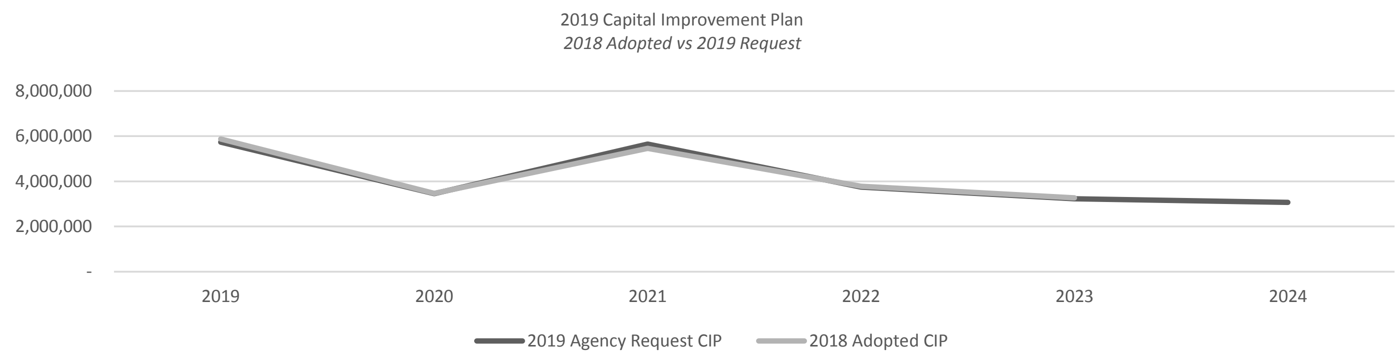
Engineering - Facilities Management

Capital Improvement Plan

Project Summary

	Agency Priority	2019	2020	2021	2022	2023	2024
CCB Improvements	8	100,000	100,000	100,000	100,000	100,000	100,000
CCB Tenant Improvements	1	2,000,000	200,000	2,000,000	50,000	200,000	-
Energy Improvements	4	270,000	280,000	290,000	300,000	310,000	310,000
Fairchild Building Boiler Replacement	9	450,000	-	-	-	-	-
Fire Building Improvements - Facilities Mana	6	380,000	450,000	450,000	450,000	450,000	450,000
General Building Improvements	7	270,000	280,000	290,000	300,000	310,000	260,000
Park Facility Improvements	5	910,000	975,000	600,000	650,000	665,000	750,000
Sayle Street Facility Remodel	10	-	225,000	520,000	640,000	-	-
Streets Facility Improvements	3	605,000	190,000	650,000	500,000	450,000	450,000
Sustainability Improvements	2	750,000	750,000	750,000	750,000	750,000	750,000
Total		**$ 5,735,000**	**$ 3,450,000**	**$ 5,650,000**	**$ 3,740,000**	**$ 3,235,000**	**$ 3,070,000**

Changes from 2018 CIP



Program Adjustments

- Park Facilities Improvements: Program budget decreased in outyears $(0.1m)

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Date: May 9, 2018

To: David Schmiedicke, Finance Director

From: Robert Phillips, P.E., City Engineer

Re: 2019 Capital Budget Proposal
Facilities Management

Introduction

The 2019 CIP from Engineering Division, Facilities Management continues funding at current levels for all of our projects and programs. Facilities Management works to maintain the City's existing building infrastructure by funding programs that fund capital repairs, such as roof replacements, windows replacements, carpeting, and painting. Funds are also used for larger remodeling projects which extends the life of the City's infrastructure. Facilities Management also manages new construction which provides infrastructure for our growing City. In all projects and programs, Facilities Management strives to create buildings that are leading our community through advancements in energy efficiency and renewable energy.

Prioritized List

1. CCB Tenant Improvements
2. Sustainability Improvements
3. Streets Facility Improvements
4. Energy Improvements
5. Parks Facility Improvements
6. Fire Building Improvements
7. General Building Improvements
8. CCB Improvements
9. Fairchild Building Boiler Replacement
10. Sayle Street Facility Remodel

Discussion of Criteria

CCB Tennant Improvements

This is funding for City space improvements. In 2018, the city is designing a remodeling project for the 4th floor of CCB, in addition, HR will be moving to MMB and the City will need to decide how to remodel that space. In 2019, construction of the 4th floor improvements is planned. Future phases are to also remodel the 5th floor of CCB.

Sustainability Improvements
Green Power will be entering its fourth year of training underemployed or unemployed individuals in the job on installing solar at various city facilities. In addition, this fund provides opportunities for the City to partner with our utilities to increase renewable and energy efficiency programs.

Streets Building Improvements
The third priority is funding for Streets Building Improvements. Facilities Operations has recently inventoried all building assets in buildings Engineering maintains and through that information we can clearly see that the oldest equipment is currently in our Streets buildings. The 2019 proposed project is do several things at the Streets East Facility including replace the vehicle exhaust system, remodel the office including a new chiller, upgrade the fire panel and design a hot water solar system.

Energy Improvements
The next priority for Facilities Management is the Energy Improvements. This fund is used to help agencies achieve increased energy savings through increasing insulation, upgrading lighting, adding HVAC Controls.

Parks Building Improvements
The next priority is funding for Parks Building Improvements. The City is continuing to replace park shelters with a new prototype. For 2019, Facilities Management will replace the Warner Park Beach House which will provide a high quality facility for residents of the north side. It should be noted that this facility and the beach allows for all members of the community to have better access to our lakes. The funding is also for exterior improvements to Olbrich Cottage.

Fire Building Improvements
The next priority is funding for Fire Building Improvements. The City owns and operates (24 hours 365 days per year) 13 fire stations. Facilities Operations has also inventoried all building assets resulting in a list of minor projects and equipment that is beyond its useful life.

General Building Improvements
The next priority is funding for General Building Improvements. With over 300 buildings, unexpected issues will come up throughout the year. This funding allows us to deal with those issues. This fund is also used for pre-planning work that Facilities Management undertakes.

CCB Improvements
The County has an extensive list of improvements they are making to the CCB, including façade improvements, concrete work at front of building, and ceiling replacement several floors. This funding will make the experience of visiting and working at CCB better.

Fairchild Building Boiler Replacement
The project is to replace an old steam boiler. Considering the uses in this building, Facilities Management will be looking to replace the system with something that can provide the minimal heat that will be required.

Sayle Street Facility Remodel
This is a future project to remodel Sayle Street once the Radio Shop moves to the new Fleet Services Building.

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

CCB Improvements

Project Category

Facility

Project Number

10561

Proposal Description

This program provides funding for the City's share of renovations scheduled for the City County Building. The goal of this program is to optimize the necessary building improvements by implementing energy saving components within the renovation projects. Projects planned for 2018 include the second phase of parapet flashing replacement and elevator modernization.

Proposal Type

Program

Priority

8

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	465,185	0	465,185
2016	296,900	354,476	-57,576
2017	666,015	301,515	364,500
2018	700,000	0	700,000
Total	**2,128,100**	**655,991**	1,472,109

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	100,000	100,000	100,000	100,000	100,000	100,000
Total	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	100,000	100,000	100,000	100,000	100,000	100,000
Total	$100,000	$100,000	$100,000	$100,000	$100,000	$100,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvements for City's share of CCB. Projects for 2019 include joint sealing, HVAC upgrades (controls), Toilet upgrades, Corridor Ceiling Replacement, Retaining Walls

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvements for City's share of CCB.

2021

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvementsfor City's share of CCB.

2022

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvements for City's share of CCB.

2023

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvements for City's share of CCB.

2024

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$100,000	210 Martin Luther King Jr. Blvd.

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	Building Improvements for City's share of CCB.

Section 4: Program Justification

What is the program's desired outcome for the customer?

To provide a quality work environment for city staff located in the CCB.

How is the outcome currently being measured?

The city gets quarterly billing from Dane County which shows the percentage of these capital projects completed.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

CCB Tenant Improvements

Project Category

Facility

Project Number

10779

Proposal Description

This project is for improvements to City occupied office space in the City County Building. This project will be completed in 2 phases: Phase 1 will renovate the current space for the City Attorney, Mayor, and Finance Department. Planning and design will take place in 2018 and construction will occur in 2019. Phase 2 will renovate the space currently occupied by Human Resources for a new tenant. Design for Phase 2 will take place in 2020 and construction will occur in 2021. Funding for the project design was increased by Finance Committee Amendment #3.

Proposal Type

Project

Priority

1

Section 2: Project Budget

Total Project Budget $4,450,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	2,000,000	200,000	2,000,000	50,000	200,000	
Total	$2,000,000	$200,000	$2,000,000	$50,000	$200,000	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	2,000,000	200,000	2,000,000	50,000	200,000	
Total	$2,000,000	$200,000	$2,000,000	$50,000	$200,000	$0

What is the methodology used to determine the budget for this project?

Reviewed previous projects in CCB - such as City Channel remodel and Public Health Remodel and determined a cost /square foot and used that to estimate the construction cost.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

Office space that is more flexible, more efficient and better quality.

How will this outcome be measured?

Through the design process we can determine flexible square footage and efficiency factor.

Section 4: Project Scope & Status

What is the scope of project?

Fully remodel City Attorney's Office and make some improvements to Mayor's Office and Finance - potentially develop a shared reception area.

Can this project be mapped?

◉ Yes ○ No

What is the street address of the project?

210 Martin Luther King Jr. Blvd.

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2018 **End Year:** 2023

What is the current status of the project?

Planning

Planned Schedule

	2019	2020	2021	2022	2023	2024
Project Status	Construction	Schematic Design	Construction	Planning	Schematic Design	

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project? $5,000

Personnel

# of FTEs	Annual Cost	Description

Non-Personnel

Major	Amount	Description

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

Energy Improvements

Project Category

Facility

Project Number

10562

Proposal Description

This program funds energy efficiency improvements at City-owned facilities. The goal of the program is to reduce energy usage within City buildings while improving the work environment for City staff. The City's EnergyCap software measures energy usage for all electrical and natural gas meters providing data to support the progress towards the goals of the program. Projects planned for 2018 include upgrades to HVAC controls, lighting replacement, and increased insulation which have a goal of a 10-year payback period in reduced energy costs.

Proposal Type

Program

Priority

4

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	298,546	154,782	143,764
2016	240,000	96,850	143,150
2017	161,634	78,358	83,276
2018	260,000	60,853	199,147
Total	**960,180**	**390,843**	569,337

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	250,000	260,000	270,000	280,000	290,000	290,000
State Sources	20,000	20,000	20,000	20,000	20,000	20,000
Total	$270,000	$280,000	$290,000	$300,000	$310,000	$310,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	270,000	280,000	290,000	300,000	310,000	310,000
Total	$270,000	$280,000	$290,000	$300,000	$310,000	$310,000

Does this program have matching funds?

(●) **Yes** ( ) **No**

1. Funder Name?

Focus On Energy

2. Grant Name?

3. Are these funds formally secured?

Yes and No - They are available and the City just needs to request them at the appropriate time.

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$270,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	

Asset Type	Quantity	Description
		Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

2020

Planned Projects

Project	Estimated Cost	Street Address
Unallocated	$280,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	64	Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

2021

Planned Projects

Project	Estimated Cost	Street Address
Unallocated	$290,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	64	Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

2022

Planned Projects

Project	Estimated Cost	Street Address
Unallocated	$300,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	64	Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

2023

Planned Projects

Project	Estimated Cost	Street Address
Unallocated	$310,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	64	Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

2024

Planned Projects

Project	Estimated Cost	Street Address
Unallocated	$310,000	City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	64	Facilities Management uses this fund to achieve energy efficiencies throughout our city's building inventory - projects may include - insulation on a roof, controls for HVAC, renewable energy systems, and new lighting. These types of projects have a clear payback.

Section 4: Program Justification

What is the program's desired outcome for the customer?

To achieve energy savings that at least achieve a simple payback within 10 years. Many of these projects have a simple payback very quickly.

How is the outcome currently being measured?

Through tracking energy usage at 64 of our main buildings.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

Fairchild Building Boiler Repl

Project Category

Facility

Project Number

11078

Proposal Description

This project funds the replacement of a steam boiler with a more energy efficient hot water boiler at the Fairchild Building. The goal of this project is to generate cost savings through the energy efficiency the new system provides; the payback period is estimated to be 10-15 years after installation. Replacement of the boiler is planned in 2019.

Proposal Type

Project

Priority

9

Section 2: Project Budget

Total Project Budget $450,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	450,000					
Total	$450,000	$0	$0	$0	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	450,000					
Total	$450,000	$0	$0	$0	$0	$0

What is the methodology used to determine the budget for this project?

Working with internal mechanical and construction staff.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

To eliminate the inefficient steam boiler and replace with unit heaters as needed

How will this outcome be measured?

Measuring energy

Section 4: Project Scope & Status

What is the scope of project?

To remove the old steam boiler and replace it with unit heaters where needed.

Can this project be mapped?

◉ Yes ○ No

What is the street address of the project?

120 S Fairchild Street

Is this project on the Project's Portal?

○ Yes ◉ No

What is the total project timespan (all years for all phases)?

Start Year: 2019 **End Year:** 2019

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status	Construction					

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project?

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency
Engineering - Facilities Management

Proposal Name
Fire Building Improvements -

Project Category
Facility

Project Number
10560

Proposal Description
This program funds miscellaneous improvements to the City's 13 existing fire stations. The goal of this program is to maintain and improve the City's fire stations optimizing service operations and staff working conditions. The improvements that contain energy efficient components are measured through the City's EnergyCap software by tracking the energy savings data. Projects planned for 2018 include interior window replacement at Fire Station #5 and overhead door replacement at Fire Station #8.

Proposal Type
Program

Priority
6

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	525,090	267,661	257,429
2016	657,000	342,300	314,700
2017	450,000	624,840	-174,840
2018	250,000	112,812	137,188
Total	**1,882,090**	**1,347,612**	534,478

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	380,000	450,000	450,000	450,000	450,000	450,000
Total	$380,000	$450,000	$450,000	$450,000	$450,000	$450,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	380,000	450,000	450,000	450,000	450,000	450,000
Total	$380,000	$450,000	$450,000	$450,000	$450,000	$450,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
FS#9 - Asbestos Abatement and Sealing	$57,500	201 Midvale Boulevard
FS#8 - Ugrade/Replace Overhead Doors	$103,500	3945 Lien Road
FS#7 - Flooring Replacement	$28,750	1810 McKenna Boulevard
FS#10 - Roof Replacement	$162,000	1517 Troy Drive
FS#7 - HVAC - Mold Issue	$28,250	1810 McKenna Boulevard

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	3	

Asset Type	Quantity	Description
		FS#9 - Asbetos Abatement and Sealing, FS#8 - Upgrade/Replace OHD's, FS#7 - Flooring Replacement, FS#10 - Roof Replacement, FS#7 - HVAC - Mold issue

2020

Planned Projects

Project	Estimated Cost	Street Address
FS#8 - HVAC Replacement Phase 2	$343,500	3945 Lien Road
FS#3 - Replace Radiators	$86,500	1217 Williamson Street
FS#5 - Replace Interior Window	$20,000	4418 Cottage Grove Road

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	3	S#8 - HVAC Replacement Phase 2, FS#3 - Replace Radiators, FS#5 - Replace Interior Window

2021

Planned Projects

Project	Estimated Cost	Street Address
FS#10 - HVAC, Lighting, Interior	$450,000	1517 Troy Drive

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	1	FS#10 - HVAC, Lighting, Interior

2022

Planned Projects

Project	Estimated Cost	Street Address
FS#5 - HVAC, Lighting, Interior	$450,000	4418 Cottage Grove Road

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	1	FS#5 - HVAC, Lighting, Interior

2023

Planned Projects

Project	Estimated Cost	Street Address
FS#7 - HVAC, Lighting, Interior	$450,000	1810 McKenna Boulevard

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	450000	FS#7 - HVAC, Lighting, Interior

2024

Planned Projects

Project	Estimated Cost	Street Address
FS#11 - HVAC, Lighting, Interior	$450,000	4011 Morgan Way

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	1	FS#11 - HVAC, Lighting, Interior

Section 4: Program Justification

What is the program's desired outcome for the customer?

Preserve Current Building Stock, Lower Energy.

How is the outcome currently being measured?

Tracking Energy and Building Condition.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

General Building Improveme

Project Category

Facility

Project Number

10549

Proposal Description

This program funds improvements to City-owned buildings maintained by the Facilities Management section. The program's goal is to address unanticipated capital repairs that occur during the year. The Facilities Management section maintains data considering the age and conditions of the City's 250 buildings as a basis for the necessary repairs and improvements.

Proposal Type

Program

Priority

7

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	458,546	306,781	151,765
2016	237,880	231,406	6,474
2017	250,000	176,734	73,266
2018	260,000	9,356	250,644
Total	**1,206,426**	**724,277**	482,149

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	270,000	280,000	290,000	300,000	310,000	260,000
Total	$270,000	$280,000	$290,000	$300,000	$310,000	$260,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	270,000	280,000	290,000	300,000	310,000	260,000
Total	$270,000	$280,000	$290,000	$300,000	$310,000	$260,000

Does this program have matching funds?

○ Yes ◉ No

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$270,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$280,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

2021

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$290,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

2022

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$300,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

2023

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$310,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

2024

Planned Projects

Project	*Estimated Cost*	*Street Address*
Unallocated	$260,000	All City of Madison Buildings

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	64	This fund is to deal with unexpected mechanical failures or other unplanned issues that present themselves. This fund also serves a way to fund very early planning efforts.

Section 4: Program Justification

What is the program's desired outcome for the customer?

To be able to quickly repair failures in all of our city buildings and to plan for longer term facility planning.

How is the outcome currently being measured?

Facilities Operations is tracking building maintanence and is also developing a facility asset management program.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

Park Facility Improvements

Project Category

Facility

Project Number

10564

Proposal Description

This program is for the improvements to the City's Parks Division facilities. The goals of this program are to maintain the existing parks buildings, provide quality parks facilities experiences to the community, and to lower energy costs by implementing efficiency components within the improvement projects. The goals of this program are measured by feedback from the community on the quality of park facility experiences as well facility energy usage. Projects planned for 2018 include replacing the roof of the Garner Park facility and improvements to the Warner Park Beach House.

Proposal Type

Program

Priority

5

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	1,730,040	1,169,741	560,299
2016	700,000	316,140	383,860
2017	755,035	1,068,503	-313,469
2018	800,000	35,896	764,104
Total	**3,985,074**	**2,590,280**	1,394,794

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	910,000	975,000	600,000	650,000	665,000	750,000
Total	$910,000	$975,000	$600,000	$650,000	$665,000	$750,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	910,000	975,000	600,000	650,000	665,000	750,000
Total	$910,000	$975,000	$600,000	$650,000	$665,000	$750,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Warner Beach House Replacement	$565,000	1101 Woodward Dr, Madison, WI 53704
Olbrich Cottage Roof and Tuckpointing	$345,000	3330 Atwood Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	2	Warner Beach House is to replace the beach house with the Parks Prototype Shelter. Olbrich Cottage is an historic structure that needs a new roof and some mansory work done.

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*

Project	Estimated Cost	Street Address
Door Creek Shelter	$975,000	7035 Littlemore Dr

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	1	Build a new larger shelter for this regional park.

2021

Planned Projects

Project	Estimated Cost	Street Address
Garner Park Roof	$300,000	333 S Rosa Rd
Yahara Storage	$300,000	6701 Hwy 12 & 18

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	2	The roof at Garner Park is failing and needs to be replaced. Yahara Storage is to create a storage facility for parks.

2022

Planned Projects

Project	Estimated Cost	Street Address
Bernie's Beach Restroom Replacement	$400,000	901 Gilson St, Madison
Rennebohn Park Shelter Rehab	$250,000	115 N Eau Claire Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	2	Replace the Restroom at Bernie's Beach and also rehab the Rennebohn Park Shelter.

2023

Planned Projects

Project	Estimated Cost	Street Address
Marlborough Shelter Replacement	$500,000	2222 Whenona Dr
Brittingham Park Shelter Rehab	$165,000	829 W Washington Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	2	Replace the Shelter at Marlborough Park and rehab the Brittingham Park Shelter.

2024

Planned Projects

Project	Estimated Cost	Street Address
Westmorland Shelter Replacement	$750,000	4114 Tokay Blvd

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	1	Replace the Shelter with the new Prototype

Section 4: Program Justification

What is the program's desired outcome for the customer?

To provide restrooms at various parks that are ADA accessible and provide more potential uses. Standardize on materials across the city to save on maintenance.

How is the outcome currently being measured?

Track Park's time on maintenance and number of reservations.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

Sayle Street Facility Remodel

Project Category

Facility

Project Number

11079

Proposal Description

This project is for the renovation of shop space at the Traffic Engineering facility located at 1120 Sayle Street. The existing facility includes the Radio Shop which will be relocated to the new Fleet Service location at Nakoosa Trail. The renovation will reconfigure the existing shop space to provide additional space for the Sign Shop and replace the existing HVAC system at the facility. The goal of the project is to improve work safety conditions. Design will begin in 2020; construction will take place in 2021 and 2022.

Proposal Type

Project

Priority

10

Section 2: Project Budget

Total Project Budget $1,385,000

Prior Appropriation $0

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing		225,000	520,000	640,000		
Total	$0	$225,000	$520,000	$640,000	$0	$0

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building		225,000	520,000	640,000		
Total	$0	$225,000	$520,000	$640,000	$0	$0

What is the methodology used to determine the budget for this project?

Used internal construction staff to estimate project.

Are any fleet equipment or vehicles being purchased within this project budget?

○ Yes ◉ No

Have matching funds been secured for any projects within the program?

○ Yes ◉ No

Section 3: Project Justification

Is this project called for in an approved master plan?

○ Yes ◉ No

What is the desired outcome of the proposed project?

To make improvements to the HVAC, Lighting, Interior and Exterior of Sayles Street - Traffic Engineering facility.

How will this outcome be measured?

Measure energy usage and efficiency of space.

Section 4: Project Scope & Status

What is the scope of project?

As the Radio Shop moves out to the new Fleet building - it is time to do some major capital upgrades to this building - including upgrading, HVAC, Lighting, Interior and Exterior - the results will be space that is more efficient and lower energy.

Can this project be mapped?

◉ Yes ○ No

What is the street address of the project?

1120 Sayle St

Is this project on the Project's Portal?

○ **Yes** ◉ **No**

What is the total project timespan (all years for all phases)?

Start Year: 2020 **End Year:** 2022

What is the current status of the project?

Planning

Planned Schedule

	2019	*2020*	*2021*	*2022*	*2023*	*2024*
Project Status		Schematic Design	Construction	Construction		

Section 5: Operating Costs

What is the estimated annual operating costs associated with the project?

Personnel

# of FTEs	*Annual Cost*	*Description*

Non-Personnel

Major	*Amount*	*Description*

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency
Engineering - Facilities Management

Proposal Name
Streets Facility Improvement

Project Category
Facility

Project Number
10565

Proposal Description
This program funds ongoing improvements to the four Streets Division facilities. The goal of the program is to reduce energy usage within City buildings as well as improve the work environment for City staff. In 2018 a vehicle exhaust system will be installed at the facility on Sycamore Avenue.

Proposal Type
Program

Priority
3

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	669,847	615,029	54,818
2016	1,380,000	36,745	1,343,255
2017	440,000	313,207	126,793
2018	250,000	5,084	244,916
Total	**2,739,847**	**970,064**	1,769,783

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	605,000	190,000	650,000	500,000	450,000	450,000
Total	$605,000	$190,000	$650,000	$500,000	$450,000	$450,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	605,000	190,000	650,000	500,000	450,000	450,000
Total	$605,000	$190,000	$650,000	$500,000	$450,000	$450,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Additional Funding for Streets East Remodel	$605,000	4602 Sycamore Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	The air-conditioning system and ducts are at the end of their life. This replacements will cause major demolision of the ceiling and is the time to make some interior upgrades to the office area to create a more efficent work environment.

2020

Planned Projects

Project	*Estimated Cost*	*Street Address*
Hot Water Solar System at Street East	$190,000	4602 Sycamore Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	The City was gifted free hot water solar panels - this system will pre-heat water for use in all hot water needs - showers, restrooms, washing trucks.

2021

Planned Projects

Project	*Estimated Cost*	*Street Address*
Sprinklers Upgrade and Replacement at Streets East	$650,000	4602 Sycamore Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	We know that there are leaks in the system and that the system needs to be upgraded.

2022

Planned Projects

Project	*Estimated Cost*	*Street Address*
Lighting Upgrade - Streets East	$500,000	4602 Syamore Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	This project is to replace as many lights with LEDs as posible in all of the maintenance areas. This will save energy and provide better lighting.

2023

Planned Projects

Project	*Estimated Cost*	*Street Address*
Lighting Upgrade - Streets West	$450,000	1501 W Badger Rd

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	1	This project is to replace as many lights with LEDs as posible in all of the maintenance areas. This will save energy and provide better lighting.

2024

Planned Projects

Project	*Estimated Cost*	*Street Address*
Lighting Upgrade - Transfer Station	$450,000	121 E Olin Ave

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building		This project is to replace as many lights with LEDs as posible in all of the maintenance areas. This will save energy and provide better lighting.

Section 4: Program Justification

What is the program's desired outcome for the customer?

To create more efficient, lower energy buildings that are safer to work in.

How is the outcome currently being measured?

Tracking energy and calculate useable square footage.

Notes

Notes:

Submitted

Capital Budget Proposals

Section 1: Identifying Information

Agency

Engineering - Facilities Management

Proposal Name

Sustainability Improvements

Project Category

Facility

Project Number

10563

Proposal Description

This program supports the implementation of the Madison Sustainability Plan via solar installations and energy efficient upgrades throughout the City. The program's goal is to build energy infrastructure that will generate one megawatt of renewable energy. Improvements funded by the program are available for businesses, single-family homes, and multi-family dwelling units.

Proposal Type

Program

Priority

2

Section 2: Program Budget

Prior Authorization

	Budget	*Actual*	*Difference*
2015	675,320	472,103	203,217
2016	750,000	832,602	-82,602
2017	720,005	629,290	90,715
2018	735,000	316,465	418,535
Total	**2,880,325**	**2,250,460**	629,865

Budget by Year

Funding Source	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
GF GO Borrowing	750,000	750,000	750,000	750,000	750,000	750,000
Total	$750,000	$750,000	$750,000	$750,000	$750,000	$750,000

Expense Type	*2019*	*2020*	*2021*	*2022*	*2023*	*2024*
Building	750,000	750,000	750,000	750,000	750,000	750,000
Total	$750,000	$750,000	$750,000	$750,000	$750,000	$750,000

Does this program have matching funds?

○ **Yes** ◉ **No**

Section 3: Minor Projects

2019

Planned Projects

Project	*Estimated Cost*	*Street Address*
Green Power - Building Solar and Training Program	$360,000	Various Locations
Renewable Energy Credits	$390,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	*Quantity*	*Description*
Building	5	Training unemployed people in solar installation at various city faciities.
Other	1	Purchasing renewable energy attributes to meet our 100% renewable energy/zero net carbon goals.

2020

Planned Projects

Project	Estimated Cost	Street Address
Green Power - Building Solar and Training Program	$395,000	Various Locations
Renewable Energy Credits	$355,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	5	Training unemployed people in solar installation at various city faciities.
Other	1	Purchasing renewable energy attributes to meet our 100% renewable energy/zero net carbon goals.

2021

Planned Projects

Project	Estimated Cost	Street Address
Green Power - Building Solar and Training Program	$360,000	Various Locations
Renewable Energy Credits	$390,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	5	Training unemployed people in solar installation at various city faciities.
Other	1	Purchasing renewable energy attributes to meet our 100% renewable energy/zero net carbon goals.

2022

Planned Projects

Project	Estimated Cost	Street Address
Green Power - Building Solar and Training Program	$580,000	Various Locations
Renewable Energy Credits	$170,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	5	Training unemployed people in solar installation at various city facilities.
Other	1	Purchasing renewable energy attributes to meet our 100% renewable energy/zero net carbon goals.

2023

Planned Projects

Project	Estimated Cost	Street Address
Green Power - Building Solar and Training Program	$658,000	Various Locations
Renewable Energy Credits	$92,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	5	Training unemployed people in solar installation at various city facilities.
Other	1	Purchasing renewable energy attributes to meet our 100% renewable energy/zero net carbon goals.

2024

Planned Projects

Project	Estimated Cost	Street Address
Green Power - Building Solar and Training Program	$750,000	Various Locations

Service Level

What are the end products (asset or infrastructure type) provided by this program?

Asset Type	Quantity	Description
Building	5	Training unemployed people in solar installation at various city facilities.

Section 4: Program Justification

What is the program's desired outcome for the customer?

To work towards the city's goal of 100% renewable energy/zero net carbon

How is the outcome currently being measured?

Measuring the city's energy and carbon.

Notes

Notes: