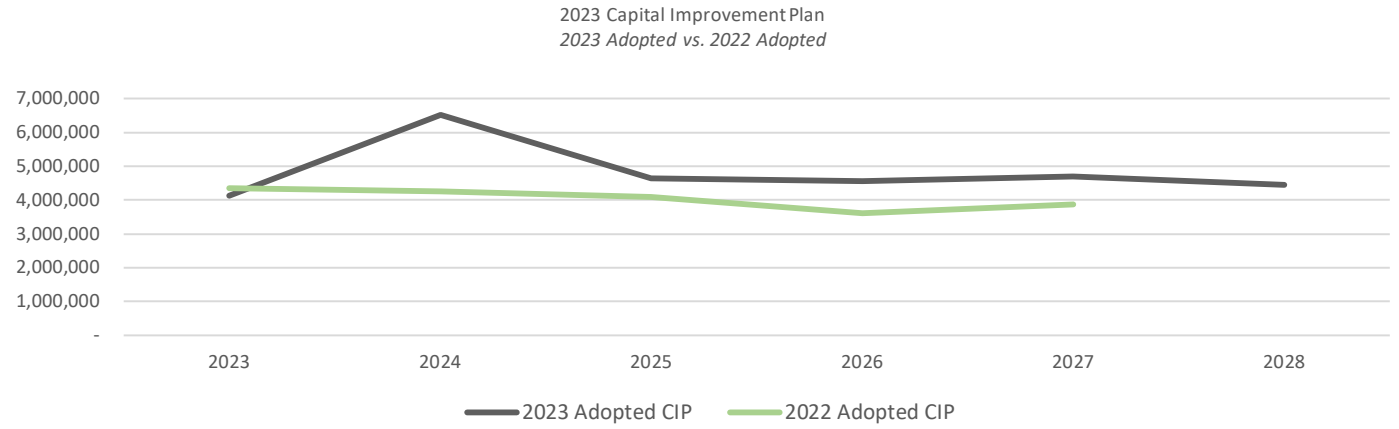
Capital Improvement Plan

Project Summary: Adopted

	2023	2024	2025	2026	2027	2028
Audiovisual Systems	325,000	208,000	175,000	177,000	180,000	183,000
Camera Lifecycle Management	165,000	210,000	46,000	6,000	235,000	22,000
Database Lifecycle Management	150,000	300,000	150,000	150,000	150,000	150,000
Digital Accessibility & Engagement	125,000	330,000	301,000	306,000	295,000	295,000
Digital Workplace	1,100,000	1,050,000	1,375,000	1,130,000	1,245,000	1,200,000
Enterprise Business Solutions	150,000	1,815,000	175,000	125,000	125,000	125,000
Fiber and Wireless Network	690,500	837,000	887,000	1,037,000	925,000	928,000
Network Operations & Infrastructure Life	972,000	1,513,000	1,177,000	1,280,000	1,185,000	1,189,000
Property Assessment System	100,000	-	-	-	-	-
Security, Risk, and Compliance	350,000	253,000	356,000	358,000	360,000	363,000
	$ 4,127,500	**$ 6,516,000**	**$ 4,642,000**	**$ 4,569,000**	**$ 4,700,000**	**$ 4,455,000**

Changes from 2022 CIP



Major Changes

- Audiovisual Systems
    - Increase budget by $125k in 2023 to add videoconferencing equipment to various rooms across the City to support hybrid meetings
- Camera Lifecycle Management
    - New program added in 2023 to support the replacement and maintenance of the City's digital security cameras and the City's traffic cameras
- Database Lifecycle Management
    - Decrease 2023 budget by $200k and increase 2024 budget by $225k to represent updated project timeline and cost estimates for the data warehouse project
    - Increase annual budget from $75k to $150k per year from 2025 - 2028 to better reflect anticipated costs
- Digital Accessibility & Engagement
    - Decrease 2023 budget by $235k compared to 2022 Adopted Budget due to change in scope for end of life replacements for Media Team
- Digital Workplace
    - Transition project and funding from "Workstation Equipment Lifecycle Management" to Digital Workplace program
- Enterprise Business Solutions
    - Increase 2024 Budget by $1.7m for three significant cloud migration projects including the City's enterprise resource planning (ERP) software, licensing and permitting management system, and timesheet software
- Fiber and Wireless Network
    - Increase 2023-2027 budget by $1.9m to reflect increasing costs, partially driven by inflation, additional consultant costs for managing the network, and timeline of network upgrades
- Network Operations & Infrastructure Lifecycle Management
    - Decrease by $300k in 2023 due to cost savings from purchases made in 2021 and 2022
- Property Assessment System
    - Add $100k in 2023 based on bids received from RFP

Budget Overview

2023 CIP by Expenditure Type

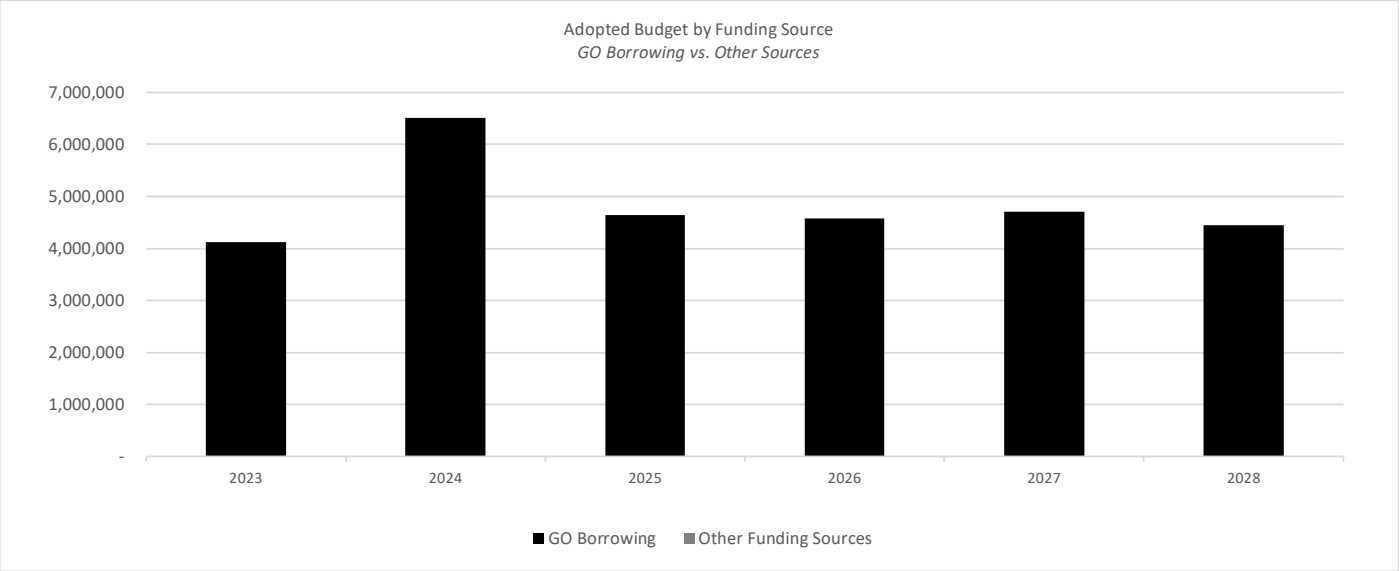
	2023	2024	2025	2026	2027	2028
Fiber Network	411,500	450,000	528,000	665,000	550,000	550,000
Machinery and Equipment	2,199,000	2,853,000	2,617,800	2,490,800	2,663,000	2,442,600
Other	1,317,000	1,513,000	1,246,200	1,163,200	1,237,000	1,212,400
Software and Licenses	200,000	1,700,000	250,000	250,000	250,000	250,000
Total Expenditures	**$ 4,127,500**	**$ 6,516,000**	**$ 4,642,000**	**$ 4,569,000**	**$ 4,700,000**	**$ 4,455,000**

2023 CIP by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	4,127,500	6,516,000	4,642,000	4,569,000	4,700,000	4,455,000
Total Funding	**$ 4,127,500**	**$ 6,516,000**	**$ 4,642,000**	**$ 4,569,000**	**$ 4,700,000**	**$ 4,455,000**

Borrowing Summary

	2023	2024	2025	2026	2027	2028
Borrowing Schedule						
General Fund GO Borrowing	4,127,500	6,516,000	4,642,000	4,569,000	4,700,000	4,455,000
Non-General Fund GO Borrowing	-	-	-	-	-	-
Total GO Borrowing	**$ 4,127,500**	**$ 6,516,000**	**$ 4,642,000**	**$ 4,569,000**	**$ 4,700,000**	**$ 4,455,000**
Annual Debt Service						
General Fund GO Borrowing	536,575	847,080	603,460	593,970	611,000	579,150
Non-General Fund GO Borrowing	-	-	-	-	-	-



Carry Forward GO Borrowing

	Unused Appropriation Authority	Reauthorized GO Borrowing
13535 AUDIOVISUAL SYSTEMS	260,000	-
13534 CAMERA MANAGEMENT SYSTEM	750,000	750,000
12413 DATABASE INFRASTRUCTURE	305,758	100,000
17231 DCR CASE MANAGEMENT	7,600	-
12417 DIGITAL ACCESSIBILITY & ENGAGEMENT	299,756	-
13537 DIGITAL WORKPLACE	242,045	-
12467 DISASTER RECOVERY PLAN IT	155,849	-
13806 ELECTION EQUIPMENT TOWN OF MADISON	315	-
12418 ENTERPRISE BUSINESS SOLUTIONS	315,275	-
10042 ENTERPRISE FINANCIAL SYSTEM	814,689	431,904
17404 FIBER AND WIRELESS	307,488	-
17400 HARDWARE/SOFTWARE UPGRADES	57	-
17523 LEARNING MANAGEMENT SYSTEM	100,000	-
17521 LEGISLATIVE MANAGEMENT SYSTEM	246,608	-
13086 MICROSOFT 365	250,000	250,000
12412 NETWORK & OPERATIONS INFRASTRUCTURE	1,170,297	400,000
10043 PROPERTY ASSESSMENT SYSTEM	853,808	-
17403 PURCHASED SOFTWARE ENHANCEMENTS	115	-
17401 SECURITY, RISK AND COMPLIANCE	303,911	-
17049 TAX SYSTEM REPLACEMENT	20,714	50,000
12411 WORKSTATION EQUIP LIFECYCLE MNGMNT	455,964	-
	$ 6,860,248	**$ 1,981,904**

Project Overview

Project	**Audiovisual Systems**	Project #	**13535**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program funds audiovisual products and systems, including flat panel displays, digital signage, projectors, videoconferencing products, and AV recording devices for training, collaborative conferencing, information displays, remote control monitoring, and Boards, Commission, and Committee meetings. The goal of this program is to improve digital inclusion, creating more opportunities for residents to access City services, engage in City government through technology, and expand digital collaboration options for City staff. Projects planned for 2023 include videoconferencing equipment installation for City spaces, remote monitoring and control for hybrid spaces, and replacement AV equipment.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	325,000	208,000	175,000	177,000	180,000	183,000
TOTAL	**$ 325,000**	**$ 208,000**	**$ 175,000**	**$ 177,000**	**$ 180,000**	**$ 183,000**

Project	**Camera Lifecycle Management**	Project #	**14356**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program supports the replacement and maintenance of the City's digital security cameras and the City's traffic cameras. The goal of this program is to maintain a strong and secure digital camera network. The funding allocation will be distributed between Information Technology to support the City's digital security cameras and Traffic Engineering to support the City's traffic cameras.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	165,000	210,000	46,000	6,000	235,000	22,000
TOTAL	**$ 165,000**	**$ 210,000**	**$ 46,000**	**$ 6,000**	**$ 235,000**	**$ 22,000**

Project	**Database Lifecycle Management**	Project #	**12413**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program maintains the City's database infrastructure, hardware, software, licensing, upgrades, and tools. The goal of this program is to maintain a strong and secure technology infrastructure backbone. Projects planned for 2023 include SQL licensing expansion and a Data Warehouse Consultant.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	150,000	300,000	150,000	150,000	150,000	150,000
TOTAL	**$ 150,000**	**$ 300,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**	**$ 150,000**

Project	**Digital Accessibility & Engagement**	Project #	**12417**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program develops and supports new technology and online systems, which improve accessibility and interaction with City services. The City's Government Access Television Channel, Madison City Channel, is also a key component of improving digital inclusion and resident engagement. The goal of this program is to improve digital inclusion, creating more opportunities for residents to access City services and engage in City government through technology. Projects planned for 2023 include the Media Team's hardware and software end-of-life replacements and streaming system upgrades.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	125,000	330,000	301,000	306,000	295,000	295,000
TOTAL	**$ 125,000**	**$ 330,000**	**$ 301,000**	**$ 306,000**	**$ 295,000**	**$ 295,000**

Project	**Digital Workplace**	Project #	**13537**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

The "Workstation Equipment Lifecycle Management" capital program included in the 2022 adopted budget is being combined with the Digital Workplace program. This program funds increased access to shared online services, opportunities for flexible collaboration, and continuing the transition of modernizing paper-based processes to digital processes to meet the needs of City employees, business and community partners, and Madison residents. The goal of this program is to support the growing digital workplace as the City's working environments are constantly evolving. Projects planned for 2023 include annual workstation and peripheral replacements.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	1,100,000	1,050,000	1,375,000	1,130,000	1,245,000	1,200,000
TOTAL	**$ 1,100,000**	**$ 1,050,000**	**$ 1,375,000**	**$ 1,130,000**	**$ 1,245,000**	**$ 1,200,000**

Project	**Enterprise Business Solutions**	Project #	**12418**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program supports enterprise-wide systems in order to support the City's growing digital workplace. The goal of this program is to support the increasing number of shared online services and opportunities for flexible collaboration and to continue the transition of modernizing paper-based processes to digital processes to meet the needs of our employees, business and community partners, and Madison residents. Projects planned for 2023 include a Cloud Migration Strategy Consultant and Digital Signature Platform.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	150,000	1,815,000	175,000	125,000	125,000	125,000
TOTAL	**$ 150,000**	**$ 1,815,000**	**$ 175,000**	**$ 125,000**	**$ 125,000**	**$ 125,000**

Project	**Fiber and Wireless Network**	Project #	**17404**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program expands the City's high-speed fiber optic network. The goal of this program is to improve service delivery through interconnectivity and redundancy to City facilities by expanding the fiber optic infrastructure. The Fiber and Wireless Program supports the IT strategic priority of growing and strengthening our technology infrastructure and operations. Building and maintaining a strong, well-connected fiber network furthers the work of all City agencies' goals and initiatives. Projects planned for 2023 include Mills and bike path to W Washington and Railroad splice case, fiber engineering for 2024 projects, fiber maintenance/break fixes, and a fiber consultant.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	690,500	837,000	887,000	1,037,000	925,000	928,000
TOTAL	**$ 690,500**	**$ 837,000**	**$ 887,000**	**$ 1,037,000**	**$ 925,000**	**$ 928,000**

Project	**Network Operations & Infrastructure Lifecycle Managemen**	Project #	**12412**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program maintains the City's data network, data storage, systems hosting, backups, and internet access, while minimizing downtime to City operations. The goal of this program is to maintain a strong and secure technology infrastructure backbone. Projects planned for 2023 include server licensing and server separation.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	972,000	1,513,000	1,177,000	1,280,000	1,185,000	1,189,000
TOTAL	**$ 972,000**	**$ 1,513,000**	**$ 1,177,000**	**$ 1,280,000**	**$ 1,185,000**	**$ 1,189,000**

Project	**Property Assessment System**	Project #	**10043**
Citywide Element	**Effective Government**	Project Type	**Project**

Project Description

This project is for the purchase of a new computer system for property assessments, specifically property data management, sales analysis, and property valuation. The goal of the project is to replace an obsolete system from the mid-1990's with a modern system that combines all assessment functions into one integrated program utilized by the City's Assessor's Office. The project scope includes the purchase, deployment, and integration with the City's GIS mapping and other enterprise systems. A vendor for the project was selected through an RFP in 2022, and funding in 2023 is for the final phases of implementation. The anticipated go live date for the system is 2023.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	100,000	-	-	-	-	-
TOTAL	**$ 100,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Project	**Security, Risk, and Compliance**	Project #	**17401**
Citywide Element	**Effective Government**	Project Type	**Program**

Project Description

This program protects the information contained, processed, or transmitted by information technology systems. This program is also responsible for developing and measuring compliance of security policies and procedures, minimizing risk through implementation of effective technical, administrative, and physical security controls. The goal of this program is to reduce the City's overall risk of security incidents to a moderate level or below. The Security, Risk, & Compliance Program supports the IT strategic priority of upholding a strong and secure technology infrastructure. A secure technology environment allows the City to operate safely and efficiently. By centering work on security, IT and other City agencies proactively protect the City's resources from evolving cybersecurity threats. Projects planned for 2023 include a security vulnerability assessment, Multi-factor Authentication, AD Review/Enhancements, and a Privilege Access Management Consultant.

Project Budget by Funding Source

	2023	2024	2025	2026	2027	2028
GF GO Borrowing	350,000	253,000	356,000	358,000	360,000	363,000
TOTAL	**$ 350,000**	**$ 253,000**	**$ 356,000**	**$ 358,000**	**$ 360,000**	**$ 363,000**

2023 Appropriation Schedule

2023 Appropriation — Adopted Budget

	Request	Executive	GO Borrowing	Other	Total
311/CRM System	50,000	-	-	-	-
Audiovisual Systems	325,000	325,000	325,000	-	325,000
Camera Lifecycle Management	165,000	165,000	165,000	-	165,000
Database Lifecycle Management	150,000	150,000	150,000	-	150,000
Digital Accessibility & Engagement	125,000	125,000	125,000	-	125,000
Digital Workplace	1,100,000	1,100,000	1,100,000	-	1,100,000
Enterprise Business Solutions	150,000	150,000	150,000	-	150,000
Fiber and Wireless Network	1,029,000	690,500	690,500	-	690,500
Network Operations & Infrastructure Lifecycle Management	972,000	972,000	972,000	-	972,000
Property Assessment System	100,000	100,000	100,000	-	100,000
Security, Risk, and Compliance	350,000	350,000	350,000	-	350,000
	$ 4,516,000	**$ 4,127,500**	**$ 4,127,500**	**$ -**	**$ 4,127,500**