

ATTACHMENT B: 2023-2027 CAPITAL IMPROVEMENT PROGRAM

	2023	2024	2025	2026	2027
<b>Total</b>	5,093,710	9,470,809	4,533,454	3,991,232	27,334,688
<i>Federal</i>	4,617,250	6,068,069	3,626,763	3,192,986	13,805,824
<i>State</i>	184,000	1,796,640	302,585	340,963	8,061,926
<i>Local</i>	292,460	1,696,100	604,105	457,283	5,466,938
<i>Local: Bonding</i>	166,500	1,216,640	242,585	280,963	5,374,618
<i>Local: Mun.</i>	125,960	479,460	361,520	176,320	92,320
<i>Local: Debt Serv.</i>	232,637	343,361	371,861	404,735	899,597
<b>Total</b>	358,597	822,821	733,381	581,055	991,917

<b>1 METRO REPLACEMENT FACILITY</b>	2023	2024	2025	2026	2027	
<b>1a. Property Acquisition: 151 St. John's Street</b> <i>Federal assistance estimated at 50%; State assistance estimated at 30%. Local funding assumed to come from bonding.</i>						
	<b>Total</b>	-	5,200,000	-	-	-
	<i>Federal</i>	-	2,600,000	-	-	-
	<i>State</i>	-	1,560,000	-	-	-
	<i>Local</i>	-	1,040,000	-	-	-
<b>1b. Replacement Facility: Planning-Design</b> <i>Common practice is to budget 8% of a facility's estimated construction cost for planning-design-engineering.</i>						
	<b>Total</b>	175,000	600,000	600,000	600,000	-
	<i>Federal</i>	140,000	480,000	480,000	480,000	-
	<i>State</i>	17,500	60,000	60,000	60,000	-
	<i>Local</i>	17,500	60,000	60,000	60,000	-
<b>1c. Replacement Facility</b> <i>Federal assistance estimated at 50%; State assistance estimated at 30%. Local funding assumed to come from bonding.</i>						
	<b>Total</b>	-	-	-	-	25,000,000
	<i>Federal</i>	-	-	-	-	12,500,000
	<i>State</i>	-	-	-	-	7,500,000
	<i>Local</i>	-	-	-	-	5,000,000

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2	FLEET STATE OF GOOD REPAIR	2023	2024	2025	2026	2027	
2a.	<b>Mid-Life Fleet Refurbishment (2018 Series)</b> <i>Replacement of major components and vehicle refurbishment of 11 2018 New Flyers. 7 buses programmed for 2024 and 4 programmed for 2025.</i>	<b>Total</b>	-	420,000	247,200	-	-
		Federal	-	336,000	197,760	-	-
		State	-	-	-	-	-
		Local	-	84,000	49,440	-	-
2b.	<b>Mid-Life Fleet Refurbishment (2019 Series)</b> <i>Replacement of major components and vehicle refurbishment of 6 2019 New Flyers. 3 buses programmed for 2025 and 3 programmed for 2026.</i>	<b>Total</b>	-	-	185,400	190,800	-
		Federal	-	-	148,320	152,640	-
		State	-	-	-	-	-
		Local	-	-	37,080	38,160	-
2c.	<b>Mid-Life Fleet Refurbishment (2020 Series)</b> <i>Replacement of major components and vehicle refurbishment of 7 2020 New Flyers. 3 buses programmed for 2026 and 4 programmed for 2027.</i>	<b>Total</b>	-	-	-	190,800	261,600
		Federal	-	-	-	152,640	209,280
		State	-	-	-	-	-
		Local	-	-	-	38,160	52,320
3	BUS PURCHASES (REPLACEMENTS)	2023	2024	2025	2026	2027	
3a.	<b>Breez Bus Replacements</b> <i>Federal funding awarded in FY 2022 to replace 4 original Breez buses. Buses scheduled for delivery in early 2023. Local match sourced with bond funds and state funding.</i>	<b>Total</b>	2,220,000	-	-	-	-
		Federal	1,887,000	-	-	-	-
		State	166,500	-	-	-	-
		Local	166,500	-	-	-	-
3b.	<b>Seven 2011 Series Buses Replacements</b> <i>The OEM useful life for heavy duty buses is 12 years; the FTA Useful Life Benchmark (ULB) is 14 years. Metro aims to replace buses between years 13 and 14 in order to allow flexibility based on individual buses' condition. Replacement buses assumed to be diesel.</i>	<b>Total</b>	-	1,766,399	2,425,854	-	-
		Federal	-	1,413,119	1,940,683	-	-
		State	-	176,640	242,585	-	-
		Local	-	176,640	242,585	-	-
3c.	<b>Five 2014 Series Buses Replacements</b> <i>The OEM useful life for heavy duty buses is 12 years; the FTA Useful Life Benchmark (ULB) is 14 years. Metro aims to replace buses between years 13 and 14 in order to allow flexibility based on individual buses' condition. Replacement buses assumed to be battery-electric.</i>	<b>Total</b>	-	-	2,809,632	1,873,088	
		Federal	-	-	2,247,706	936,544	
		State	-	-	280,963	561,926	
		Local	-	-	280,963	374,618	

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4 BUS PURCHASES (EXPANSION)	2023	2024	2025	2026	2027	
4a. <b>ARPA Funded Service Improvements</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
4b. <b>Transit Together Service Improvements</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
4c. <b>Breez South</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
4d. <b>Rapid Transit Implementation</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
5 BATTERY ELECTRIC BUS INFRASTRUCTURE	2023	2024	2025	2026	2027	
5a. <b>Garage Chargers-Dispensers</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
5b. <b>On-Route Charging</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-

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6 EXISTING FACILITIES		2023	2024	2025	2026	2027
6a. <b>HVAC Replacement</b> <i>TBD</i>	<b>Total</b>	-	-	-	-	-
	<i>Federal</i>	-	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
6b. <b>Back-up Generator</b> <i>TBD</i>	<b>Total</b>	125,000	-	-	-	-
	<i>Federal</i>	100,000	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	25,000	-	-	-	-
6c. <b>Compressed Natural Gas Station</b> <i>Station rehabilitation and compressor replacement.</i>	<b>Total</b>	-	300,000	-	-	-
	<i>Federal</i>	-	240,000	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	60,000	-	-	-
6d. <b>Safety-Security Maintenance/Upgrades</b> <i>Replace/upgrade facility surveillance system, integrate ID badging access, harden access/exit points.</i>	<b>Total</b>	-	50,000	-	-	-
	<i>Federal</i>	-	40,000	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	10,000	-	-	-
7 SUPPORT VEHICLES		2023	2024	2025	2026	2027
7a. <b>Support vehicle replacement</b> <i>Replace operations support vehicle acquired in 2013. Add CARES Funded Shuttle</i>	<b>Total</b>	50,000	-	-	-	-
	<i>Federal</i>	40,000	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	10,000	-	-	-	-
7b. <b>Bus Operator Shuttle</b> <i>CARES Act funded employee shuttle intended to accommodate transport of drivers to/from base to Elm Street transit center.</i>	<b>Total</b>	55,000	-	-	-	-
	<i>Federal</i>	55,000	-	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	-	-	-
7c. <b>Maintenance/Plow Truck</b> <i>Replacement of 2013 GMC Sierra 3500 Pick-up with plow which as exceeded its useful life.</i>	<b>Total</b>	-	65,000	-	-	-
	<i>Federal</i>	-	52,000	-	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	13,000	-	-	-
7d. <b>Skid Steer: Bus Stop/Sidewalk Plow</b> <i>Equipment to improve snow clearing from bus stops, adjacent sidewalks, and facility.</i>	<b>Total</b>	-	-	100,000	-	-
	<i>Federal</i>	-	-	80,000	-	-
	<i>State</i>	-	-	-	-	-
	<i>Local</i>	-	-	20,000	-	-

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8	BUS STOP IMPROVEMENTS	2023	2024	2025	2026	2027	
8a.	<b>General Bus Stop Improvements</b> <i>Comprehensive improvements including accessibility, shelters, signs, amenities, lighting, information.</i>	<b>Total</b>	-	<b>125,000</b>	<b>125,000</b>	<b>200,000</b>	<b>200,000</b>
		<i>Federal</i>	-	<i>100,000</i>	<i>100,000</i>	<i>160,000</i>	<i>160,000</i>
		<i>State</i>	-	-	-	-	-
		<i>Local</i>	-	<i>25,000</i>	<i>25,000</i>	<i>40,000</i>	<i>40,000</i>
8b	<b>Transit Stop Access Project</b> <i>Planning and design work completed in prior years. Amounts shown are for construction. Additional funding awarded as part of the 2022 ARPA funding allocation. Metro is applying for \$850,000 in FTA Section 5307 formula funding through PACTS set-aside program for transit enhancements.</i>	<b>Total</b>	<b>1,559,060</b>	<b>624,410</b>	<b>850,000</b>		
		<i>Federal</i>	<i>1,485,600</i>	<i>550,950</i>	<i>680,000</i>	-	-
		<i>State</i>	-	-	-	-	-
		<i>Local</i>	<i>73,460</i>	<i>73,460</i>	<i>170,000</i>	-	-
9	TECHNOLOGY INTEGRATIONS	2023	2024	2025	2026	2027	
9a.	<b>Staff Timekeeping Software</b> <i>Identified need, as yet unfunded. There may be an alignment with the AVL project.</i>	<b>Total</b>	-	<b>150,000</b>	-	-	-
		<i>Federal</i>	-	<i>120,000</i>	-	-	-
		<i>State</i>	-	-	-	-	-
		<i>Local</i>	-	<i>120,000</i>	-	-	-
8b	<b>Transit Signal Priority</b> <i>Metro awarded \$500,000 in federal ARPA funding to install transit signal priority technology along Washington Avenue and Forest Avenue in Portland. Additional \$170,000 applied for through PACTS FTA Section 5307 formula set-aside program for transit enhancements (pending approval). Additional award would add TSP to Brighton Ave. and Congress Street.</i>	<b>Total</b>	<b>500,000</b>	<b>170,000</b>	-		
		<i>Federal</i>	<i>500,000</i>	<i>136,000</i>	-	-	-
		<i>State</i>	-	-	-	-	-
		<i>Local</i>	-	<i>34,000</i>	-	-	-
8b	<b>CAD/AVL System Replacement</b> <i>This project consolidates prior CARES Act funding amounts for Automatic Voice Announcement (\$84k), UV Light Equipment (\$84k), and CARES Act funding recently allocated by PACTS for CAD/AVL replacement (\$242k). Approximately \$750k will be require to replace the existing AVL system to include AVL, CAD, APC, AVA</i>	<b>Total</b>	<b>409,650</b>	-	-		
		<i>Federal</i>	<i>409,650</i>	-	-	-	-
		<i>State</i>	-	-	-	-	-
		<i>Local</i>	-	-	-	-	-