

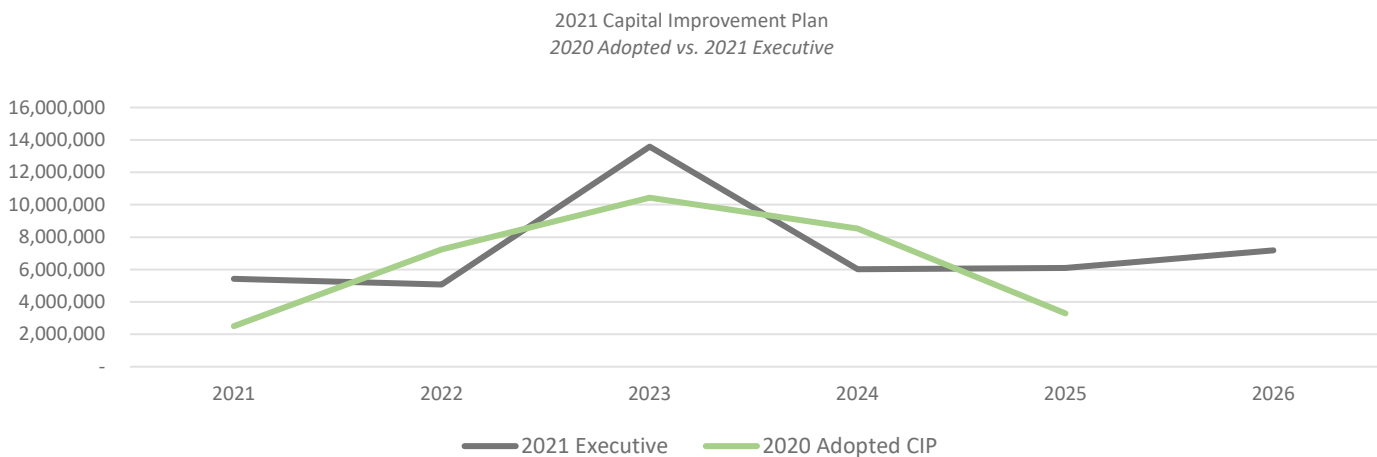
Engineering - Facilities Management

Capital Improvement Plan

Project Summary: Executive Budget

	2021	2022	2023	2024	2025	2026
CCB 1st Floor Remodel	-	-	4,350,000	-	-	-
CCB Improvements	100,000	100,000	2,060,000	100,000	100,000	100,000
Energy Improvements	2,025,000	1,981,000	2,851,000	2,656,000	2,839,000	2,870,000
Engineering Service Building Improvements	141,000	-	-	-	-	-
Fire Building Improvements	295,000	295,000	295,000	295,000	340,000	520,000
General Building Improvements	300,000	310,000	330,000	350,000	370,000	390,000
Horizon List Planning	200,000	200,000	200,000	200,000	200,000	200,000
Park Facility Improvements	1,000,000	600,000	332,500	700,000	503,000	575,000
Police Building Improvements	311,100	416,600	420,535	411,100	392,900	573,080
Sayle Street Facility Remodel	200,000	-	1,445,000	-	-	-
Streets Facility Improvements	-	500,000	450,000	450,000	500,000	1,100,000
Sustainability Improvements	850,000	671,888	850,000	850,000	850,000	850,000
Total	\$ 5,422,100	\$ 5,074,488	\$ 13,584,035	\$ 6,012,100	\$ 6,094,900	\$ 7,178,080

Changes from 2020 CIP



Major Changes

- **Agency Building Improvement Programs**
Funding for routine maintenance included in agency building improvement programs moved from agency budgets to Engineering-Facilities. Major renovations and construction of new facilities will appear in agency budgets.
Programs impacted by this change include:
 - Fire Building Improvements
 - Police Building Improvements
 - Streets Building Improvements
- **CCB 1st Floor Remodel**
Funding for construction deferred from 2022 to 2023; Planning will continue in 2021
- **CCB 4th & 5th Floor Remodel Projects**
Projects moved to Horizon List
- **Energy Improvements & Sustainability Improvements**
Program funding increased by \$9.9m over full CIP
- **General Building Improvements**
Project budget increased \$210k based on anticipated COVID-19 upgrades
- **Horizon List Planning**
Annual funding decreased by \$100k based on current Horizon List (\$200k annually)
- **Park Facility Improvements**
Tenney Park Beach Shelter added to program budget (\$1.3m)
- **Sayle Street Facility Remodel**
Project design advanced from 2022 to 2021 (\$200k)

Engineering - Facilities Management

Budget Overview

2021 CIP by Expenditure Type

	2021	2022	2023	2024	2025	2026
Building	4,347,100	4,177,600	12,509,035	4,937,100	5,019,900	6,103,080
Machinery and Equipment	25,000	25,000	25,000	25,000	25,000	25,000
Other	1,050,000	871,888	1,050,000	1,050,000	1,050,000	1,050,000
Total	\$ 5,422,100	\$ 5,074,488	\$ 13,584,035	\$ 6,012,100	\$ 6,094,900	\$ 7,178,080

2021 CIP by Funding Source

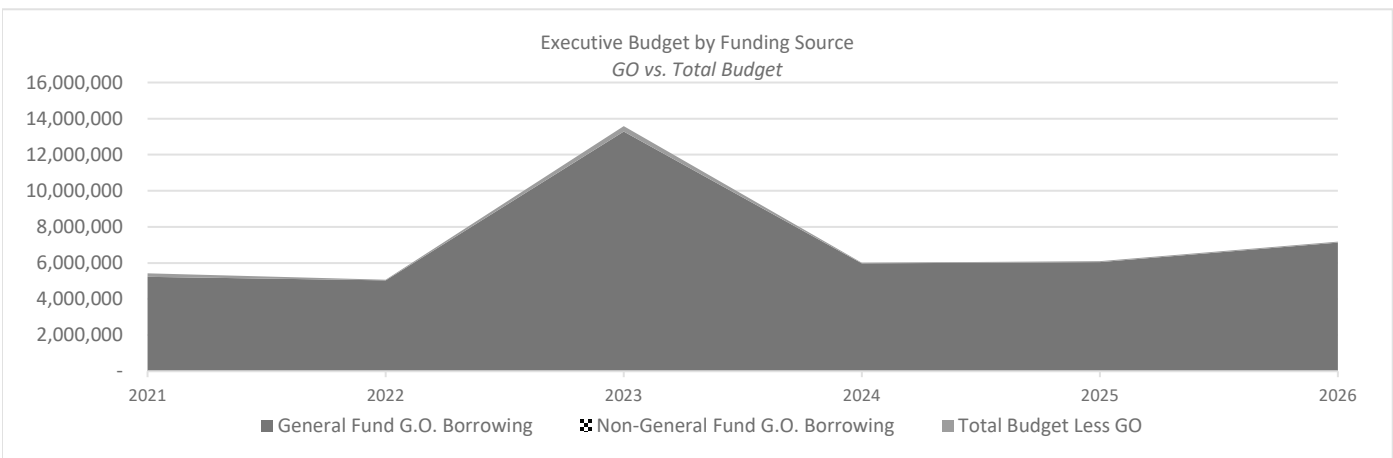
	2021	2022	2023	2024	2025	2026
GF GO Borrowing	5,241,100	5,034,488	13,284,035	5,972,100	6,054,900	7,138,080
Reserves Applied	141,000	-	260,000	-	-	-
State Sources	40,000	40,000	40,000	40,000	40,000	40,000
Total	\$ 5,422,100	\$ 5,074,488	\$ 13,584,035	\$ 6,012,100	\$ 6,094,900	\$ 7,178,080

Borrowing Summary

	2021	2022	2023	2024	2025	2026
Borrowing Schedule						
General Fund G.O. Borrowing	5,241,100	5,034,488	13,284,035	5,972,100	6,054,900	7,138,080
Non-General Fund G.O. Borrowing	-	-	-	-	-	-
Total	\$ 5,241,100	\$ 5,034,488	\$ 13,284,035	\$ 5,972,100	\$ 6,054,900	\$ 7,138,080

Annual Debt Service

General Fund G.O. Borrowing	681,343	654,483	1,726,925	776,373	787,137	927,950
Non-General Fund G.O. Borrowing	-	-	-	-	-	-



Engineering - Facilities Management

Project Overview

Project	CCB 1st Floor Remodel	Project #	12393
Citywide Element	Effective Government	Project Type	Project

Project Description

This project is for the design and remodel of the Assessor, Clerk, Treasurer, and Parks suites on the first floor of the City County Building (CCB). The goal of the project is to optimize the usage of available space in the suite and improve work stations for staff. The project's scope includes design, construction, furniture, audiovisual equipment, moving costs, rental of temporary facilities, and staff costs. Design will continue in 2021 with existing appropriation; construction is planned for 2023.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	-	-	4,350,000	-	-	-
TOTAL	\$ -	\$ -	\$ 4,350,000	\$ -	\$ -	\$ -

Project	CCB Improvements	Project #	10561
Citywide Element	Effective Government	Project Type	Program

Project Description

This program funds the City's portion of shared City and County facility projects scheduled for the City County Building (CCB). The goal of this program is to support necessary repair and maintenance work in coordination with Dane County. Projects funded in this program include electrical, HVAC, and other building updates. Projects planned in 2021 will be determined by Dane County. Increased funding 2023 is for window replacements throughout the building.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	100,000	100,000	2,060,000	100,000	100,000	100,000
TOTAL	\$ 100,000	\$ 100,000	\$ 2,060,000	\$ 100,000	\$ 100,000	\$ 100,000

Project	Energy Improvements	Project #	10562
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for implementation of energy efficiency goals. The goals of the program are to meet the 100% Renewable Madison plan at City-owned sites and facilities, support energy efficiency, and reduce energy demand. Projects supported by this program include supplying distributed energy via solar photovoltaic (PV) panels, installation of LED lighting, and building automation upgrades. Projects planned in 2021 include installing of solar PV at Fire, Police, Library, and Traffic Engineering facilities through the Green Power job training program, as well as LED lighting installation, retro commissioning, and building automation. Completion of planned annual projects are estimated to save \$100,000 annually upon completion, the projected savings does not include debt service costs.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	1,985,000	1,941,000	2,811,000	2,616,000	2,799,000	2,830,000
State Sources	40,000	40,000	40,000	40,000	40,000	40,000
TOTAL	\$ 2,025,000	\$ 1,981,000	\$ 2,851,000	\$ 2,656,000	\$ 2,839,000	\$ 2,870,000

Project	Engineering Service Building Improvements	Project #	10192
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for scheduled improvements to the City’s Engineering Services Building. The goal of this program is to maintain and improve the City’s Engineering Services Building to optimize service operations and work conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program included replacement of energy-using building systems and components that have exceeded their useful life. Program funding in 2021 will be used for an off-grid, battery-based photo-voltaic (PV) charging system for electrical vehicles (EV).

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
Reserves Applied	141,000	-	-	-	-	-
TOTAL	\$ 141,000	\$ -	\$ -	\$ -	\$ -	\$ -

Project	Fire Building Improvements	Project #	10560
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for routine maintenance at the City’s 14 Madison Fire Department stations and administration offices. The goal of this program is to maintain and improve the City’s Fire facilities to optimize service operations and work conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include building, mechanical, and utility system upgrades at fire stations. Projects planned for 2021 include Fire Station 2 Water Heater Replacement, Fire Station 3 Rooftop Air Handlers Replacement, Fire Station 5 Overhead Door Openers Replacement, Fire Station 8 Roof Replacement, and Fire Station 12 Controls Upgrade. The 2021 Executive Capital Budget consolidates the Fire Building Improvements budgets under Engineering - Facilities Management.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	295,000	295,000	295,000	295,000	340,000	520,000
TOTAL	\$ 295,000	\$ 295,000	\$ 295,000	\$ 295,000	\$ 340,000	\$ 520,000

Project	General Building Improvements	Project #	10549
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for scheduled improvements and unplanned repairs to City-owned facilities. The goal of this program is to maintain and improve the City’s facilities to optimize service operations and working conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include renewable energy systems as well as replacement of building systems. Projects planned for 2021 include COVID-19-related building upgrades, such as automatic doors, non-touch controls, HVAC upgrades, and work station adjustments, as well as other building upgrades.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	300,000	310,000	330,000	350,000	370,000	390,000
TOTAL	\$ 300,000	\$ 310,000	\$ 330,000	\$ 350,000	\$ 370,000	\$ 390,000

Project	Horizon List Planning	Project #	12641
Citywide Element	Effective Government	Project Type	Program

Project Description

This project is for fully scoping facility projects identified on the capital budget Horizon List. The goal of this project is to provide accurate project scope with a detailed cost estimate to ensure readiness of proposed capital projects. The 2021 Horizon List includes the following facility projects: City County Building 4th and 5th Floor Remodels, Brittingham Beach House Renovation, Door Creek Shelter Construction, Vilas Park Shelter Reconstruction, Police Property and Evidence Complex, and the Lake Street Garage Replacement.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	200,000	200,000	200,000	200,000	200,000	200,000
TOTAL	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000

Project	Park Facility Improvements	Project #	10564
Citywide Element	Culture and Character	Project Type	Program

Project Description

This program is for routine maintenance at the City's existing Parks facilities. The goals of this program are to provide quality park facilities to the community and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects in 2021 include Tenney Park Beach Shelter (Clean Beach Program) design/construction start and Garner Roof Replacement. The Door Creek Shelter project proposed in the agency request is being moved to the Horizon List to allow for additional project scoping, and the proposed Olbrich Botanical Cottage Repointing project is being deferred from 2022 to 2024 to manage workload.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	1,000,000	600,000	332,500	700,000	503,000	575,000
TOTAL	\$ 1,000,000	\$ 600,000	\$ 332,500	\$ 700,000	\$ 503,000	\$ 575,000

Project	Police Building Improvements	Project #	10945
Citywide Element	Culture and Character	Project Type	Program

Project Description

This program provides funding for routine maintenance at the six Police District Stations, the Training Center, and the Police Department units in the City County Building. The goal of the program is to provide acceptable, functional, inviting, and energy efficient work space for employees and the public. Progress will be measured by monitoring the number of unplanned repairs and energy usage at the facilities. Funding in 2021 will be used for window, door, and masonry repairs at the North District Station; water heater replacement, parking lot repairs, and window and door repairs at the East District Station; carpet and roof repairs/replacement and parking lot maintenance at the Training Center; and smaller projects at the South and West District Stations. Higher funding levels in 2026 are driven by carpet replacement, painting, and HVAC system costs at the West District station, as well as improvements at the North District station and Police Training Center. The 2021 Executive Capital Budget consolidate facilities maintenance and improvement projects for other departments under the Engineering - Facilities Management budget.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	311,100	416,600	420,535	411,100	392,900	573,080
TOTAL	\$ 311,100	\$ 416,600	\$ 420,535	\$ 411,100	\$ 392,900	\$ 573,080

Project	Sayle Street Facility Remodel	Project #	11079
Citywide Element	Green and Resilient	Project Type	Project

Project Description

This project is for renovating the shared shop space at the Traffic Engineering and Parking Utility facility located at 1120 Sayle Street. The goal of the project is to improve work safety conditions and to better utilize the space resulting from the Radio Shop relocating to the Fleet Facility at Nakoosa Trail. The project scope includes space reconfigurations for the Traffic Engineering and Parking Field Operations Facility, and replacing the existing HVAC system. Design is planned for 2021; construction is planned for 2023.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	200,000	-	1,185,000	-	-	-
Reserves Applied	-	-	260,000	-	-	-
TOTAL	\$ 200,000	\$ -	\$ 1,445,000	\$ -	\$ -	\$ -

Project	Streets Facility Improvements	Project #	10565
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for routine maintenance to the four Streets Division facilities. The goal of this program is to maintain and improve the City's Streets facilities to optimize service operations and working conditions and to lower energy costs by implementing energy efficiency components within the improvement projects. Projects funded in this program include updates to existing building systems such as HVAC and electrical. No projects are planned for 2021. The increased budget in 2026 is to replace the building mechanical system and renovate the Streets facility located on Badger Road. The 2021 Executive Capital Budget consolidates facility maintenance and improvement projects under the Engineering - Facility Management budget.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	-	500,000	450,000	450,000	500,000	1,100,000
TOTAL	\$ -	\$ 500,000	\$ 450,000	\$ 450,000	\$ 500,000	\$ 1,100,000

Project	Sustainability Improvements	Project #	10563
Citywide Element	Green and Resilient	Project Type	Program

Project Description

This program is for implementation of the City of Madison's sustainability projects. The goal of this program is to transition the City of Madison to operating on 100% renewable energy and zero net carbon. Projects funded in this program include implementation of the City's Sustainability Plan, the 100% Renewable Madison Report Resiliency Planning, and Renewable Energy Credit (REC) purchases. Projects planned for 2021 include the residential and commercial components of the Energy Efficiency Program, annual costs for the REC program, and various costs associated with implementing the 100% Renewable Plan. The reduction in 2022 is due to not spending savings from energy credits.

Project Budget by Funding Source

	2021	2022	2023	2024	2025	2026
GF GO Borrowing	850,000	671,888	850,000	850,000	850,000	850,000
TOTAL	\$ 850,000	\$ 671,888	\$ 850,000	\$ 850,000	\$ 850,000	\$ 850,000

Engineering - Facilities Management

2021 Appropriation Schedule

2021 Appropriation

Executive Budget

	Request	GO Borrowing	Other	Total
CCB Improvements	100,000	100,000	-	100,000
Energy Improvements	2,781,000	1,985,000	40,000	2,025,000
Engineering Service Building Improvements	141,000	-	141,000	141,000
Fire Building Improvements - Facilities Management	225,000	295,000	-	295,000
General Building Improvements	400,000	300,000	-	300,000
Horizon List Planning	300,000	200,000	-	200,000
Park Facility Improvements	1,000,000	1,000,000	-	1,000,000
Police Building Improvements	-	311,100	-	311,100
Sayle Street Facility Remodel	200,000	200,000	-	200,000
Sustainability Improvements	850,000	850,000	-	850,000
Total 2021 Appropriation	\$ 5,997,000	\$ 5,241,100	\$ 181,000	\$ 5,422,100