# Capital Improvement Plan (CIP) Overview

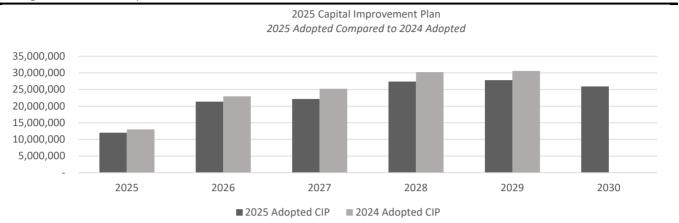
Budget Phase: Adopted

Summary Table

	2025	2026	2027	2028	2029	2030
Booster Pump Station #213						
Lakeview Reconstruction	-	-	-	-	2,100,000	-
Booster Pump Station 128						
Upgrade	-	-	1,100,000	-	-	-
Chlorinators & Florinators						
Program	40,000	50,000	50,000	60,000	60,000	63,000
High						
Point/Raymond/MidTown	20,000	1,000,000	-	-	-	1,800,000
Milwaukee Street	-	-	-	-	-	1,000,000
New Water Facility Planning	-	-	-	-	1,500,000	-
Park Street, South	40,000	-	735,000	-	-	-
Regent Street	40,000	1,305,000	-	-	-	-
Unit Well 12 Conversion to a						
Two Zone Well	800,000	4,000,000	-	-	-	-
Unit Well Rehab Program	382,000	393,000	405,000	417,000	430,000	451,500
Water Hydrants Program	424,000	437,000	450,000	464,000	476,000	499,800
Water Mains - New	102,000	106,000	445,000	750,000	750,000	257,000
Water Mains Replacement	6,088,000	10,049,000	11,320,000	18,000,000	18,000,000	17,000,000
Water Meter and Fixed						
Network Program	552,000	566,000	580,000	595,000	610,000	640,500
Water Utility Facility						
Improvements	2,195,000	2,385,000	2,457,000	2,530,000	2,606,000	2,736,300
Water Utility Vehicles &						
Equipment	1,295,000	995,000	1,065,000	1,000,000	1,225,000	1,420,000
Water Valve Cut-In Program	66,000	68,000	70,000	72,000	74,000	77,700
Well 27 Iron & Manganese						
Mitigation	-	-	3,500,000	3,500,000	-	-
	\$ 12,044,000	\$ 21,354,000	\$ 22,177,000	\$ 27,388,000	\$ 27,831,000	\$ 25,945,800

# Capital Improvement Plan (CIP) Overview

## Changes from 2024 Adopted CIP



# Description of Major Changes

Booster Pump Station #213 Lakeview Reconstruction

• No major changes compared to 2024 Adopted CIP.

### Booster Pump Station 218 Upgrade

• No major changes compared to 2024 Adopted CIP.

## Chlorinators & Florinators Program

• No major changes compared to 2024 Adopted CIP.

### High Point/Raymond/MidTown

- Project schedule and funding changed. \$1.1 million in Expense Depreciation in 2028 was replaced by \$20,000 in Reserves
  Applied in 2025 for design, and \$1.0 million and \$1.8 million in Revenue Bonds in 2026 and 2030, respectively, for
  construction.
- The project increased by \$1.7 million to include Phase 2, Marty Road to High Point. The funding source was changed to allow for greater flexibility as Expense Depreciation can only be used for water main replacements and not new water mains. The project was moved forward to stay in sync with City Engineering work.
- This project was included in the 2024 CIP as "High Point/Raymond/Mid Town" (Project #12454). It has been updated to Project #15401 to reflect the multiple phases of work which are planned for 2026 and 2030 construction.

#### Milwaukee Street

• New project. Adopted Budget includes \$1.0 million in Expense Depreciation in 2030.

#### **New Water Facility Planning**

Project funding source changed from \$1.5 million in State Sources in 2029 to \$1.5 million in Reserves Applied in 2029. The
anticipated project will be new pipeline for a new water facility which is more appropriately funded by reserves than by the
state funds which are a loan.

## Capital Improvement Plan (CIP) Overview

## Description of Major Changes (Continued)

#### Park Street, South

- Project schedule changed and total funding increased from \$509,000 in 2026 to \$40,000 in 2025 for design and \$735,000 in 2027 for construction due to an increase in costs as the project scope has developed. This reflects a 52.3% increase.
- Project name changed from "Park Street, South (Olin to RR)" to "Park Street, South."

### Regent Street

• New project. Adopted Budget includes \$40,000 in 2025 and \$1.3 million in 2026 in Expense Depreciation.

#### Unit Well 12 Conversion to a Two Zone Well

• Project budget decreased by \$200,000 (20%) in State Sources in 2025 to reflect expected design costs.

### Unit Well Rehab Program

· No major changes compared to 2024 Adopted CIP.

#### Water Hydrants Program

No major changes compared to 2024 Adopted CIP.

#### Water Mains - New

• Program budget decreased by \$10.1 million (82.5%) in Reserves Applied from 2025 to 2029 based on revised estimates and updated information.

#### Water Mains Replacement

Program budget decreased \$436,000 (0.8%) in Expense Depreciation and \$3.2 million (23.1%) in Reserves Applied from 2025 to 2029 based on revised estimates and updated information.

### Water Meter and Fixed Network Program

No major changes compared to 2024 Adopted CIP.

## Water Utility Facility Improvements

 Program budget decreased by \$121,000 (5.2%) in 2025 to offset increased vehicle costs in the Water Utility Vehicles & Equipment program.

## Water Utility Vehicles & Equipment

 Program budget increased by \$1.4 million in Reserves Applied and decreased by \$37,500 in Federal Sources from 2025 to 2029 due to the rising costs of vehicles and delays in delivery. This reflects a 32.2% increase.

#### Water Valve Cut-In Program

• No major changes compared to 2024 Adopted CIP.

### Well 27 Iron & Manganese Mitigation

· No major changes compared to 2024 Adopted CIP.

## John Nolen Drive

 Project removed from 2025 Adopted Budget due to the Water Utility not participating in the construction contract. The 2024 Adopted CIP included \$30,000 in Expense Depreciation in 2025.

# Summary of Expenditures and Revenues

# 2025 CIP by Expenditure Type

	2025	2026	2027	2028	2029	2030
Building	2,350,000	5,720,000	1,773,000	1,826,000	3,980,000	1,974,300
Machinery and						
Equipment	2,914,000	2,669,000	3,884,000	2,776,000	3,051,000	3,337,000
Water Network	6,780,000	12,965,000	16,520,000	22,786,000	20,800,000	20,634,500
	\$ 12.044.000	\$ 21.354.000	\$ 22.177.000	\$ 27.388.000	\$ 27.831.000	\$ 25.945.800

# 2025 CIP by Funding Source

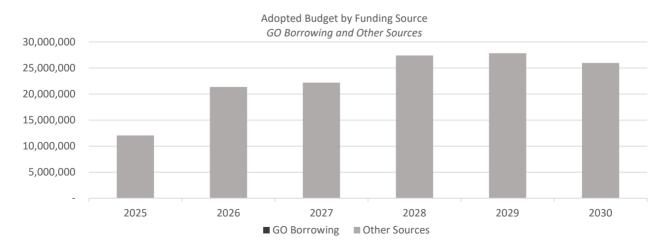
	2025	2026	2027	2028	2029	2030
Reserves Applied	6,204,000	6,394,000	7,577,000	8,888,000	10,731,000	8,145,800
Revenue Bonds	-	1,000,000	-	-	-	2,800,000
State Sources	800,000	4,000,000	4,600,000	3,500,000	2,100,000	-
Water Expense						
Depreciation	5,040,000	9,960,000	10,000,000	15,000,000	15,000,000	15,000,000
	\$ 12.044.000	\$ 21.354.000	\$ 22.177.000	\$ 27.388.000	\$ 27.831.000	\$ 25,945,800

# **Borrowing Summary**

		2025	2026	2027	2028	2029	2030
General Fund GO							
Borrowing		-	-	-	-	-	-
Non-General Fund GO							
Borrowing		-	-	-	-	-	-
	Ś	- Ś	- Ś	- Ś	- Ś	- Ś	-

## Annual Debt Service

	2025		2020	6	2027	7	2028	}	202	9	2030
General Fund GO											
Borrowing	-		-		-		-		-		-
Non-General Fund GO											
Borrowing	-		-		-		-		-		-
	\$ _	Ś	_	ς.	_	Ś	_	ς.	_	\$	_



# Carryforward General Obligation Borrowing

	Unused Appropriation	
	Authority	Borrowing
11984 ATWOOD AVE RECONSTRUCTION	100,782	-
13838 BLAIR ST	49,478	-
12441 BPS #213 RECONSTRUCT	500,000	-
17607 BUS RAPID TRANSIT PROGRAM	159,999	-
12386 CHLORINATORS & FLORINATORS PROGRAM	84,886	-
13013 CTH AB INTERCHANGE	58,449	-
13835 CTH M	192,571	-
11543 E WILSON ST AND E DOTY ST	641,000	-
12454 HIGH POINT RD AND RAYMOND RD	35,000	-
15322 JOHN NOLEN DR	30,000	-
14697 NEW WATER FACILITY PLANNING	800,000	-
10540 PAVEMENT MANAGEMENT	2,324,458	-
10284 PLEASANT VIEW ROAD	40,437	-
14004 PRESSURE ZONE RESILIENCY	312,722	-
10226 RECONSTRUCTION STREETS	1,491,865	-
11133 S PARK ST (OLIN TO RR)	21,000	-
12503 STREETS YARD IMPROVEMENTS	500,000	-
10944 UNIT WELL NO. 8 RECONSTRUCTION	25,000	-
11168 UNIVERSITY AVE (SHOREWOOD-UNIV BAY)	13,251	-
10448 UW19 IRON & MANGANESE FILTER	612,036	-
14205 UW27 IRON & MANGANESE FILTER	63,000	-
11892 WATER MAIN REPLACE PIPE LINING	283,553	-
11893 WATER MAIN REPLACEMENT	3,648,000	-
12507 WATER MAINS NEW	111,800	-
10440 WATER UTILITY FACILITY IMPROVEMENTS	4,706,474	-
12385 WATER UTILITY HYDRANTS PROGRAM	453,365	-
12340 WATER UTILITY METER PROGRAM	657,795	-
12341 WATER UTILITY UW REHAB PROGRAM	644,319	-
12339 WATER UTILITY VEHICLE PROGRAM	1,395,685	-
12387 WATER VALVE CUT-IN PROGRAM	81,495	-
11900 WELL 14 MITIGATION	897,868	
17604 WELL 28 IRON AND MANGANESE FILTER	63,000	
17603 WELL 30 IRON AND MANGANESE FILTER	63,000	
	\$ 21,062,289	\$ -

## Project & Program Details

Project	Booster Pump Station #213 Lakeview Reconstruction	Project #	12441
Citywide Element	Green and Resilient	Project Type	Project

#### **Project 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.

	2025	2026	2027	2028	2029	2030
State Sources	-	-	-	-	2,100,000	-
Total	\$ -	\$ -	\$ -	\$ -	\$ 2,100,000	\$ -

Project	Booster Pump Station 128 Upgrade	Project #	12442
Citywide Element	Green and Resilient	Project Type	Project

### **Project Description**

Pressure Zone 11 on the far west side is experiencing development pressure and growth. 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 gallons per minute (gpm) to 1,400 gpm to 2,100 gpm. Design and construction is scheduled in 2027.

	2025	2026	2027	2028	2029	2030
State Sources	-	-	1,100,000	-	-	-
Total	\$ -	\$ -	\$ 1,100,000	\$ -	\$ -	\$ -

ProjectChlorinators & Florinators ProgramProject #12386Citywide ElementGreen and ResilientProject TypeProgram

## **Project 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.

	2025	2026	2027	2028	2029	2030
Reserves Applied	40,000	50,000	50,000	60,000	60,000	63,000
Total	\$ 40,000 \$	50,000 \$	50,000 \$	60,000 \$	60,000 \$	63,000

## Project & Program Details

ProjectHigh Point/Raymond/MidTownProject #15401Citywide ElementGreen and ResilientProject TypeProject

#### **Project Description**

This project funds the construction of a realignment of Raymond and Mid Town Roads as included in the High Point Raymond Neighborhood Development Plan. The project also includes a multi use path, stormwater improvements and an extension of High Point Road. Construction is to be completed in phases. Funding in 2025 is for real estate acquisition and 2026 is for the first phase of construction on High Point Road.

	2025	2026	2027	2028	2029	2030
Revenue Bonds	-	1,000,000	-	-	-	1,800,000
Reserves Applied	20,000	-	-	-	-	-
Total	\$ 20,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ 1,800,000

ProjectMilwaukee StreetProject #14716Citywide ElementGreen and ResilientProject TypeProject

### **Project Description**

This project funds a new water main extension at the east end of Milwaukee Street in 2030.

	2025	2026	2027	2028	2029	2030
Revenue Bonds	-	-	-	-	-	1,000,000
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000

ProjectNew Water Facility PlanningProject #14697Citywide ElementGreen and ResilientProject TypeProject

# **Project Description**

This project funds investigation into the ways and means of addressing the City's future water supply shortages to combat significant development pressure within parts of the City over the next 20 years. Alternatives will include but will not be limited to: a new well, pumping water from other areas of the system, and optimization of operations.

Total	Ś	-	Ś	_	Ś	_	Ś	_	\$ 1.500.000 \$	-
Reserves Applied		-		-		-		-	1,500,000	-
		2025		2026		2027		2028	2029	2030

# Project & Program Details

Project	Park Street, South	Project #	11133
Citywide Element	Green and Resilient	Project Type	Project

#### **Project Description**

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 accommodation of the roadway reconstruction project. Design is planned to continue in 2025 and construction is planned for 2027.

		2025	2026	2027	2028		2029	2030
Water Expense								
Depreciation		40,000	-	735,000	-		-	-
Total	\$	40,000 \$	-	\$ 735,000	\$ -	\$	-	\$ -
Project	Pogo	nt Street				Proje	ct #	15233
,	•					,		
Citywide Element	Gree	n and Resilier	ιτ			Proje	ct Type	Project

#### **Project Description**

Full water main replacement between Randall and S Park Street. Design work will start in 2025 and construction will occur in 2026.

		2025		2026		2027	2028		2029	2030
Water Expense										
Depreciation		40,000		1,305,000		-	-		-	-
Total	\$	40,000	\$	1,305,000	\$	-	\$ -	\$	-	\$ -
Project	Unit	Well 12 Co	nve	rsion to a Tw	o Zo	one Well		Proje	ect#	10452
Citywide Element	Gree	n and Resil	lient	t				Proje	ct Type	Project

## **Project 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 2025 is for design and the start of construction.

Total	Ś	800.000	Ś	4.000.000	Ś	-	Ś	-	Ś	-	Ś	_
State Sources		800,000		4,000,000		-		-		-		-
		2025		2026		2027		2028		2029		2030

## Project & Program Details

ProjectUnit Well Rehab ProgramProject #12341Citywide ElementGreen and ResilientProject TypeProgram

#### **Project Description**

This program is for the 10 year unit well upgrade projects as recommended by the Wisconsin Department of Natural Resources. 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.

Total	\$ 382,000	\$ 393,000	\$ 405,000	\$ 417,000	\$ 430,000	\$ 451,500
Reserves Applied	382,000	393,000	405,000	417,000	430,000	451,500
	2025	2026	2027	2028	2029	2030

ProjectWater Hydrants ProgramProject #12385Citywide ElementNeighborhoods and HousingProject TypeProgram

#### **Project 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.

Total	Ś	424.000	Ś	437.000	Ś	450.000	Ś	464.000	Ś	476.000	Ś	499.800
Reserves Applied		424,000		437,000		450,000		464,000		476,000		499,800
		2025		2026		2027		2028		2029		2030

ProjectWater Mains - NewProject #12507Citywide ElementGreen and ResilientProject TypeProgram

#### **Project 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, working with City Engineering as needed. Newly installed mains include hydraulic improvements consistent with the Water Utility Master Plan.

Total	Ś	102.000	Ś	106.000	\$ 445.000	Ś	750.000	Ś	750,000	Ś	257.000
Reserves Applied		102,000		106,000	445,000		750,000		750,000		257,000
		2025		2026	2027		2028		2029		2030

## Project & Program Details

ProjectWater Mains ReplacementProject #11893Citywide ElementGreen and ResilientProject TypeProgram

#### **Project 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 and Pavement Management program. The goal of the program is to update the water infrastructure, diminishing the risk of pipe failure and to extend the useful life of the pipes at a lower cost than replacing the pipe. As for the pipe lining portion of this project it measures the miles of pipe rehabilitated using the lining method. 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.

	2025	2026	2027	2028	2029	2030
Water Expense						
Depreciation	4,960,000	8,655,000	9,265,000	15,000,000	15,000,000	15,000,000
Reserves Applied	1,128,000	1,394,000	2,055,000	3,000,000	3,000,000	2,000,000
Total	\$ 6,088,000	\$ 10,049,000	\$ 11,320,000	\$ 18,000,000	\$ 18,000,000	\$ 17,000,000

ProjectWater Meter and Fixed Network ProgramProject #12340Citywide ElementGreen and ResilientProject TypeProgram

#### **Project Description**

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.

Total	\$ 552,000	\$ 566,000	\$ 580,000	\$ 595,000	\$ 610,000	\$ 640,500
Reserves Applied	552,000	566,000	580,000	595,000	610,000	640,500
	2025	2026	2027	2028	2029	2030

ProjectWater Utility Facility ImprovementsProject #10440Citywide ElementGreen and ResilientProject TypeProgram

## **Project 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 2025 is for fiber optic system installations and upgrades, control and instrumentation replacements and upgrades, cybersecurity upgrades, upgrading GPS system, and other miscellaneous upgrades.

Total	\$ 2,195,000	\$ 2,385,000	\$ 2,457,000	\$ 2,530,000	\$ 2,606,000	\$ 2,736,300
Reserves Applied	2,195,000	2,385,000	2,457,000	2,530,000	2,606,000	2,736,300
	2025	2026	2027	2028	2029	2030

## **Project & Program Details**

Project	Water Utility Vehicles & Equipment	Project #	12339
Citywide Element	Green and Resilient	Project Type	Program

#### **Project 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 2025, funds will be used for two backhoes, a valve turning truck, four pickups, a dump truck, a Honda Fit, a Ford Transit, and other miscellaneous equipment.

Total	\$ 1.295.000 \$	995.000 S	1.065.000 S	1.000.000 \$	1.225.000 S	1.420.000
Reserves Applied	1,295,000	995,000	1,065,000	1,000,000	1,225,000	1,420,000
	2025	2026	2027	2028	2029	2030

Project	Water Valve Cut-In Program	Project #	12387
Citywide Element	Green and Resilient	Project Type	Program

### **Project 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.

Total	Ś	66.000 S	68.000 S	70.000 S	72.000 S	74.000 S	77.700
Reserves Applied		66,000	68,000	70,000	72,000	74,000	77,700
		2025	2026	2027	2028	2029	2030

Project	Well 27 Iron & Manganese Mitigation	Project #	14025
Citywide Element	Green and Resilient	Project Type	Project

#### **Project Description**

This project will address elevated levels of iron and manganese at Well 27 which exceed Water Utility Board Standards. In addition, radium levels periodically exceed the EPA Safe Drinking Water limit. The goal of the project is to identify strata causing the elevated contaminant levels and determine whether well reconstruction is a viable alternative to wellhead treatment.

Total	Ś	-	Ś	-	Ś	3.500.000	Ś	3,500,000	Ś	-	Ś	-
State Sources		-		-		3,500,000		3,500,000		-		-
		2025		2026		2027		2028		2029		2030

# 2025 Appropriation Schedule

# 2025 Appropriation

Ado	pted	Bud	get

				1 0	
	Reques	Executive	GO Borrowing	Other	Total
Chlorinators & Florinators Program	40,000	40,000	-	40,000	40,000
High Point/Raymond/MidTown	20,000	20,000	-	20,000	20,000
Park Street, South	-	40,000	-	40,000	40,000
Regent Street	40,000	40,000	-	40,000	40,000
Unit Well 12 Conversion to a Two Zone Well	800,000	800,000	-	800,000	800,000
Unit Well Rehab Program	382,000	382,000	-	382,000	382,000
Water Hydrants Program	424,000	424,000	-	424,000	424,000
Water Mains - New	102,000	102,000	-	102,000	102,000
Water Mains Replacement	6,088,000	6,088,000	-	6,088,000	6,088,000
Water Meter and Fixed Network Program	552,000	552,000	-	552,000	552,000
Water Utility Facility Improvements	2,195,000	2,195,000	-	2,195,000	2,195,000
Water Utility Vehicles & Equipment	1,295,000	1,295,000	-	1,295,000	1,295,000
Water Valve Cut-In Program	66,000	66,000	-	66,000	66,000
	\$ 12,004,000	\$ 12,044,000	\$ -	\$ 12,044,000	\$ 12,044,000