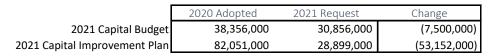
## Capital Improvement Plan



2020 Adopted 2021 Request 5

## Project Summary: Agency Request

	2021	2022	2023	2024	2025	2026
Metro Satellite Bus Facility	10,000,000	-	-	-	-	-
Transit Technology System	10,000,000	-	-	-	-	-
Transit Coaches - Diesel	-	-	-	-	8,442,000	8,864,000
Facilities Repairs and Improvement	10,805,000	10,000,000	540,000	40,000	40,000	40,000
Transit System Upgrades	51,000	124,000	56,000	129,000	446,000	178,000
Total	\$ 30,856,000 \$	10,124,000 \$	596,000 \$	169,000 \$	8,928,000 \$	9,082,000

## Changes from 2020 CIP





## Major Changes/Decision Points

• Metro Satellite Bus Facility

Project budget decreased by \$6m based on adjustments in project scope that reduce the amount of work needed to develop the facility

## Capital Improvement Plan

	2020 Adopted	2021 Request	Change
2021 Capital Budget	38,356,000	30,856,000	(7,500,000)
2021 Capital Improvement Plan	82,051,000	28,899,000	(53,152,000)

2020 Adopted	2021 Request
5	5

FTA grant (\$4m) added as a funding source

• Transit Technology System

Project separated from the Transit System Upgrades program

Project budget increased by approximately \$6m based on cost estimates from peer agency projects

• Transit Coaches - Diesel

2021 to 2024 funding moved to Transportation BRT project budget to purchase BRT buses



#### Department of Transportation

### **Metro Transit**

1245 East Washington Avenue, Suite 201 Madison, Wisconsin 53703 Administration: (608) 266-4904 Fax: (608) 267-8778 Customer Service: (608) 266-4466 mymetrobus@cityofmadison.com www.mymetrobus.com

6/12/2020

To: Satya Rhodes-Conway, Mayor

Dave Schmiedicke, Finance Director

Dear Mayor Rhodes-Conway and Mr. Schmiedicke,

I'm pleased to present Metro's proposed 2021 Capital Budget. This budget continues the initiatives of Metro envisioned in the 2020 budget, while also identifying opportunities to leverage additional federal funding in light of the more constrained fiscal environment we current find ourselves in.

#### **GOALS OF AGENCY'S CAPITAL BUDGET**

Metro's budget proposal ensures that we can continue to provide quality service to meet the growing transportation needs of the Madison region. Transit ridership reduces the need for expensive roadway and parking capacity, reduces greenhouse gas emissions, and enables a denser and more vibrant city.

This budget proposal addresses the quality and capacity of our facilities, upgrades our outdated technology systems, and maintains our bus replacement strategy by integrating it with the planned BRT project.

#### **SUMMARY OF CHANGES FROM 2020 CAPITAL IMPROVEMENT PLAN**

- 1. The Metro Satellite Bus Facility budget was reduced by \$6,000,000. This is due to a redesign of the project plan to reduce the amount of work required to develop a functional facility. 2020 FTA formula funds have been redirected to this facility.
- 2. The planned Technology Upgrade project was separated from the Transit System Upgrades project line to become a standalone project. That budget was increased by \$6,000,000 to reflect a more realistic budget for the planned project scope.
- 3. Bus replacement expenditures, including planned FTA formula funds and previously budgeted non-GO borrowing, for 2021 through 2024 were transferred to the E-W BRT project budget under the Transportation Department. Expanding the scope of that project to include additional buses accomplishes the bus replacement for Metro while simultaneously improving the chances of a Small Starts grant award.
- 4. Adjustments in Federal Funding to reflect recent competitive grant awards and the latest projections in FTA formula funding. This generally reduces overall borrowing.
- 5. Addition of 2026 bus replacements.

#### PRIORITIZED LIST OF CAPITAL REQUESTS

1. 1101 E Washington Facility Improvements

- 2. Metro Satellite Bus Facility
- 3. Technology Upgrades
- 4. Transit System Upgrades
- 5. Diesel Bus Replacement (no 2021 expenditures)

To some extent, items 1, 2, and 3 are all required to implement the BRT project. Current facilities have limited space and ability to house and perform repair work on 60 ft. articulated buses, and current technology capabilities are insufficient to operate the system effectively.

#### POTENTIAL FOR SCALING CAPITAL REQUESTS

There is little opportunity for scaling. The Satellite bus facility could be purchased with 2020 appropriations, but not appropriated any funds in 2021 for improvements. This would secure the property for future improvements, but the property would not be functional for Metro use until those improvements are made.

#### **IMPACT OF COVID-19 ON CAPITAL FUNDING**

Metro is fortunate to have received \$24m in CARES act funding in response to COVID-19. In coordination with the Finance Department and the Mayor, we are planning to use that funding to offset much of the City's operating subsidy in 2020, as well as the expected lost fare revenue in 2020 and 2021. If ridership largely returns to normal levels in 2022, perhaps after a vaccine is in place, then Metro likely would not experience a significant change in the amount of debt that we are able to service due to COVID-19.

I look forward to additional discussion.
Sincerely,

Justin Stuehrenberg Metro General Manager

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## 2021 Capital Improvement Plan Capital Budget Proposal

dentifying Inf	formati	on						
Agency	r	Metro Transit		Proposa	ıl Name	Facilities Repairs and I	mr	
Project Number		5002		Project		Facilities Repairs and Imp Program		
Project Category		acility		Priority	· · ·	1		
2021 Project Num	ect Number 11230					1		
he program budget poiler. Funding in 20	t reflects th 121 is for Ph	e recommend nase 3A: maint	lations of a facility stu	ldy completed in 2018 Iration. Funding in 201	for the facility. Fu 22 is for Phase 3B:	ashington Avenue and nding in 2020 is for Pha administrative and sup	se 2: HVAC upgrade	es and installation o
udget Inform	nation							
Prior Appropri *Based on Fiscal Yea		9	\$10	0,259,142 <b>Prior Year</b>	Actual*	\$8,774,444	4	
udget by Funding	g Source							
Fundin	ng Source		2021	2022	2023	2024	2025	2026
Non-GF GO Borrowi	ing		10,805,000	10,000,000	540,000	40,000	40,000	40,000
		Total	\$10,805,000	\$10,000,000	\$540,000	\$40,000	\$40,000	\$40,000
ıdget by Expendi	iture Type	}						
	nse Type		2021	2022	2023	2024	2025	2026
Expen	nse Type		<b>2021</b> 10,805,000	<b>2022</b> 10,000,000	<b>2023</b> 540,000	<b>2024</b> 40,000	<b>2025</b>	<b>2026</b> 40,000
Expen	nse Type	Total						
Expensions	es from th	e <b>2020 CIP i</b> l	10,805,000	10,000,000 \$10,000,000	\$540,000 \$540,000	40,000 \$40,000	40,000	40,000
Expensuilding  Explain any change  Hasses 3C for bus stor	es from th grage and 4 e Element	e 2020 CIP in for exterior do	10,805,000 \$10,805,000 nthe proposed fund esign were moved to a different fundamental forms of the following states of the fol	\$10,000,000 \$10,000,000 stding for this prograthe horizons list during	540,000 \$540,000 am. g the 2020 budget	40,000 \$40,000	\$40,000	40,000 \$40,000
Expensions Expensions Strategy	es from th grage and 4 e Element	e 2020 CIP in for exterior do Land Use an Improve train	10,805,000 \$10,805,000 nthe proposed fund esign were moved to a different fundamental forms of the following states of the fol	10,000,000 \$10,000,000  ading for this prograthe horizons list during to peripheral employ	540,000 \$540,000 am. g the 2020 budget	40,000 \$40,000 process.	\$40,000	40,000 \$40,000
Expensuilding  Explain any change hases 3C for bus stored to citywide strategy Describe  Building human a	es from the rage and 4 Element how this pure the how this pure the requirement and equirement end end equirement end	e 2020 CIP in for exterior do Land Use an Improve train project advance ill lead to a releent. Air qualit	10,805,000 \$10,805,000  n the proposed function d Transportation nsit service, especially ces the Citywide Elem turn on investment w	10,000,000 \$10,000,000  stiding for this prograte the horizons list during the horizons list dur	\$540,000 \$540,000 am.  If the 2020 budget we will and resident and resident at provides a safe at don't have environt.	40,000 \$40,000  process.  fial locations, with a focential process for the focus of	\$40,000 \$40,000 student to the state of the	40,000 \$40,000 travel time for trans
Expension Building  Explain any change thases 3C for bus stored and the strategy pescribe  Building human a will impress will impress to the described and the strategy period of the strategy pescribe and the strategy pescribe and the strategy pescribe are strategy period of the strategy period of	es from the prage and 4 element element upgrade wand equipm rove transit	e 2020 CIP in for exterior do Land Use an Improve train oroject advance ill lead to a relent. Air qualit service as tim	10,805,000 \$10,805,000  In the proposed function  and Transportation  are transportation  and transportation  are transportation  and transportation  are transportation  and transportation  are transportati	10,000,000 \$10,000,000  stiding for this prograte the horizons list during the horizons list dur	\$540,000 \$540,000 am.  If the 2020 budget when and resident and resident at provides a safe at don't have environt.	40,000 \$40,000  process.  fial locations, with a focential process for the focus of	\$40,000 \$40,000 student to the state of the	40,000 \$40,000 travel time for trans
Expensions  Ruilding  Ruilding  Ruplain any change on the store of the	es from the prage and 4 element element upgrade wand equipm rove transit	e 2020 CIP in for exterior do for exterior do for exterior do for exterior do for exterior advance and to a relent. Air qualit service as time occation	10,805,000 \$10,805,000  In the proposed function  as transportation  as the Citywide Elem  turn on investment we are a equity issue for a lower and a	10,000,000 \$10,000,000  stiding for this prograte the horizons list during the horizons list dur	\$540,000 \$540,000 am.  If the 2020 budget when and resident and resident at provides a safe at don't have environt.	40,000 \$40,000  process.  fial locations, with a focential process for the focus of	\$40,000 \$40,000 student to the state of the	40,000 \$40,000 travel time for trans

Agency Requests

2021 Capital Budget

Project name	Est Cost	Location
Renovation Phase 3A Maintenance/ Mechanics Workspace Construction	\$7,322,633	1101 E Washington Ave
Renovation Phase 3A Maintenance/Mechanics Workspace Equipment	\$1,261,367	1101 E Washington Ave
Renovation Phase 3B Design Admin Operations/Dispatch	\$556,000	1101 E Washington Ave
5 Maintenance B li ft s for electric buses	\$1,500,000	1101 E Washington Ave
Building and Grounds Supervisor Position	\$80,000	1101 E Washington Ave
1% for Art	\$85,000	1101 E Washington Ave

#### Explain the justification for selecting projects planned for 2021:

The confined number of work bays limits the ability to provide preventative maintenance, consumed by active break-downs. Poor space layout, with their parts, tires, storage areas located at the far ends of the facilities, creates hours of lost time by staff. Prioritization for this phase was obtained from the Mead and Hunt facility study.

In order for Metro to comply with 100% renewable Madison \$1.5M was added to Metro's request in 2021 for five Maintenance area B lifts. These are needed to service electric buses and include the necessary fall protection associated with the electric buses as these are also serviced from the top.

#### 2022 Projects

Project Name	Est Cost	Location
	\$6,814,023	1101 E Washington Ave
Renovation Phase 3B Admin Operations/Dispatch Construction	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	\$1,075,977	1101 E Washington Ave
Renovation Phase 3B Admin Operations/Dispatch Equipment		
Transfer Driet Coursets Descript	\$950,000	1101 E Washington Ave
Transfer Point Concrete Repairs		
Dennis Cishalt Court and Denf	\$1,000,000	1101 E Washington Ave
Repair Gisholt Sawtooth Roof		
	\$80,000	1101 E Washington Ave
Building and Grounds Supervisor Position		
10/ for Art	\$80,000	1101 E Washington Ave
1% for Art		

#### Explain the justification for selecting projects planned for 2022:

The current configuration creates challenges to driver dispatch and stresses for Metro's drivers. A renovation to the building providing very basic amenities will produce results in creating safer drivers. There is currently a deficit in the quantity of toilet and locker room for women creating a gender equity issue.

Prioritization for this phase was obtained from the Mead and Hunt facility study.

Concrete at the transfer points has buckled in recent years resulting in costly emergency repairs.

\$1M repair for sawtooth portion of old Gisholt property roof.

#### 2023 Projects

Project Name	Est Cost	Location
Emergency building repair/refurbishment contingency	\$40,000	1101 E Washington Ave
Solar PV	\$500,000	1101 E Washington Ave

#### Explain the justification for selecting projects planned for 2023:

	rojects	roject name	Est Cost	Location
	rı	roject name		
Emerg	ency building repa	air/refurbishment contingency	\$40,000	1101 E Washington Ave
Explair	n the justification	n for selecting projects planned	l for 2024:	
2025 5	rojects			
2025 P		roject name	Est Cost	Location
		roject name	\$40,000	Location
Emerg	ency building repa	air/refurbishment contingency	\$40,000	1101 E Washington Ave
F1 - 1	. d t		l f 2025	
Explail	i the justification	n for selecting projects planned	1 tor 2025:	
Ongoir	ng replacement o	cycle of overhead garage doors a	and other mechar	nicals.
2026 5				
2026 P	Projects	roject name	Est Cost	Location
	r.	roject nume	\$40,000	
			\$40,000	
Fmerg	ency huilding rena	air/refurbishment contingency		1101 E Washington Ave
		n for selecting projects planned	l for 2026:	TIOTE Washington Ave
	ting Costs	annual operating costs associate	ed with the proje	cts planned within this program?
hat are	e the estimated a	annual operating costs associate	ed with the proje	cts planned within this program?
hat are	e the estimated a		ed with the proje	cts planned within this program?
hat are rsonne # of	e the estimated a	annual operating costs associate  Description	ed with the proje	cts planned within this program?
hat are rsonne # of	e the estimated a		ed with the proje	cts planned within this program?
hat are rsonne # of	e the estimated a	Description		cts planned within this program?  se as repairs will become more predictive in nature.
hat are rsonne # of FTEs	e the estimated a	Description		
hat are rsonne # of FTEs	e the estimated a	Description		
rsonne # of FTEs	e the estimated a	Description		
	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
rsonne # of FTEs on-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
rsonne # of FTEs on-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
hat are rsonne # of FTEs n-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
hat are rsonne # of FTEs n-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
rsonne # of FTEs on-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
hat are rsonne # of FTEs on-Pers Major 54	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
# of FTEs	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
hat are rsonne # of FTEs on-Pers Major 54	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
rsonne # of FTEs on-Pers	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	
# of FTEs  on-Pers Major 54	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.
rssonne # of FTEs on-Pers //ajor 54	e the estimated a	Description  It is anticipated that labor ove  Description	ertime will decreas	se as repairs will become more predictive in nature.

Submitted

			202	21 Capital Ir	nprovemei	nt Plan			
				Capital Bu	dget Proposa	al			
Identif	ying Informati	ion							
				Brance	sal Name				
Agency Project N		Metro Transit 10950		Project		Metro Satellite Bus F Project	acili		
_	niect Category			Priority					
,		Facility			,	2			
Descripti	ion								
Avenue lo		of Bus Rapid Tra				ility that alleviates spa ture fleet goal of 285 k			
Budget	Information								
Total	Project Budget			\$24,393,000 <b>Prio</b>	r Appropriation	\$14	,393,000		
Budget by	/ Funding Source								
- Buuget by	Funding Source		2024	2022	2022	2024	2025	2026	
Non-GF G	iO Borrowing		<b>2021</b> 5,921,387	2022	2023	2024	2025	2026	
Federal So			4,078,613						
		Total	\$10,000,000	\$0	\$0	\$0	\$0	\$0	
Budget by	Expense Type	e	2021	2022	2022	2024	2025	2026	
Building	Ехрепзе туре		10,000,000	2022	2023	2024	2025	2026	
		Total	\$10,000,000	\$0	\$0	\$0	\$0	\$0	
	ny changes from the in cost of \$6m based				ect.				
THOTICY	Citywide Element	Land Use and	Transportation						
	Strategy		Implement	bus rapid transit (BR	T) to improve trave	el times, enhance relial	oility, and increase ri	dership.	
	Facility expansion i overcrowding in th has been adopted	s a prerequisite f e current bus fac by the Common	cility and provide the Council. The increas	t (BRT) and expandin e capacity necessary	for planned servic serve to meet Racia	eral areas. The expans e expansions, including al Equity and Social Jus syment.	g a 15 mile Bus Rapio	d Transit System prop	
	What is the justific	cation for this pr	oject?						
	_		-	ystem to increase capa	acity to reduce travel	times and expand service	e.		
		-		planned for this locati	·				
Projec	t Schedule & I	_ocation							
	Can this project b	e mapped?	Yes	) No					
	What is the locati	ion of the proiec	t? 910 Maye	er Ave. Madison WI 5	53704				

2021 Capital Budget Agency Requests 277

Is this project on the Project's Portal?

2023 Sta	atus	us/Phase s/Phase	8050000 Est Cost	Description  It is anticipated that approximately 40 buses will be moved to alleviate overcrowding at the 1245
2023 Sta	Stat atus Statu			
2023 Sta	Stat atus Statu		Est Cost	
	atus Statu		LSt COSt	Description
	Statu	s/Phase		Description
	Statu	s/Phase		
2024 Sta		syr nuse	Est Cost	Description
2024 Sta	atus		231 0031	Description
2024 5.0				
		s/Phase	Est Cost	Description
	01410	5,1 11450	251 0051	
2025 Sta	atus			
		ıs/Phase	Est Cost	Description
	State	syr nuse	LSt COSt	Description
2026 Sta	atus			
-020 580		o /Dh man	Feb Cost	Description
	Statu	s/Phase	Est Cost	Description
	nnual Cost	Description		
# of And FTEs 10	872,000			nanics, 1 Building and Grounds Foreperson, 1 Operations Supervisor, and 4 Transit Operators. This pl
# of Ann	872,000	Salaries and benefits for 1 Pl		nanics, 1 Building and Grounds Foreperson, 1 Operations Supervisor, and 4 Transit Operators. This pl permanent operation at the new facility.
# of Ani FTEs 10	872,000	Salaries and benefits for 1 Pl assumes relocating 24 buses		
# of Ani FTEs 10	872,000	Salaries and benefits for 1 Pl		

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## 2021 Capital Improvement Plan Capital Budget Proposal

Identify	/ing	Inform	nation
Idelitii	71115		iation

 Agency
 Metro Transit
 Proposal Name
 Transit Coaches - Diesel

 Project Number
 85001
 Project Type
 Program

 Project Category
 Transportation
 Priority:
 5

 2021 Project Number
 11224

#### Description

This program is for the replacement of 15 fixed route diesel transit coaches annually. The goal of this program is to maintain an updated fleet of vehicles for Metro Transit's fixed route service. All transit coaches purchased through this program meet both EPA Emissions Standards and Americans with Disabilities Act (ADA) requirements. This program is for the replacement of 15 fixed route diesel transit coaches annually. The goal of this program is to maintain an updated fleet of vehicles for Metro Transit's fixed route service. All transit coaches purchased through this program meet both EPA Emissions Standards and Americans with Disabilities Act (ADA) requirements.

#### **Budget Information**

Prior Appropriation\*
\*Based on Fiscal Years 2015-2019

\$35,475,136 Prior Year Actual\*

\$33,493,583

#### **Budget by Funding Source**

Funding Source	2021	2022	2023	2024	2025	2026
Non-GF GO Borrowing	0				3,830,455	4,114,189
Federal Sources	0				4,611,545	4,749,811
Total	\$0	\$0	\$0	\$0	\$8,442,000	\$8,864,000

#### **Budget by Expenditure Type**

Expense Type	2021	2022	2023	2024	2025	2026
Machinery and Equipment	0				8,442,000	8,864,000
Tota	al \$0	\$0	\$0	\$0	\$8,442,000	\$8,864,000

#### Explain any changes from the 2020 CIP in the proposed funding for this program.

Metro is in the process of performing a route study where the results will be used in determining the appropriate quantity and types of buses for BRT. Current plans are to stack 2020 CIP funding from 2021-2024 to purchase buses for the BRT fleet acquisitions. Therefore, funding in these years has been shifted to the BRT project within the Transportation budget.

#### Priority

Citywide Element Land Use and Transportation

Strategy Improve transit service, especially to peripheral employment and residential locations, with a focus on reducing the travel time for transit depend

#### Describe how this project advances the Citywide Element:

Loss of the ability to provide for current service levels are projected to impact those routes which are more vulnerable due to ridership, but more necessary to ensure equitable transit to all parts of the City. Structural inequities present in the community could be exacerbated by the loss of these critical transit services. Metro will not be capable of reducing environmental impact as required through 100% renewable Madison Resolution adopted by Council. Additional funding is needed for buses, chargers and batteries to comply.

## **Project Schedule & Location**

#### 2021 Projects

Project name	Est Cost	Location	
2021 Capital Budget		Agonov Boguesto	270

2021 Capital Budget Agency Requests 279

	De	rainst nama	Est Cost	Location
	PI	oject name	Est Cost	
			\$0	U
alair	the justification	for colocting projects planne	d for 2021:	
piair	i the justification	n for selecting projects planne	d 101 2021:	
hicle	usage is reduced fro			n 12 to 15 years for 40 foot buses. Weekly usage for buses that are further along in their useful life cycle is decreased. Id typically driven only on school days instead of seven days per week. This has been moved to the Department of
022 P	rojects			
	Pr	oject Name	Est Cost	Location
urch	ase 15 diesel coa	ches		1101 E Washington Ave.
y repl heir u	acing 15 buses p	• •	maintain a replacer	nent cycle from 12 to 15 years for 40 foot buses. Weekly usage for buses that are further along in les per day to approximately 100 miles per day and typically driven only on school days instead of
	is been moved to rojects	the Department of Transporta	ation budget for th	e BRT fleet acquisition.
	Pr	oject Name	Est Cost	Location
Durch	aca 1E diacal car	chac		1101 E Washington Ave.
urch	ase 15 diesel coa	uiies		
xplair	the justification	for selecting projects planne	d for 2023:	
heir u				ment cycle from $12$ to $15$ years for $40$ foot buses. Weekly usage for buses that are further along in les per day to approximately $100$ miles per day and typically driven only on school days instead of
his ha	is been moved to	the Department of Transporta	ation budget for th	e BRT fleet acquisition.
024 P	rojects			
	Pi	oject name	Est Cost	Location
urch	ase 15 diesel coa	ches		1101 E Washington Ave.
		for selecting projects planne	d for 2024.	
his ha	is been moved to	the Department of Transporta	ation budget for th	e BRT fleet acquisition.
025 P	rojects		5.1.5	Tourist .
	Pi	roject name	Est Cost	Location
Purch	ase 15 diesel coa	ches	\$8,442,000	1101 E Washington Ave.
		n for selecting projects planne	16 0000	
By repl heir u	acing 15 buses p	er year, Metro will be able to r	maintain a replacer	ment cycle from 12 to 15 years for 40 foot buses. Weekly usage for buses that are further along in les per day to approximately 100 miles per day and typically driven only on school days instead of
	rojects			
	Pi	roject name	Est Cost	Location
Purch	ase 15 diesel coa	ches	\$8,864,000	1101 E Washington Ave.
			16	
xplair	the justification	n for selecting projects planne	a tor 2026:	
heir u	: 1F b			
		•	•	nent cycle from 12 to 15 years for 40 foot buses. Weekly usage for buses that are further along in les per day to approximately 100 miles per day and typically driven only on school days instead of
era <sup>.</sup>	seful life cycle is	•	•	nent cycle from 12 to 15 years for 40 foot buses. Weekly usage for buses that are further along in les per day to approximately 100 miles per day and typically driven only on school days instead of
	seful life cycle is days per week. ting Costs	decreased. Vehicle usage is red	duced from 250 mi	
at are	seful life cycle is days per week.  ting Costs  the estimated a	decreased. Vehicle usage is red	duced from 250 mi	les per day to approximately 100 miles per day and typically driven only on school days instead of
	seful life cycle is days per week.  ting Costs  the estimated a	decreased. Vehicle usage is red	duced from 250 mi	les per day to approximately 100 miles per day and typically driven only on school days instead of

Non-Perso	nnel	
Major	Amount	Description
Notes		
Notes:		
		v05/04/20

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# 2021 Capital Improvement Plan

				Capital Bud	dget Proposa	I			
Identify	ying Informat	tion							
Agency		Metro Transit		Proposa	al Name	Town sit Court on the sun of			
Project N	umber	85003		Project		Transit System Upgrad Program	es		
-	Project Category		Priority						
•	other other			•	4				
2021 PIO	ject Number	11236							
Descripti	on								
tools used	for the services pro	ovided. Funding i	n 2020 is for two sup		tudy to plan for the	ove the efficiency of Me e future upgrade of the em upgrade.			
Budget	Information								
	Appropriation* on Fiscal Years 2015-20	019	\$1	1,740,786 <b>Prior Yea</b> i	Actual*	\$1,650,330	D		
Budget by	Funding Source								
	Funding Source		2021	2022	2023	2024	2025	2026	
Non-GF G	O Borrowing		51,000	124,000	56,000	129,000	446,000	178,000	
		Total	\$51,000	\$124,000	\$56,000	\$129,000	\$446,000	\$178,000	
Budget by	Expenditure Type	oe .	2021	2022	2023	2024	2025	2026	
Machinery	y and Equipment		51,000	124,000	56,000	129,000	446,000	178,000	
		Total	\$51,000	\$124,000	\$56,000	\$129,000	\$446,000	\$178,000	
			· ·	ding for this progr		are.			
Priority									
rilolity	Citywide Element	Land Use and	Transportation						
	Strategy	zana oscana	· ·	ment new technologi	es to more efficient	tly use existing transpo	rtation infrastructur	re.	
	Describe how this	project advance	s the Citywide Elem	ent:					
	that there is neve	r downtime in the		stem. Another measu		cement and Metro to e of polling for bus locat			
Project	: Schedule &	Location							

Project name

Support Vehicles

2021 Capital Budget

Est Cost

Location \$51,000 1101 E Washington Ave

Agency Requests

Project name	Est Cost	Location
Fleet Expansion & Runningway Enhancements		

#### Explain the justification for selecting projects planned for 2021:

Replacement vehicles are used to transport drivers to relief points. Vehicles need to be reliable so that relief drivers have the ability to be punctual when relieving mainline drivers.

#### 2022 Projects

Project Name	Est Cost	Location
Command Malabata	\$54,000	1101 E Washington Ave
Support Vehicles		
	\$70,000	1101 E Washington Ave
Utility truck		

#### Explain the justification for selecting projects planned for 2022:

Replacement vehicles are used to transport drivers to relief points. Vehicles need to be reliable so that relief drivers have the ability to be punctual when relieving mainline drivers. Building and Grounds equipment such as utility trucks must be reliable and safe in order to support the operational infrastructure. Currently, four of the seven utility trucks are over fifteen years old beyond their seven year useful life. Supervisor vehicles are used by road supervisors and for emergency calls.

#### 2023 Projects

Project Name	Est Cost	Location
	\$56,000	1101 E Washington Ave
Support Vehicles		

#### Explain the justification for selecting projects planned for 2023:

Replacement vehicles are used to transport drivers to relief points. Vehicles need to be reliable so that relief drivers have the ability to be punctual when relieving mainline drivers. Building and Grounds equipment must be reliable and safe in order to support the operational infrastructure. Supervisor vehicles are used by road supervisors and for emergency calls.

#### 2024 Projects

Project name	Est Cost	Location
Commant Valida	\$59,000	1101 E Washington Ave
Support Vehicles		
	\$70,000	1101 E Washington Ave
Utility Truck		

#### Explain the justification for selecting projects planned for 2024:

Replacement vehicles are used to transport drivers to relief points. Vehicles need to be reliable so that relief drivers have the ability to be punctual when relieving mainline drivers. Building and Grounds equipment such as utility trucks must be reliable and safe in order to support the operational infrastructure. Currently, four of the seven utility trucks are over fifteen years old beyond their seven year useful life. Supervisor vehicles are used by road supervisors and for emergency calls.

#### 2025 Projects

Project name	Est Cost	Location
Support Vehicles	\$61,000	1101 E Washington Ave
Scrubbers (two)	\$140,000	1101 E Washington Ave
Sweeper	\$200,000	1101 E Washington Ave
Forklift	\$45,000	1101 E Washington Ave

#### Explain the justification for selecting projects planned for 2025:

Replacement vehicles are used to transport drivers to relief points. Vehicles need to be reliable so that relief drivers have the ability to be punctual when relieving mainline drivers. Building and Grounds equipment must be reliable and safe in order to support the operational infrastructure. Two scrubbers and a forklift will be well beyond their useful life. The current sweeper will be at its useful life. Supervisor vehicles are used by road supervisors and for emergency calls.

#### 2026 Projects

Project name	Est Cost	Location
support vehicles	\$64,000	
support vernicles		
		1101 E Washington Ave
	\$74,000	
Utility Truck		
		1101 E Washington Ave

	P	roject name	Est Cost	Location
	ngs and Grounds ement	s other equipment	\$40,000	1101 E Washington Ave
Explair	the justification	n for selecting projects pla	anned for 2026:	
equipme life. Sup	ent such as utility tr		n order to support the opera	reliable so that relief drivers have the ability to be punctual when relieving mainline drivers. Building and Grounds tional infrastructure. Currently, four of the seven utility trucks are over fi ft een years old beyond their seven year usefu
/hat are	the estimated a	annual operating costs ass	sociated with the projec	its planned within this program?
ersonne # of FTEs	Annual Cost	Description		
on-Pers	onnel			
Major	Amount	Description		
es				
s:				

Submitted

			202	21 Capital In	nproveme	nt Plan			
				•	dget Propos				
Identif	ying Informat	ion							
Agency		Metro Transit		Propos	al Name	T "T     C			
Project N		13120		Project		Transit Technology So Project	yster		
Project C	ategory			Priority		-			
	ategory	Other			,	3			
Descripti	on								
this projec	ct is to integrate a co	mprehensive tr	ansit technology solu	ition for all major bu	s hardware and so	tions, vehicle location, ftware components. Pr downtime in the comr	ogress will be measi	ured by increased f	-
Budget	Information								
Total I	Project Budget			\$10,000,000 <b>Prior</b>	r Appropriation		\$0		
Dood and boo	. F din - Caa								
buaget by	Funding Source								-
	Funding Source		2021	2022	2023	2024	2025	2026	_
GF GO Bo	rrowing		10,000,000						_
		Total	\$10,000,000	\$0	\$0	\$0	\$0	\$0	-
Budget by	Expenditure Typ	e	2021	2022	2023	2024	2025	2026	
Machiner	y and Equipment		10,000,000						
		Total	\$10,000,000	\$0	\$0	\$0	\$0	\$0	
-	t has been separated	d from the trans				M based on cost estima	ates from recent pro	jects completed by	/ peer
	Strategy			ment new technolog	ies to more efficie	ntly use existing transp	ortation infrastructu	ıre.	
	Describe how this	project advanc	es the Citywide Elem	ent:					
	that there is minin	nized downtime		n system. Another m		orcement and Metro to uency of polling for bu			
	What is the justification for this project?								
	what is the justin	cation for this p	oroject:						
	time. Messaging also	occurs between di cult to obtain. This	spatch, drivers, and rider	vehicle location applicat	ions. The system curre	ws Metro to operate much ently being used by Metro is schnology that can be used	s beyond its useful life ar	nd is no longer being m	nanufacture

**Project Schedule & Location** 

Can this project be mapped? 2021 Capital Budget



Agency Requests

Stotus   S		What is the location of the project?		1101 E Washington Ave, Madison WI 53703					
Status   Phase   Est Cost   Description		Is this project	on the Project's Portal?	○ Yes					
10000000   Bus Hardware/Software technological updates	2021	Status							
Status/Phase Est Cost Description  Description  Analy Cost Status  Description  Description  Description  Description  Description  Status/Phase Est Cost Description  Description  Description  Description  Description  Description  Description  Status/Phase Est Cost Description  Description  Description  Description  Description  It is anticipated there will be an ongoing maintenance agreement costs associated with the hardware/software replacement of the TransitMaster  It is anticipated there will be an ongoing maintenance agreement costs associated with the hardware/software replacement of the TransitMaster		Stat	tus/Phase	Est Cost	Description				
Status/Phase Est Cost Description  Status/Phase Description  Status/Phase Description  Status/Phase Est Cost Description				10000000	Bus Hardware/Software technological updates				
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It is anticipated there will be an ongoing maintenance agreement costs associated with the hardware/software replacement of the TransitMaste System. These are not new costs, as there are maintenance costs for the existing system.	hat are rsonnel # of FTEs on-Perso	Annual Cost  onnel  Amount	Description	ciated with the pi	roject?				
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## City of Madison 2020 Authorized Projects

Summary Status

Agency : Metro Transit

# of Projects on Schedule

4

# of Projects Delayed

1

Project	2020	Budget	Status Delayed will be started in 2020 but	Notes
Metro Satellite Bus Facility		12,893,000	not completed	Expectation that this phase will be completed in 2021
Transit Coaches - Diesel		5,825,000	On schedule	
Facilities Repairs and Improvement		8,440,000	On schedule	
				Metro is going through an RFI process before determining if a consultant for the ITS project specs is
Transit System Upgrades		221,000	On schedule	needed.
Transit Coaches - Electric		1,456,000	On schedule	
TOTAL	\$	28,835,000		