,000 | Various Water Utility Sites |
| Site Upgrades | \$181,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | \$53,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | \$656,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | \$109,000 | Various Water Utility Sites |
| Miscellaneous Facility Upgrade Projects | \$109,000 | Various Water Utility Sites |
| <input type="checkbox"/> Insert item | | |
| 2027 Projects | | |
| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
| SCADA System Upgrades | \$32,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | \$56,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | \$109,000 | Various Unit Wells and Booster Pump Stations |
| VFD Installs & MCC Upgrades | \$56,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | \$54,000 | Various Water Utility Sites |
| Site Upgrades | \$186,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | \$54,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | \$676,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | \$112,000 | Various Water Utility Sites |
| Miscellaneous Facility Upgrade Projects | \$112,000 | Various Water Utility Sites |
| <input type="checkbox"/> Insert item | | |
| 2028 Projects | | |
| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
| SCADA System Upgrades | 33,000 | Various Unit Wells and Booster Pump Stations |
| Fiber Optic System Installation and Upgrades | 58,000 | Various Unit Wells and Booster Pump Stations |
| Control & Instrumentation Replacements/Upgrades | 112,000 | Various Unit Wells and Booster Pump Stations |

| Project Name | Est Cost | Location |
|---|----------|--|
| VFD Installs & MCC Upgrades | 58,000 | Various Unit Wells and Booster Pump Stations |
| Cybersecurity Upgrades | 56,000 | Various Water Utility Sites |
| Site Upgrades | 192,000 | Various Unit Wells and Booster Pump Stations |
| Various Paterson & Olin Building/Site Improvements | 55,000 | 110 S Paterson and 119 E. Olin |
| Unexpected Well & Booster Station Mechanical Failures | 696,000 | Various Unit Wells and Booster Pump Stations |
| Facility Safety and Security Upgrades | 115,000 | Various Water Utility Sites |
| Miscellaneous Facility Upgrade Projects | 115,000 | Various Water Utility Sites |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

Ver 1 03142022

Save and Close

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Utility Vehicles & Equipment"/> |
| Project Number | <input type="text" value="12339"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Other"/> | Priority: | <input type="text" value="18"/> |
| 2023 Project Number | <input type="text" value="14168"/> | | |

Description

This program is for the annual vehicle and equipment replacements and additions. Replacement schedules are based on age and mileage of the vehicles and equipment. The goal of this program is to provide reliable vehicles and equipment for Water Utility's operations. Progress will be measured by the frequency of vehicle breakdowns and actual useful life obtained. In 2022, funds will be used to purchase four new vehicles, a new towable lift, and other various tools and equipment, as well as modernize mapping and service equipment.

Does the project/program description require updates? If yes, please include below.

Remove the last sentence.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

By replacing aging vehicles with new electric or gas powered vehicles in the future, we will help to reduce carbon emissions and improve gas mileage. It will also reduce maintenance costs, and length of time vehicles are out of service.

Other Strategic Plans:

Does the 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 No

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 is part of our Asset Management plan. MWU maintains a list of all vehicles and equipment in our maintenance management system FASTER. Vehicles and equipment are replaced based on the year purchased, miles driven, and overall condition to maintain safe and reliable vehicles and equipment for our employees.

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 No

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.

By replacing aging vehicles and equipment with new electric or gas powered vehicles in the future, we will help reduce carbon emissions and improve gas mileage. This will also reduce maintenance costs, and length of time vehicles are out of service.

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

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 No

If yes, describe how.

By replacing aging vehicles and equipment with new electric or gas powered vehicles in the future, we will help reduce carbon emissions and improve gas mileage. This will also reduce maintenance costs, and length of time vehicles are out of service.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

2016-2021 Actuals **2022 Budget**

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|------------------|------------------|------------------|------------------|------------------|------------------|
| Reserves Applied <input type="text" value="v"/> | 754,000 | 701,000 | 813,000 | 690,000 | 702,000 | 681,000 |
| Total | \$754,000 | \$701,000 | \$813,000 | \$690,000 | \$702,000 | \$681,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--|------------------|------------------|------------------|------------------|------------------|------------------|
| Machinery and Equipment <input type="text" value="v"/> | 754,000 | 701,000 | 813,000 | 690,000 | 702,000 | 681,000 |
| Total | \$754,000 | \$701,000 | \$813,000 | \$690,000 | \$702,000 | \$681,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|--|-----------|---------------------------------|
| W-51A | \$31,000 | 119 E Olin Ave |
| W-89 | \$110,000 | 110 S Paterson |
| W-31A | \$35,000 | 119 E Olin Ave |
| W-76A | \$50,000 | 119 E Olin Ave |
| LT3-Ferris Mower | \$17,000 | 110 S Paterson |
| W-43 V Box Spreader | \$17,000 | 110 S Paterson |
| EV Chargers | \$20,000 | 119 E Olin Ave & 110 S Paterson |
| Shore Replacement Box, Parts, and Supplies | \$30,000 | 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Various large tools and equipment | \$21,000 | 119 E Olin Ave & 110 S Paterson |
| W-4A | \$200,000 | 110 S Paterson |
| W-84A | \$155,000 | 110 S Paterson |
| Welder | \$40,000 | 110 S Paterson |
| Mapping & Survey Equipment Replacement | \$13,000 | 119 E Olin Ave |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|--------------|-----------|---------------------------------|
| W-24B | \$160,000 | 110 S Paterson |
| W-71A | \$200,000 | 110 S Paterson |
| W-10A | \$110,000 | 110 S Paterson |
| W-29A | \$30,000 | 119 E Olin Ave |
| W-78A | \$110,000 | 110 S Paterson |
| EV Chargers | \$20,000 | 119 E Olin Ave & 110 S Paterson |

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|---------------------------------|
| Shore Replacement Box, Parts, and Supplies | \$21,000 | 110 S Paterson |
| Various large tools and equipment | \$21,000 | 119 E Olin Ave & 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Mapping & Survey Equipment Replacement | \$14,000 | 119 E Olin Ave & 110 S Paterson |

Insert item

2025 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|---------------------------------|
| W-1A | \$110,000 | 110 S Paterson |
| W-8A | \$120,000 | 110 S Paterson |
| W-48B | \$165,000 | 110 S Paterson |
| W-69B | \$60,000 | 110 S Paterson |
| W-85 | \$60,000 | 110 S Paterson |
| W-17A | \$35,000 | 119 E Olin Ave |
| W-75B | \$60,000 | 110 S Paterson |
| Mapping & Survey Equipment Replacement | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Shore Replacement Box, Parts, and Supplies | \$31,000 | 110 S Paterson |
| Various large tools and equipment | \$22,000 | 119 E Olin Ave & 110 S Paterson |
| Drivable lift | \$120,000 | 110 S Paterson |

Insert item

2026 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|---------------------------------|
| W-79A | \$40,000 | 110 S Paterson |
| W-103 | \$60,000 | 110 S Paterson |
| W-12A | \$130,000 | 110 S Paterson |
| W-101 | \$60,000 | 119 E Olin Ave |
| W-9A | \$115,000 | 110 S Paterson |
| W-34A | \$210,000 | 110 S Paterson |
| Mapping & Survey Equipment Replacement | \$16,000 | 119 E Olin Ave & 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Shore Replacement Box, Parts, and Supplies | \$22,000 | 110 S Paterson |
| Various large tools and equipment | \$22,000 | 119 E Olin Ave & 110 S Paterson |

Insert item

2027 Projects

| <i>Project name</i> | <i>Est Cost</i> | <i>Location</i> |
|--|-----------------|---------------------------------|
| W-30A | \$65,000 | 110 S Paterson |
| W-39A | \$50,000 | 110 S Paterson |
| W-5B | \$120,000 | 110 S Paterson |
| W-25B | \$175,000 | 110 S Paterson |
| W-61B | \$215,000 | 110 S Paterson |
| Mapping & Survey Equipment Replacement | \$16,000 | 119 E Olin Ave & 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | \$15,000 | 119 E Olin Ave & 110 S Paterson |
| Shore Replacement Box, Parts, and Supplies | \$23,000 | 110 S Paterson |
| Various large tools and equipment | \$23,000 | 119 E Olin Ave & 110 S Paterson |

Insert item

2028 Projects

| <i>Project Name</i> | <i>Est Cost</i> | <i>Location</i> |
|---------------------|-----------------|-----------------|
| W-95A | 130,000 | 110 S Paterson |
| W-16A | 130,000 | 110 S Paterson |

| Project Name | Est Cost | Location |
|--|----------|---------------------------------|
| W-55B | 130,000 | 110 S Paterson |
| W-60A | 45,000 | 119 E Olin Ave |
| W-57A | 125,000 | 110 S Paterson |
| W-74A | 40,000 | 119 E Olin Ave |
| Mapping & Survey Equipment Replacement | 17,000 | 119 E Olin Ave & 110 S Paterson |
| Various small equipment replacements over the \$5,000 capitalization threshold | 16,000 | 119 E Olin Ave & 110 S Paterson |
| Shore Replacement Box, Parts, and Supplies | 24,000 | 110 S Paterson |
| Various large tools and equipment | 24,000 | 119 E Olin Ave & 110 S Paterson |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

Over the next six years, will the project/program require any of the following IT resources? Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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? Yes No

Facilities/land maintenance? Yes No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Notes

Notes:

Save and Close

2023 Capital Improvement Plan Program Budget Proposal

Identifying Information

| | | | |
|----------------------------|--|----------------------|---|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Water Valve Cut-In Program"/> |
| Project Number | <input type="text" value="12387"/> | Project Type | <input type="text" value="Program"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="21"/> |
| 2023 Project Number | <input type="text" value="14171"/> | | |

Description

This program is for installing new valve cut-ins to the existing water infrastructure. The goal of this program is to eliminate areas of the city where water service is negatively impacted during water system maintenance and repair. Success is measured by a reduction in complaints from customers for impacted service.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element:

Strategy

Describe how this project/program advances the Citywide Element:

Meeting established water supply regulations and goals is essential to renewing and maintaing critical infrastructure. Reducing the number of unplanned water outages will increase the reliability of our system and our customers' confidence in our system.

Other Strategic Plans:

Does the project/program advance goals in a Citywide agenda or strategic plan other than Imagine Madison (e.g. Yes No Climate Forward, Housing Forward, Metro Forward, Vision Zero)?

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 fits into our Asset management plan by adding new valves into the system to eliminate areas of the the city where water service is negatively impacted during water system maintenance and repair.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The goal of this program is to add valves to the system where needed to reduce the number of customers impacted by unplanned outages due to repair and maintenance systemwide.

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.

Monitoring the current water infrastructure and analyzing where the system would benefit from installing additional valves.

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

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 No

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2021

2016-2021 Actuals 2022 Budget

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Reserves Applied | 40,000 | 42,000 | 44,000 | 46,000 | 47,000 | 48,000 |
| Total | \$40,000 | \$42,000 | \$44,000 | \$46,000 | \$47,000 | \$48,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Water Network | 40,000 | 42,000 | 44,000 | 46,000 | 47,000 | 48,000 |
| Total | \$40,000 | \$42,000 | \$44,000 | \$46,000 | \$47,000 | \$48,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

2023 Projects

| Project Name | Est Cost | Location |
|--------------------|----------|-----------|
| 2023 Cut-in Valves | \$40,000 | City-wide |

Insert item

2024 Projects

| Project Name | Est Cost | Location |
|--------------------|----------|-----------|
| 2024 Cut-in Valves | \$42,000 | City-wide |

Insert item

2025 Projects

| Project name | Est Cost | Location |
|--------------------|----------|-----------|
| 2025 Cut-in Valves | \$44,000 | City-wide |

Insert item

2026 Projects

| Project name | Est Cost | Location |
|--------------------|----------|-----------|
| 2026 Cut-in Valves | \$46,000 | City-wide |

Insert item

2027 Projects

| Project name | Est Cost | Location |
|--------------------|----------|-----------|
| 2027 Cut-in Valves | \$47,000 | City-wide |

Insert item

2028 Projects

| Project Name | Est Cost | Location |
|--------------------|----------|-----------|
| 2028 Cut-in Valves | 48,000 | City-wide |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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

Yes No

Electronic hardware that will be connected to a City device in any manner, including wireless, bluetooth, NFC, etc.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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?

Yes No

Facilities/land maintenance?

Yes No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Save

Submit

Notes

Notes:

Save and Close

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|-------------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Well 19 Iron and Manganese Filter ▼ |
| Project Number | 10448 | Project Type | Project |
| Project Category | Utility | Priority: | 1 ▼ |

Description

This project is for a new iron, manganese, and radium treatment system at Well 19 located on Lake Mendota Drive on the City's west side. The goal of this project is to improve water quality in the area. Progress will be measured by the change in iron, manganese, and radium concentrations, which currently do not meet Madison Water Utility standards. Funding in 2023 is for construction.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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.

Yes, the project fits into both the Utility's Master Plan and Asset Management Plan. The project supports the Housing Forward initiative in that it ensures the provision of safe, high quality water to residents within the Well 19 service area. It supports the Climate Forward agenda in that one component of the project will replace 50-year old motors with new more energy efficient motors and will add energy-saving variable frequency drives to the new motors where there were none before.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The project's objective is to improve the water quality of Well 19 water by removing iron, manganese and radium from the source water. These naturally-occurring contaminants are present to varying degrees in the aquifer that supplies the City's water. Iron, manganese and radium at Well 19 are all close to the EPA's primary (radium) or secondary standards (iron and manganese) for these contaminants.

Well 19 is located on the University of Wisconsin campus near the Eagle Heights student housing complex. This well supplies water to a large area of Madison's near west side including the University of Wisconsin and University of Wisconsin Hospital campuses. Because water is supplied to all customers within a given service area without regard to race, income, gender, age, home language, etc., any improvements to the well's water quality would equally benefit those customers.

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.

Data on the service area of Well 19 was obtained from the Utility's hydraulic model.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

If yes, describe how.

Yes, the project improves climate resilience and sustainability through the replacement of 50-year old pump motors with new, more energy efficient motors and the addition of energy-saving variable frequency drives to the new motors where there were none before.

Budget Information

Prior Appropriation* **2016-2022 Actuals**
*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|--|-------------|----------|------|------|------|------|
| Borrowing - Revenue Bonds <input type="text" value="v"/> | 8,116,000 | 81,000 | | | | |
| Total | \$8,116,000 | \$81,000 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---|-------------|----------|------|------|------|------|
| Building <input type="text" value="v"/> | 8,116,000 | 81,000 | | | | |
| Total | \$8,116,000 | \$81,000 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

2023 Status

| Status/Phase | Est Cost | Description |
|---|-------------|----------------------------------|
| Construction/Implement <input type="text" value="v"/> | \$8,116,000 | Start construction on the filter |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|---|----------|--------------------------------|
| Construction/Implementer <input type="text" value="v"/> | \$81,000 | Additional Water Utility labor |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------------------------|----------|-------------|
| <input type="text" value="v"/> | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------------------------|----------|-------------|
| <input type="text" value="v"/> | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------------------------|----------|-------------|
| <input type="text" value="v"/> | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------------------------|----------|-------------|
| <input type="text" value="v"/> | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in Yes No

[MGO Sec. 23.63\(2\)](#).

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|---------------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Well 27 Iron & Manganese Mitigation ▼ |
| Project Number | 14025 | Project Type | Project |
| Project Category | Utility | Priority: | 4 ▼ |

Description

Elevated levels of iron and manganese at Well 27 exceed Water Utility Board Standards and need to be addressed. In addition, radium levels periodically exceed the EPA Safe Drinking Water limit. Vertical aquifer profiling will seek to identify strata causing the elevated contaminant levels and determine whether well reconstruction is a viable alternative to wellhead treatment.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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 project is included in the Master Plan and the long term CIP.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The proposed work at Well 27 seeks to improve drinking water quality by removing iron and manganese which discolor water for all of the residents that are served by Well 27.

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.

A triple bottom line approach will evaluate social, environmental, and economic factors to prioritize the order of completion for these projects in our long-term CIP. Equity and social justice will be important determinants.

Is the proposed budget or budget change related to a recommendation from a Neighborhood Resource Team (NRT)?

Yes No

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 No

If yes, describe how.

It will indirectly improve things by improving water quality from these wells and over the long term it will reduce the amount of annual flushing, and the associated pumping and treatment of this non-revenue water.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|-----------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 63,000 | 0 | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|-----------------|------------|------------|------------|------------|------------|
| Machinery and Equipment | 63,000 | 0 | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

18 N Randall Ave

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|--|
| Planning | \$63,000 | Engineering services to evaluate the water quality of the well |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | \$0 | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

[IT New Software Request Form](#)

Yes No

Have you submitted an IT project request form?

[IT Project Request Form](#)

Yes No

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

[Agency Capital Materials](#)

Yes No

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

[Surveillance Budget Request Attachment](#)

Yes No

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|---------------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Well 28 Iron & Manganese Mitigation ▼ |
| Project Number | 17604 | Project Type | Project |
| Project Category | Utility | Priority: | 5 ▼ |

Description

Elevated levels of iron and manganese at Well 28 exceed Water Utility Board standards and need to be addressed. Vertical aquifer profiling will seek to identify strata causing the elevated contaminate levels and determine whether well reconstruction is a viable alternative to wellhead treatment.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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 project is included in the Master Plan and the long term CIP.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The proposed work at Well 28 seeks to improve drinking water quality by removing iron and manganese which discolor water for all of the residents that are served by Well 28.

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.

A triple bottom line approach will evaluate social, environmental, and economic factors to prioritize the order of completion for these projects in our long-term CIP. Equity and social justice will be important determinants.

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

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 No

If yes, describe how.

It will indirectly improve water quality from these wells over the long term will reduce the amount of annual flushing, and the associated pumping and treatment of this non-revenue water.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|-----------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 63,000 | | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|-----------------|------------|------------|------------|------------|------------|
| Machinery and Equipment | 63,000 | 0 | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

8210 Old Sauk Road

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|--|
| Planning | \$63,000 | Engineering services to evaluate the water quality of the well |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | \$0 | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|-----------------|----------------------|---------------------------------------|
| Agency | Water Utility ▼ | Proposal Name | Well 30 Iron & Manganese Mitigation ▼ |
| Project Number | 17603 | Project Type | Project |
| Project Category | Utility | Priority: | 6 ▼ |

Description

Elevated levels of iron and manganese at Well 30 exceed Water Utility board Standards and need to be addressed. Vertical aquifer profiling will see to identify strata causing the elevated contaminant levels and determine whether well reconstruction is a viable alternative to wellhead treatment.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient ▼

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water. ▼

Describe how this project/program advances the Citywide Element:

Meeting established water quality regulations and goals is essential to renewing and maintaining critical infrastructure.

Other Strategic Plans:

Does the 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 No

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 project is included in the Master Plan and the long term CIP.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

The proposed work at Well 30 seeks to improve drinking water quality by removing iron and manganese which discolor water for all of the residents that are served by Well 30.

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.

A triple bottom line approach will evaluate social, environmental, and economic factors to prioritize the order of completion for these projects in our long-term CIP. Equity and social justice will be important determinants.

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

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 No

If yes, describe how.

It will indirectly improve things by improving water quality from these wells and over the long term it will reduce the amount of annual flushing, and the associated pumping and treatment of this non-revenue water.

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|-----------------|------------|------------|------------|------------|------------|
| Borrowing - Revenue Bonds | 63,000 | 0 | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|-------------------------|-----------------|------------|------------|------------|------------|------------|
| Machinery and Equipment | 63,000 | 0 | | | | |
| Total | \$63,000 | \$0 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

What is the location of the project?

1133 Moorland Rd

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|---|
| Planning | \$63,000 | Engineering services to evaluate the water quality of the water at different points in the well |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | \$0 | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|--|----------------------|--|
| Agency | <input type="text" value="Water Utility"/> | Proposal Name | <input type="text" value="Westside Water Supply"/> |
| Project Number | <input type="text" value="12439"/> | Project Type | <input type="text" value="Project"/> |
| Project Category | <input type="text" value="Utility"/> | Priority: | <input type="text" value="Select..."/> |

Description

The City Planning Department is projecting significant development pressure on the far west side of the City over the next 20 years. System water demands coupled with system reliability requirements indicate a water supply deficiency exists on the far west side. Development projections will result in this west side water supply deficiency growing to the point it becomes critical by the year 2040. This project will investigate the ways and means of addressing the water supply shortage on the far west side now. Alternatives will include but will not be limited to; a new well; pumping water from other areas of the system; and optimization of operation. Planning and investigation will commence in 2027 with the project completion by 2032.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

| | |
|--------------------------|--|
| Citywide Element: | <input type="text" value="Green and Resilient"/> |
| Strategy | <input type="text" value="Protect Madison's water supply and infrastructure to provide safe clean drinking water."/> |

Describe how this project/program advances the Citywide Element:

This project will evaluate and propose mitigation strategies in order to meet established Utility Level-of-Service related to water supply and system capacity.

Other Strategic Plans:

Does the 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 No

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 City Planning Department is projecting significant development pressure on the far west side of the City over the next 20 years. System water demands coupled with system reliability requirements indicate a water supply deficiency exists on the far west side. Development projections will result in this west side water supply deficiency growing to the point it becomes critical by the year 2040. This project will investigate the ways and means of addressing the water supply shortage on the far west side now. Alternatives will include but will not be limited to; a new well; pumping water from other areas of the system; and optimization of operation.

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 No

For projects/programs that are not specifically focused on maintenance and repair, what specific inequities does this program intend to address? How and for whom?

This project funds water supply improvements needed to strengthen distribution system capacity, improve pressures & fire protection, allow transfer of water between system zones, and serve new developments beyond the extent of the existing service area in compliance with City of Madison development policies and all applicable neighborhood development plans. New water infrastructure projects may include assessable improvements or connection fees, so project location related to Environmental Justice Areas is a consideration for balancing project cost vs. project need.

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 are coordinated amongst all City Public Works agencies and local representatives/public improvement needs. The objective is to fairly distribute improvements City-wide and balance improvements to include work within Environmental Justice Areas and Neighborhood Development Plans whenever possible, and minimize project cost impacts which may create financial burdens in lower income areas.

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

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 No

Budget Information

Prior Appropriation*

*Based on Fiscal Years 2016-2022

2016-2022 Actuals

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------|------|------|------|-----------|-------------|
| Borrowing - Revenue Bonds | | | | | 153,000 | 2,370,000 |
| Total | \$0 | \$0 | \$0 | \$0 | \$153,000 | \$2,370,000 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------|------|------|------|-----------|-------------|
| Water Network | | | | | 153,000 | 2,370,000 |
| Total | \$0 | \$0 | \$0 | \$0 | \$153,000 | \$2,370,000 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped?

Yes No

2023 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|--------------|----------|-------------|
| | | |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|--------------|-----------|----------------------------------|
| Planning | \$153,000 | Engineering well siting services |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|------------------------|-------------|--|
| Construction/Implement | \$2,370,000 | Engineering services and pipeline improvements |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.?

Yes No

Software (either local or in the cloud)?

Yes No

A new website or changes to an existing sites?

Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form?

Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form?

Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder.

Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative?

Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder?

Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#).

Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder?

Yes No

[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs?

Yes No

External management or consulting contracts?

Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2023 Capital Improvement Plan Project Budget Proposal

Identifying Information

| | | | |
|-------------------------|----------------|----------------------|-------------------------|
| Agency | Water Utility | Proposal Name | Wilson St (MLK to King) |
| Project Number | 11543 | Project Type | Project |
| Project Category | Transportation | Priority: | Select... |

Description

This project is for replacing the pavement on Wilson Street from Martin Luther King Jr Boulevard to King Street. The goal of this project is to improve the pavement rating, which is currently 4 of 10, and enhance the pedestrian and bicycle facilities along the corridor. The project's scope will construct a new cycle track along Wilson Street. Construction is planned for 2024. Funding shown reflects the Water Utility component of the project.

Does the project/program description require updates? If yes, please include below.

Alignment with Strategic Plans and Citywide Priorities

Citywide Element: Green and Resilient

Strategy Protect Madison's water supply and infrastructure to provide safe clean drinking water.

Describe how this project/program advances the Citywide Element:

This program repairs/or replaces existing undersized or deteriorated water mains to meet established Utility Level-of-Service for water main infrastructure.

Other Strategic Plans:

Does the 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 No

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 proposed MWU budget allows for minor valve/hydrant improvements and the abandonment and transfer of service connections from an existing 6-IN water main to an existing parrallel 16-IN water main.

Major Project Description (City Engineering Division): This project is for replacing the concrete on Wilson Street from Martin Luther King Jr Boulevard to King Street. The goal of this project is to improve the pavement rating which is currently 4 of 10. Construction is planned for 2024.

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 No

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.

The new cycle track will greatly enhance bicycle mobility in the downtown. MWU costs are distributed amongst the entire Utility customer base.

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

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 No

Budget Information

Prior Appropriation* \$0 **2016-2022 Actuals** \$0

*Based on Fiscal Years 2016-2022

Budget by Funding Source

| Funding Source | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------------------|------|-----------|------|------|------|------|
| Borrowing - Revenue Bonds | | 157,000 | | | | |
| Total | \$0 | \$157,000 | \$0 | \$0 | \$0 | \$0 |

Insert Funding Source

If TIF or Impact Fee funding source, which district(s)?

Budget by Expenditure Type

| Expense Type | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
|---------------|------|-----------|------|------|------|------|
| Water Network | | 157,000 | | | | |
| Total | \$0 | \$157,000 | \$0 | \$0 | \$0 | \$0 |

Insert Expense Type

Explain any changes from the 2022 CIP in the proposed funding for this project/program.

Project Schedule & Location

Can this project be mapped? Yes No

What is the location of the project?

2023 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2024 Status

| Status/Phase | Est Cost | Description |
|--------------------------|-----------|-----------------------|
| Construction/Implementer | \$157,000 | Pipeline Improvements |

Insert item

2025 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2026 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2027 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

2028 Status

| Status/Phase | Est Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item

Operating Costs

Projects/Programs with a technological component will be required to follow City of Madison information technology policies and procedures for software/hardware acquisition and project support by IT staff. Answer the following questions below and upload relevant supplemental materials to your agency's SharePoint folder.

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.? Yes No

Software (either local or in the cloud)? Yes No

A new website or changes to an existing sites? Yes No

For projects/programs requesting new software/hardware:

Have you submitted a Software/Hardware Request form? Yes No

[IT New Software Request Form](#)

Have you submitted an IT project request form? Yes No

[IT Project Request Form](#)

Have you worked with IT to complete an IT Budget Analysis form? If yes, please upload your agency's capital SharePoint folder. Yes No

Changes to existing hardware/ software:

Will any existing software or processes need to be modified to support this project/program or initiative? Yes No

If yes, have you uploaded a plan for incorporating those changes to your agency's capital SharePoint folder? Yes No

[Agency Capital Materials](#)

Surveillance Technology:

Do you believe any of the hardware or software to be considered surveillance technology? Surveillance technology is defined in [MGO Sec. 23.63\(2\)](#). Yes No

If yes, have you submitted the surveillance request form to your agency's capital SharePoint folder? Yes No
[Surveillance Budget Request Attachment](#)

Other Operating Costs

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 No

Vehicle setup or maintenance costs? Yes No

External management or consulting contracts? Yes No

How many additional FTE positions required for ongoing operations of this project/program?

Estimate the project/program annual operating costs by major.

| Major | Annual Cost | Description |
|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> |

Insert item