

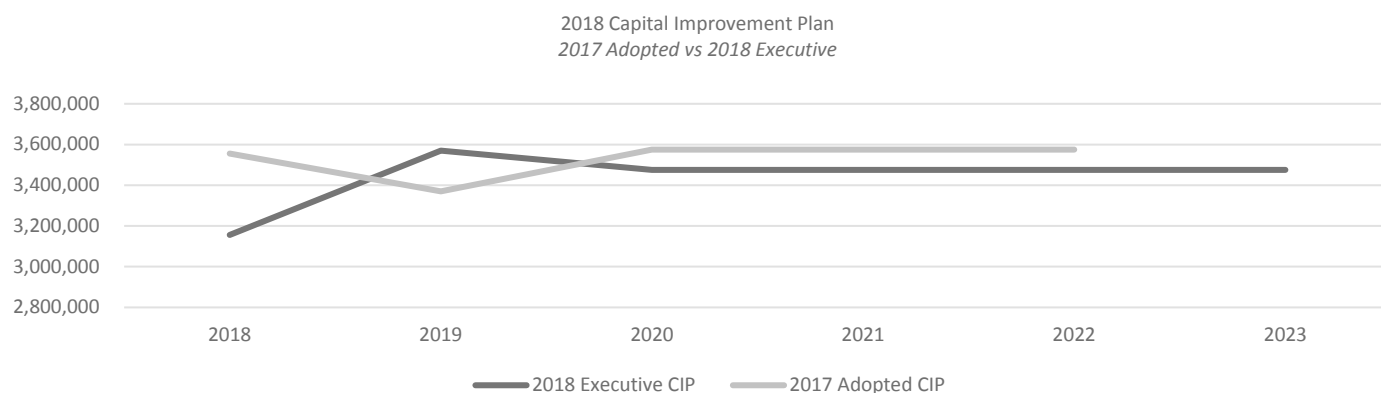
Information Technology

Capital Improvement Plan

Project Summary

	2018	2019	2020	2021	2022	2023
Expand Fiber & Wireless Network	220,000	220,000	230,000	230,000	230,000	230,000
Hardware/Software Upgrades	2,136,000	2,200,000	2,350,000	2,350,000	2,350,000	2,350,000
Mobile Computing Laptops	200,000	200,000	220,000	220,000	220,000	220,000
Network Security	250,000	250,000	275,000	275,000	275,000	275,000
Purchased Software Enhancements	300,000	400,000	400,000	400,000	400,000	400,000
Residential Internet Access Assist	50,000	-	-	-	-	-
Tax System Replacement	-	300,000	-	-	-	-
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000

Changes from 2017 CIP



- Purchased Software Enhancements: Annual budget decreased by \$100k annually (\$0.6m)
- Tax System Replacement: Deferred from 2018 to 2019 (\$0.3m)

Information Technology

Budget Overview

2018 CIP by Expenditure Type

	2018	2019	2020	2021	2022	2023
Fiber Network	220,000	220,000	230,000	230,000	230,000	230,000
Machinery and Equipment	2,232,500	2,132,500	2,170,000	2,170,000	2,170,000	2,170,000
Other	230,000	380,000	230,000	230,000	230,000	230,000
Software and Licenses	473,500	837,500	845,000	845,000	845,000	845,000
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000

2018 CIP by Funding Source

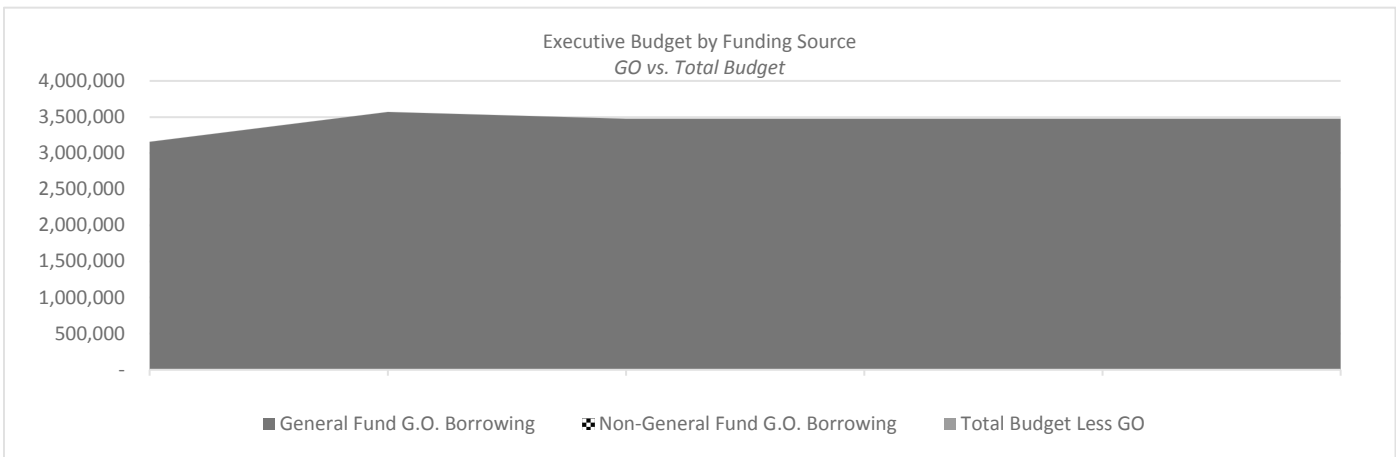
	2018	2019	2020	2021	2022	2023
GF GO Borrowing	3,156,000	3,570,000	3,475,000	3,475,000	3,475,000	3,475,000
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000

Borrowing Summary

	2018	2019	2020	2021	2022	2023
Borrowing Schedule						
General Fund G.O. Borrowing	3,156,000	3,570,000	3,475,000	3,475,000	3,475,000	3,475,000
Non-General Fund G.O. Borrowing	-	-	-	-	-	-
Total	\$ 3,156,000	\$ 3,570,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000	\$ 3,475,000

Annual Debt Service

General Fund G.O. Borrowing	410,280	464,100	451,750	451,750	451,750	451,750
Non-General Fund G.O. Borrowing	-	-	-	-	-	-



Project Neighborhood Center Connectivity Project # 10703

Project Description

This project provides fiber optic or high-speed point-to-point radio connections to community and cultural centers. The goal of the project is to allow the centers to gain access to higher speeds of broadband for community member use. Progress will be measured by the number of neighborhood facilities connected to high-speed Internet service.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	25,322	-	-	-	-	-	-
TOTAL	\$ 25,322	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Project Network Security Project # 17401

Project Description

This program funds an ongoing effort to maintain and improve the security posture of the City's computer network and the physical security of City-owned facilities, including security assessments and consulting. The goal of the program is to ensure the City's devices (desktop PCs, laptops, smartphones, tablets, etc.) and network servers are secure. Progress is measured by accessibility of City services by citizens, minimal downtime, and increased ability to prevent and mitigate cyberattacks. Funding in 2018 will provide for improved detection of network attacks and ensure that outdated security technology is replaced with more current technology.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	-	250,000	250,000	275,000	275,000	275,000	275,000
TOTAL	\$ -	\$ 250,000	\$ 250,000	\$ 275,000	\$ 275,000	\$ 275,000	\$ 275,000

Project Property Assessment System Project # 10043

Project Description

This project funds the purchase of a new computer system for the administration of property assessment functions, 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 Computer-Aided-Mass-Appraisal (CAMA) system that combines all assessment functions into one integrated program. Progress will be measured by efficiencies within and to the satisfaction of the Assessor's Office. Funding for the system was first included in the 2008 CIP, the anticipated go-live date for the system is undetermined.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	201,933	-	-	-	-	-	-
TOTAL	\$ 201,933	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Project Purchased Software Enhancements Project # 17403

Project Description

This program funds upgrades and enhancements of existing vendor-supplied software and applications supporting City operations and the purchase of additional customer licenses when necessary. The goal of this program is to have current software functionality for City staff to meet the needs of residents. Progress will be measured by feedback from City staff and residents.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	-	300,000	400,000	400,000	400,000	400,000	400,000
TOTAL	\$ -	\$ 300,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 400,000

Project Residential Internet Access Assistance Project # 10399

Project Description

This project provides funding to close the “Digital Divide” in four low-income neighborhoods: Allied Drive, Darbo/Worthington, Brentwood, and Kennedy Heights. The goal of the project is to provide digital literacy training and personal computers to residents as part of the Digital Divide Pilot Project, known as Connecting Madison. Progress will be measured by the number of residents trained and computers deployed. This project is scheduled for completion in 2018 and funding will cover the following support services through a non-profit organization: technology education, drop-in support, improvements to computer labs in community centers, PC equipment provision, preparation, and deployment, and equipment and support related to resident turnover.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	-	50,000	-	-	-	-	-
TOTAL	\$ -	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project Tax System Replacement Project # 17049

Project Description

This project funds the purchase of a new computer system for the administration of the City’s tax billing and collection processes. The goal of the project is to replace an aging and limited system developed in the mid-1990’s with a more stable platform. Progress will be measured by feedback from the Treasurer’s Office on the functionality of the system and citizen reaction to changes made in the process or bills. This project has been deferred from 2018 to 2019.

Project Budget by Funding Source

	Reauth	2018	2019	2020	2021	2022	2023
GF GO Borrowing	-	-	300,000	-	-	-	-
TOTAL	\$ -	\$ -	\$ 300,000	\$ -	\$ -	\$ -	\$ -

Information Technology

2018 Appropriation Schedule

2018 Appropriation

Executive Budget

	Request	GO Borrowing	Other	Total
Expand Fiber And Wireless Network	220,000	220,000	-	220,000
Hardware/Software Upgrades	2,136,000	2,136,000	-	2,136,000
Mobile Computing Laptops	200,000	200,000	-	200,000
Network Security	250,000	250,000	-	250,000
Purchased Software Enhancements	300,000	300,000	-	300,000
Residential Internet Access Assistance	50,000	50,000	-	50,000
Total	\$ 3,156,000	\$ 3,156,000	\$ -	\$ 3,156,000

Reauthorized Appropriation

	GO Borrowing	Other	Total
Asset Management System	-	287,460	287,460
DCR Case Management	80,000	-	80,000
Enterprise Financial System	1,166,000	-	1,166,000
Fiber To The Premises	61,000	-	61,000
Hardware/Software Upgrades	1,200,000	-	1,200,000
Municipal Court System	-	43,619	43,619
Neighborhood Center Connectivity	25,322	-	25,322
Property Assessment System	201,933	-	201,933
Total	\$ 2,734,255	\$ 331,079	\$ 3,065,334

Total 2018 Appropriation

	\$ 5,890,255	\$ 331,079	\$ 6,221,334
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