

City of Madison 2018 Capital Improvement Plan
 Agency Request Summary

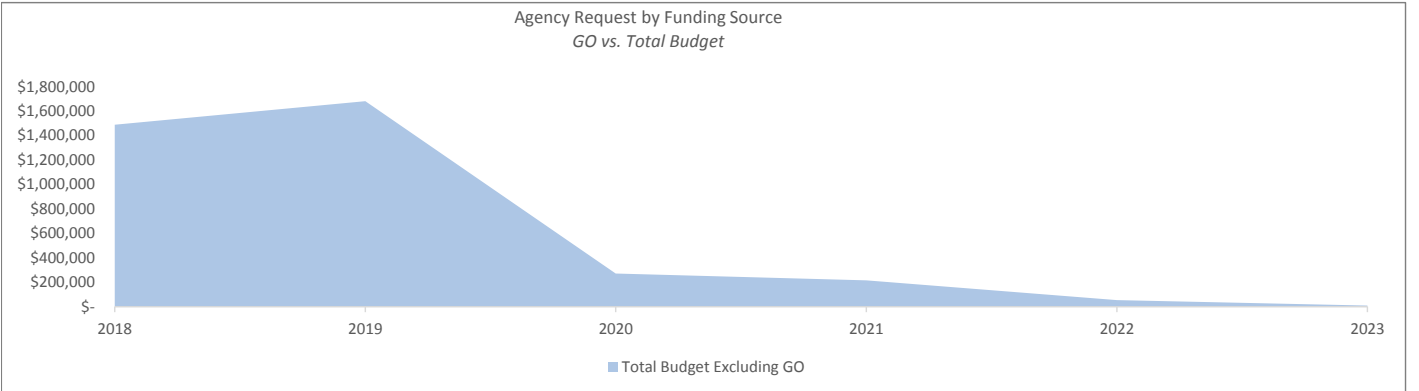
Agency : Parking Utility

Agency Request by Project (All Funds)

Project	2018	2019	2020	2021	2022	2023
Garage Lighting Replacement	999,700	-	-	-	-	-
Sayle Street	10,000	10,000	190,500	70,500	10,000	10,000
Single Space Meter Replacement	350,000	1,500,000	-	-	-	-
Vehicle Replacement	130,000	171,500	81,000	146,000	45,000	-
Total	\$ 1,489,700	\$ 1,681,500	\$ 271,500	\$ 216,500	\$ 55,000	\$ 10,000

Agency Request by Funding Source

Project	2018	2019	2020	2021	2022	2023
Reserves Applied	1,489,700	1,681,500	271,500	216,500	55,000	10,000
Total	\$ 1,489,700	\$ 1,681,500	\$ 271,500	\$ 216,500	\$ 55,000	\$ 10,000



CITY OF MADISON
INTER-DEPARTMENTAL
CORRESPONDENCE

DATE: May 10, 2017

TO: David Schmiedicke, Finance Department

FROM: Sabrina Tolley, Assistant Parking Utility Manager

SUBJECT: **Parking Utility 2018 Capital Budget Requests**

The 2018 Parking Utility Capital Budget includes proposed funding to complete the lighting replacement projects at the remaining facilities: State Street Campus Frances and Overture Center Garages, continue replacement of single space meters, and funding for the Annual Vehicle Replacement Program and Sayle Street Facility Improvements Program.

Construction of the Judge Doyle Garage and Capitol East District Garage are expected to begin in 2017 and be completed in 2018. Additionally, the PARCS Equipment Replacement Project is underway and expected to be completed for existing facilities in fall of 2017. The State Street Capitol Garage Lighting Project and Overture Center Elevator Modernization Project are also expected to be completed in 2017. The 2018 budget reflects consideration of priorities to maintain and replace existing facilities, as well as staff capacity for planning and implementation of projects when considering future project schedules and budget requests.

Additionally, the budget reflects the Parking Utility's goal that as infrastructure replacement and improvement needs arise, these projects will incorporate new technologies and approaches to meet existing and future parking needs, reduce energy consumption, enhance the experience of visiting and parking in Madison, and increase efficiencies in operations.

The below list of projects and programs with 2018 funding requests, reflect the priorities for meeting the Parking Utility's 2018 goals. At the direction of the City Finance Department, the Parking Garage Repair Program will be budgeted in the Operating Budget in 2018 and future budgets, which is why funding is not included in the 2018 Capital Budget.

1. Garage Lighting Replacement Project
2. Single Space Meter Replacement Project
3. Vehicle Replacement Program
4. Sayle Street Facility Improvements Program

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

Proposal Description

This project will replace all the existing overhead lighting fixtures with energy efficient LED lights in all parking garages operated by the Parking Utility. The Overture Center Garage lighting construction is planned for 2018.

Proposal Type

Section 2: Budget Information

Total Project Budget

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
Reserves Applied <input type="text" value=""/>	999,700					
Total	\$999,700	\$0	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Funding Source						
Expense Category	2018	2019	2020	2021	2022	2023
Building <input type="text" value=""/>	999,700					
Total	\$999,700	\$0	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Expense Category						

Section 3: Proposal

Project Status

What is the location of the proposed project?

Is the property currently owned by the City of Madison?

Yes No

What is the current status of the project?

What is the planned schedule for the project?

2018	2019	2020	2021	2022	2023
Construction <input type="text" value=""/>	Construction Completion <input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Project Justification

Is the proposed project the replacement of an existing asset or the construction of a new asset?

New Asset Existing Asset

Is this project called for in an approved master plan?

Yes No

What is the desired outcome of the proposed project?

This project is to replace all the existing lighting overhead fixtures in parking garages with energy efficient LED lights. The existing lights fixtures have become functionally obsolete. The annual cost of replacement parts and labor has grown substantially, and the newer LED fixtures use less energy, produce better and higher quality light, and are designed to last 10 years or longer. This project also includes replacing wiring and conduit, and installation of carbon monoxide detectors with garage fan controls.

How will this outcome be measured?

Lighting quality will be visibly brighter and higher quality light, significant decreases in energy consumption are expected, and over time there will be reduced maintenance costs for lighting replacement.

Operating Costs

Will the proposed project result in operational efficiencies and/or savings? Please Explain.

Yes, lower energy consumption through the replacement of lighting with more energy efficient lighting, reduction in energy consumption with CO detectors to control fans, and reduced maintenance costs.

What's the annual operating costs associated with the project?

Describe, by major, the operating costs associated with the project. Include the number of newly created positions required by the project.

The garages will continue to have utility costs related to lighting, however, it is expected that energy use will decrease with the installation of the LED lights and fan controls.

Matching Funds

Have matching funds been secured for the project?

Yes No

Re-Edit

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

Proposal Description

This program for the maintenance and renovation of office space at the Parking Utility facility located at 1120 Sayle Street. The existing facility includes the Traffic Engineering Radio Shop that will be relocated to the newly constructed Fleet Service location at Nakoosa Trail.

Proposal Type

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
Reserves Applied <input type="text" value=""/>	10,000	10,000	190,500	70,500	10,000	10,000
Total	\$10,000	\$10,000	\$190,500	\$70,500	\$10,000	\$10,000

 Insert Funding Source

Expense Category	2018	2019	2020	2021	2022	2023
Building <input type="text" value=""/>	10,000	10,000	190,500	70,500	10,000	10,000
Total	\$10,000	\$10,000	\$190,500	\$70,500	\$10,000	\$10,000

 Insert Expense Category

Section 3: Proposal

Minor Projects

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

 Insert Minor Project

Service Level

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

End Product	Product Unit	# of Units Provided
Other <input type="text" value=""/>	N/A	<input type="text" value=""/>

 Insert End Product

On average, what is the standard useful life for assets maintained by this program?

Is the City currently on track for meeting this standard?

Yes No

Program Goals

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

How is the outcome currently being measured?

Operating Costs

What are the ongoing operating costs associated with proposed projects within the program?

Matching Funds

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

Yes No

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

Proposal Description

This project funds the replacement of the remaining "coin-only" single spaces meters in use throughout the City with state-of-the-art meters that allow payment from multiple sources including coins, credit cards, or smart-phones.

Proposal Type

Section 2: Budget Information

Total Project Budget

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
Reserves Applied <input type="text" value=""/>	350,000	1,500,000				
Total	\$350,000	\$1,500,000	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Funding Source						
Expense Category	2018	2019	2020	2021	2022	2023
Machinery and Equipment <input type="text" value=""/>	350,000	1,500,000				
Total	\$350,000	\$1,500,000	\$0	\$0	\$0	\$0
<input type="checkbox"/> Insert Expense Category						

Section 3: Proposal

Project Status

What is the location of the proposed project?

Is the property currently owned by the City of Madison?

Yes No

What is the current status of the project?

What is the planned schedule for the project?

2018	2019	2020	2021	2022	2023
Planning <input type="text" value=""/>	Construction <input type="text" value=""/>	Construction Completion <input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Project Justification

Is the proposed project the replacement of an existing asset or the construction of a new asset?

New Asset Existing Asset

Is this project called for in an approved master plan?

Yes No

What is the desired outcome of the proposed project?

Replacement of coin-only meters with multispace machines and singlespace "smart meters" which allow users to pay by coin and credit card, and paybycell. A pilot program is planned for 2017 summer-2018 winter for the singlespace "smart meters", and if successful, approximately 550 single space coin-only meters would be replaced by "smartmeters" in 2017 and 2018. "Smart meters" with sensors could provide realtime availability with potential for wayfinding mobile app for customers to locate an available metered space, resulting in higher utilization, and reduction in excess motor vehicle driving that occurs when drivers circulate to find a parking space. Many of existing on-street multi-space machines are reaching the end of their useful life and will need to be replaced in upcoming years. The Parking Utility will explore options for replacement late 2018 - 2019, with a replacement project anticipated to begin in late 2019 through 2020.

How will this outcome be measured?

Number of coin-only meters replaced by multispace machines or singlespace "smart meters". Occupancy and revenue data showing greater utilization.

Operating Costs

Will the proposed project result in operational efficiencies and/or savings? Please Explain.

Replacement of coin meters with machines that allow payment by credit card and/or cell phone result in higher utilization, increased revenues, and greater customer convenience. Sensors on "smart meters" would also provide a more efficient method for collecting occupancy data. Ongoing maintenance and operating costs for single space meters with sensors vs those without sensors, and single space vs multi-space machines will be some of factors studied through the trial and planning process in 2018-2019.

What's the annual operating costs associated with the project?

Describe, by major, the operating costs associated with the project. Include the number of newly created positions required by the project.

Software and equipment maintenance, credit card processing fees, and monthly cellular fees, and electric usage are ongoing costs of multispace machines and smart meters. No new positions are being created. Ongoing maintenance and operating costs for single space meters with sensors vs those without sensors, and single space vs multi-space machines will be some of factors studied through the trial and planning process in 2019.

Matching Funds

Have matching funds been secured for the project?

Yes No

Re-Edit

Capital Budget Proposals

Section 1: Identifying Information

Agency

Proposal Name

Munis

Proposal Description

This program funds the replacement of Parking Utility vehicles. Vehicles are replaced, on average, on a 10-Year cycle.

Proposal Type

Section 2: Budget Information

Budget by Year

Funding Source	2018	2019	2020	2021	2022	2023
Reserves Applied <input type="text" value=""/>	130,000	171,500	81,000	146,000	45,000	0
Total	\$130,000	\$171,500	\$81,000	\$146,000	\$45,000	\$0

 Insert Funding Source

Expense Category	2018	2019	2020	2021	2022	2023
Machinery and Equipment <input type="text" value=""/>	130,000	171,500	81,000	146,000	45,000	0
Total	\$130,000	\$171,500	\$81,000	\$146,000	\$45,000	\$0

 Insert Expense Category

Section 3: Proposal

[Minor Projects](#)

List the minor projects, estimated amounts and locations currently planned for 2017

Minor Project Name	Estimated Cost	Minor Project Location
Vehicle Replacement 2018	\$130,000	NA

 Insert Minor Project

[Service Level](#)

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

End Product	Product Unit	# of Units Provided
Machinery and Equipment <input type="text" value=""/>	Pieces of Machines/Equipment	4

 Insert End Product

On average, what is the standard useful life for assets maintained by this program?

Is the City currently on track for meeting this standard?

 Yes No

[Program Goals](#)

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

Vehicles to be purchased (4 total) include replacement of 2 Tennant Sweeper vehicles, the replacement of 1 Bobcat Toolcat vehicle and the related Toolcat Receiver Hopper Spreader piece of equipment.

How is the outcome currently being measured?

[Operating Costs](#)

What are the ongoing operating costs associated with proposed projects within the program?

[Matching Funds](#)

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

 Yes No