Greater Portland Transit District: 2020-2024 Capital Improvement Program (CIP)

	PROJECT NAME-DESCRIPTION P Local Share + Annual Debt Service on Fleet Purchases	FUNDING SOURCES	2019	2020 310,362	2021 475,022	2022 452,685	2023 426,036	2024 422,681	5-Five Year Program 2,086,786
Debt Seri	Debt Service (principal + interest) - includes Breez buses		240,882	285,200	306,547	276,001	287,757	274,402	1,429,906
TOTAL	Metro Facility This category contemplates moving toward an expanded or new Metro facility following appropriate study. The proposed 2019 project is a planning project to conduct a feasibility study for either an expanded or new facility.	Local Share (Metro) Local Share (Other) Federal Grant (5307) Federal Grant (5339) State Locally Issued Bond TOTAL INVESTMENT Local Share Local Share (Other) Federal Grant (5307) Federal Grant (5339) State Locally Issued Bond Project Total	166,000 9,000 3,601,688 1,145,000 - 468,105 5,389,793 15,000 50,000	25,162 6,498 3,542,510 - 1,500,000 693,958 5,768,128	168,475 96,000 592,250 214,792 52,500 120,000 1,244,017	176,684 - 1,054,813 - 53,550 - 1,285,047	138,279 - 1,169,368 108,750 1,416,397	148,279 80,000 1,141,693 - - 213,144 1,583,116	656,880 182,498 7,500,633 214,792 1,606,050 1,135,852 11,296,705
3	Fleet Major Components The 2020 federal amount represents the estimated cost to purchase and install "yield-to-bus" equipment on 35 buses. The remaining 9 units will be sourced as part of replacement bus purchases. The local match is shown as \$0 as staff recommends repurposing \$8,000 in previously approved local match for a bus repaint project that was not implemented. The 2021-22 amounts represents a mid-life engine replacement campaign for the agency's 5 2014 CNG Gillig buses. Safety-Security Metro plans to hire third party support to complete required security plans	Local Share Local Share (Other) Federal Grant (5307) Federal Grant (5339) State Locally Issued Bond Project Total Local Share	-	32,000	14,000 56,000 70,000	21,630 86,520 108,150	-	-	35,630 - 174,520 - - - 210,150
	develop recommendations for high priority facility improvements. Funding proposed in 2019-2020 would complete facility security improvements.	Local Share (Other) Federal Grant (5307) Federal Grant (5339) State Locally Issued Bond Project Total	-	-	40,000 50,000	-	-	-	- 40,000 - - - - 50,000

#	PROJECT NAME-DESCRIPTION	FUNDING SOURCES	2019	2020	2021	2022	2023	2024	5-Five Year Program
4	Bus Purchases (Replacement)	Local Share			26,250	26,775			53,025
	Purchase new buses to replace existing buses that have exceeded their useful life. This project includes the replacement of the thirteen (13) 35 foot 2005 Gillig CNG buses over the course of 2019-2020. Six (6) buses will be replaced in 2019 and nine (9) will be replaced in 2020. All replacement buses will be 40' diesel New Flyers using Metro's existing contract with New Flyer. Bus purchases in 2021-2022 are to replace the 2016-17 Metro Breez shuttles with heavy-duty 35-40 foot buses. Purchases in 2023-2024 start the replacement cycle for the agencies seven 2011 Gillig buses.	Local Share (Other)							-
		Federal Grant (5307)	2,851,688	3,343,871	446,250	455,175	616,250	628,575	5,490,121
		Federal Grant (5339)							-
		State			52,500	53,550			106,050
		Locally Issued Bond	468,105	693,958	-	-	108,750	113,144	915,852
		Project Total	3,319,793	4,037,829	525,000	535,500	725,000	741,719	6,565,048
5	Battery Electric Pilot Bus Project Metro secured \$1,145,000 from FTA's Low-No Emmission Grant Program to	Lacal Chaus			04.225				04 225
		Local Share		-	84,225				84,225
	purchase two (2) electirc buses with supporting charging infrastructure.	Local Share (Other)	100,000						-
	These two (2) buses will replace two (2) of the four (4) 2004 Gillig Diesel buses in 2020. The state of Maine has committed up to \$1.5 million to support Metro's share of this mult-agency project.	Federal Grant (5307) Federal Grant (5339)	100,000 1,145,000						-
		State	1,143,000	1,500,000					1,500,000
		Locally Issued Bond		1,300,000					-
		Project Total	1,245,000	1,500,000	84,225	-	-	-	1,584,225
6	Equipment (Facility) This project anticipates replacing Metro's automatic bus wash facility in 2021 (presuming the whole facility is neither rebuilt nor replaced). A facility back-up generator will require replacement between 2022-2024.	Local Share (Other)			24,000	-	-	20,000	44,000
		Federal Grant (5307)			96,000	-	-	80,000	176,000
		Federal Grant (5339)			-	-	-	-	-
		State							-
		Locally Issued Bond							-
		Project Total	-	-	120,000	-	-	100,000	220,000
7	Equipment (Support Vehicles) Metro operates five support vehicles including three (3) maintenance trucks and two (2) operations/administrative vehicles. In accordance with Metro's Transit Asset Management plan, one of the maintenance trucks (a 2010 F-350 Ford truck) is scheduled for replacement in 2023.	Local Share					10,000		10,000
		Local Share (Other)							-
		Federal Grant (5307)					40,000		40,000
		Federal Grant (5339)							-
		State							-
		Locally Issued Bond							-
		Project Total	-	-	-	-	50,000	-	50,000
8	Bus Stop Improvement Project	Local Share (Metro)	10,000	10,000	10,000	40,000	40,000	40,000	140,000
	The 2019 project secured local match for a future bus stop improvement project aimed at improving overall conditions at bus stops system wide. The associated federal amounts need to be applied for thru the PACTS process or other grant program. Amounts programmed for 2020-2021 are needed to support any needed bus stop improvements on the Portland Peninsula based on the planned restructure of bus routes.	Local Share (Other)	10,000	10,000	10,000	40,000	40,000	40,000	140,000
		Federal Grant (5307)		80,000	50,000	160,000	160,000	160,000	610,000
		Federal Grant (5339)		30,003	23,000			_30,000	-
									-
		Locally Issued Bond							-
		Project Total	10,000	90,000	60,000	200,000	200,000	200,000	750,000

#	PROJECT NAME-DESCRIPTION	FUNDING SOURCES	2019	2020	2021	2022	2023	2024	5-Five Year Program
9	Transit Stop Access Project	Local Share (Metro)	21,000	15,162	2021	88,279	88,279	88,279	280,000
	This is a regional project that will make targeted ADA, pedestrian and bicycle improvements at/near Metro's bus stops and potentially build 1-3 min-hubs. The project will be coordinated with applicable cities/towns as necessary.		9,000	6,498		00,273	00,273	00,273	6,498
		Federal Grant (5307)	120,000	86,639		353,118	353,118	353,118	1,145,992
		Federal Grant (5339)	120,000	80,039		333,118	333,110	333,110	1,143,552
		State	-						-
			-						-
		Locally Issued Bond	450,000	400 200		444 207	444 207	444 207	- 4 422 400
		Project Total	150,000	108,299	-	441,397	441,397	441,397	1,432,490
10	Electronic Messaging Signs								
10	Following the deployment of the AVL system, this project will install electronic messaging signs that provide real-time bus arrival information at high volume transit centers/bus shelters. This is a regional project with Metro as lead agency. Federal funding (\$214,792) allocated to this project has yet to be placed into an active grant as staff needs to work with PACTS, FTA and regional partners to isolate the proper funding. The local match(\$42,958) was secured and set aside in 2017.	Local Share	-	-	-	-	-	-	-
		Local Share (Other)	-	-	-	-	-	-	-
		Federal Grant (5307)	-	-	-	-	-	-	-
		Federal Grant (5339)	-	-	214,792	-	-	-	214,792
		State	-	-	-	-	-	-	-
		Locally Issued Bond	-	-	-	-	-	-	-
		Project Total	-	-	214,792	-	-	-	214,792
									-
11	Electronic Fare Collection System This project will replace Metro's aging fare collection system with an electronic fare collection system. The new system will support payments using smart cards and mobile apps while maintaining options for payning cash. The anticpated strategy involves layering smart fare payment system onto traditional cash based fareboxes.	Local Share	120,000						-
		Local Share (Other)	-						-
		Federal Grant (5307)	480,000						-
		Federal Grant (5339)	-						-
		State	-						-
		Locally Issued Bond	-						-
		Project Total	600,000	-	-	-	-	-	-