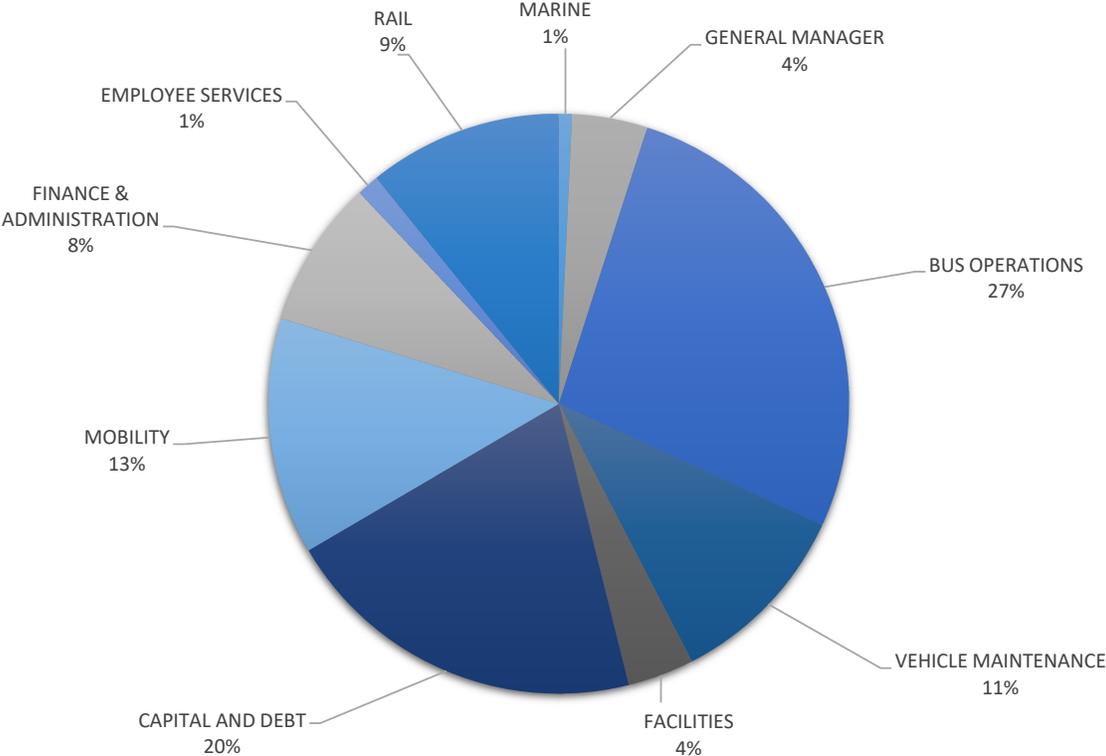
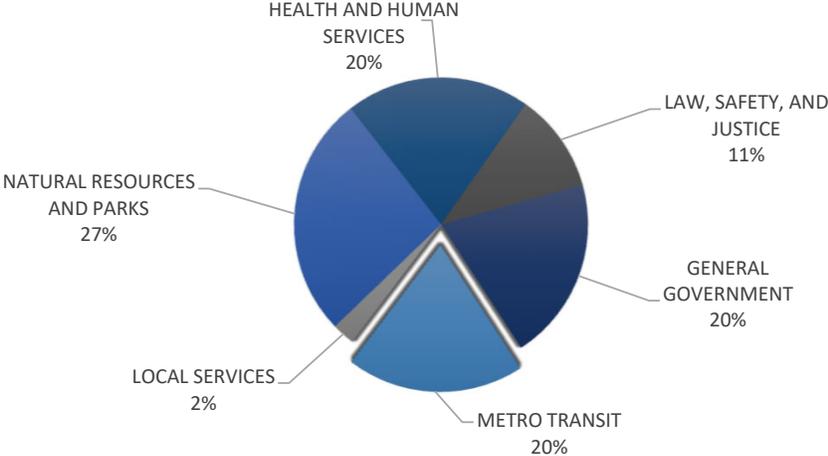


METRO TRANSIT

Metro Transit \$3.1 Billion



Capital and Debt: Public Transportation Construction, Public Transportation Revenue Fleet Capital, Transit Debt Service
 Due to rounding, figures in pie chart may not add to 100%.

METRO TRANSIT DEPARTMENT

MISSION

King County Metro delivers the best possible public transportation services and improves regional mobility and quality of life in King County.

OVERVIEW

King County Metro is the largest public transportation agency in the Puget Sound region, serving 2.2 million people living in diverse and growing communities throughout King County's 39 cities along with the millions of people who visit or work in King County. Metro serves communities through a regional network of traditional and new transportation services that get people where they want to go, when they want to get there, while contributing to healthy communities, a thriving economy, and a sustainable environment. Metro provides bus, paratransit, vanpool and water taxi services, and operates Seattle Streetcar, Sound Transit Link light rail, and Sound Transit Express bus service.

As a value-driven, data-supported organization, Metro aims to be adaptable and lead with its core values—equity, sustainability, and safety—while responding to these challenges. To that end, Metro envisions a regional mobility network that is integrated, innovative, safe, equitable, and sustainable.

Metro is committed to leading with race and advancing social equity by investing where need is greatest to dismantle the history of inequities that have all too often been created or furthered by government processes and services. Metro also recognizes its responsibility to address the climate crisis, given the unique role transit can play. Metro will do this work while putting the safety of customers and employees first.

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2021-2022 Revised Budget	2,078,836,083	2,512,957,869	5,367.4	172.5
Base Budget Adjustments	56,540,733	(321,160,407)	4.2	(150.5)
Decision Package Adjustments	336,240,439	145,794,019	463.1	69.5
2023-2024 Executive Proposed Budget	2,471,617,255	2,337,591,481	5,834.7	91.5
2023-2024 Executive Proposed Ordinance	2,471,618,000	2,337,592,000	5,834.7	100.5

Notes

1. The 2021-2022 Revised Budget equals the 2021-2022 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove 2021-2022 one-time changes including those related to pandemic response, annualize supplemental changes, and update personnel rates. Personnel budgets reflect projected 2023-2024 salary and benefit rates, current position classifications, and step/merit increases.
3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Direct Service Changes				
(DS_001) Direct Bus Service Restoration and Increases Provide resources to support an additional 191,000 service hours above 2022 projected service levels, including adjustments for Sound Transit and Seattle supported service. Resources include Bus Operators, vehicle maintenance staff, propulsion power, coach parts, and diesel.	12,418,680	0	18.0	0.0
(DS_002) Contracted and Mobility Service Changes Adds resources to support a variety of new and ongoing mobility services throughout King County. Services include Community Shuttles, Trailhead Direct routes, VIA shuttles, Vanpool services, Access paratransit, and resources to specifically invest in unincorporated and rural communities.	27,915,314	0	2.0	(2.0)
(DS_003) Bus Operations Training Capacity and Employee Support Increase Bus Operations supervisory staff and supervisors in training to provide support and training to bus operators and better position Metro to be able to fill vacancies from increased attrition and retirements in these roles. As service is restored and increases and bus operators are added to the workforce, it is essential to have these roles to support that growth.	3,138,879	0	11.0	0.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
<p>(DS_004) Bus, Shelter, and Facility Cleaning and Maintenance Fund the continuation of enhanced cleaning practices implemented in 2020 on buses and at Metro operating facilities; provide staff to address backlog in preventative maintenance of Metro facilities; and fund Marine facilities and equipment repair and maintenance.</p>	10,327,519	0	47.0	23.0
<p>(DS_005) Fleet Electrification Personnel Support the conversion of Metro's fleet to zero-emissions vehicles with added staff in Metro's operating divisions. This includes staff in Metro's Facilities and Vehicle Maintenance divisions that will focus on the design, installation, and operating impacts of charging infrastructure, and resources in the Mobility division to support service planning and planning for contracted services vehicles. These resources are in addition to staff in Metro's Capital Division that will be focused on the overall delivery of infrastructure and fleet.</p>	1,289,475	0	12.0	3.0
<p>(DS_006) SaFE Reform Implementation Strategies Continue the development and execution of the SaFE Reform implementation strategies with the intent to reimagine safety and security functions to ensure equitable and safe services to customers and employees. This proposal would add resources to support engagement with customers and employees, external coordination with peers and partners, and the deployment of pilots related to the customer experience.</p>	3,838,711	500,000	0.0	1.0
<p>(DS_007) Advanced Service Management Operations Pilot Implement operational improvements for the management of bus service based on headway, the time between buses, rather than a schedule to deliver reliable, evenly spaced service. This new way of operating will require updated business processes and technology in the Transit Control Center, on board Metro coaches, and in the field. The Active Service Management (ASM) program will deliver more reliable service for customers and result in better quality breaks for employees.</p>	3,667,427	0	4.0	6.0
<p>(DS_008) Equal Employment Opportunity and Equity, Inclusion, and Belonging Programs Expand personnel, training, and investigation resources for Equal Employment Opportunity (EEO) and Equity, Inclusion, and Belonging (EIB) programs to help Metro meet the organization's Equity and Social Justice goals. The requested resources would give Metro a total of six positions supporting EEO and four positions supporting EIB needs for more than 5,000 employees across all of Metro's divisions.</p>	2,118,812	0	3.0	1.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_009) Drug and Alcohol In-House Testing Convert mandated drug and alcohol testing permanently from vendor-provided testing to in-house testing. The pilot approved in the 2021-2022 budget successfully reduced time loss, provided increased flexibility and reliability, and reduced compliance risk.	702,313	0	5.0	0.0
(DS_010) Technology and Data Training, Analysis, and Planning Invest in resources supporting Metro's technology, training, and data needs. This includes operational support of Metro's soon-to-be-completed centralized Enterprise Asset Management system, resources in the Transit Technology Operations group to provide agency-wide support of operations and systems, staff to support a need for supply chain process improvements identified in an audit, and resources to support the newly-launched regional ORCA system.	8,716,019	0	14.0	3.0
(DS_011) Health Through Housing Support Continue support for the DCHS-led Health Through Housing (HTH) Initiative with one TLT position to deliver tailored mobility services and products to support more than 1,500 people experiencing chronic homelessness placed in emergency and supportive housing. Mobility is a key element allowing formerly homeless residents to connect to education, employment, and services. This request will allow Metro to be a nimble and responsive partner as DCHS builds out the HTH initiative into the biennium.	16,525,193	0	0.0	1.0
(DS_012) Financial and Administrative Support Add administrative and financial resources to support organizational changes. This includes payroll, leaves, and records management staffing to support central King County requirements and changes, and will also stabilize administrative and financial functions to address gaps and provide the structure needed to appropriately support Metro.	3,600,737	0	13.0	(3.0)
(DS_013) Administrative and Facility Resources for Metro Transit Police Provide resources for front- and back-office support and personnel costs to provide training to deputies and to help change the face of policing from within by incorporating the newest practices in policing strategies. This proposal will also provide funding to add audio/visual equipment and exercise equipment.	539,263	0	0.0	0.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
<p>(DS_014) Year-Round Standard Schedule for West Seattle Water Taxi Provide consistent and reliable year-round service for the West Seattle Water Taxi by continuing mid-day and weekend service during the winter season. In addition to providing additional transit service, this request would support year-round staffing, rather than a seasonal workforce that has in the past resulted in retention issues and loss of trained employees.</p>	2,128,000	0	0.0	0.0
<p>(DS_015) Safety, Security, and Emergency Management Programming Establish and enhance several Metro programs to create a safer environment for employees and customers. This proposal seeks funding to support ADA and other programs involving Metro's Safety, Security, and Emergency Management to establish a safety culture for all. A portion of this proposal will support the LINK Light Rail Expansion and is revenue backed</p>	8,340,039	0	17.0	2.0
<p>(DS_016) Resources for Recruiting, Labor, and Other Employee Services Increase and maintain funding for Employee Services in response to one-time and ongoing needs for recruiting, labor relations, and divisional support. A significant portion of this proposal will support the Link Light Rail expansion and will be revenue backed.</p>	6,442,895	2,852,725	3.0	17.0
<p>(DS_017) Metro Youth Mobility Program Implement an outreach and education program focused on youth riders. These resources will assist in the implementation of the new free youth fare policy and will promote ridership and lifelong adoption of transit. These resources are critical to the successful implementation of a free youth fare policy, which is a requirement to be able to access new grant funding from the Move Ahead Washington program.</p>	1,610,084	0	1.0	2.0
<p>(DS_018) Engagement and Research to Build Back Ridership Rebuild system ridership with investments to facilitate customer engagement and research with a focus on building community partnerships where needs are greatest. Respond to community feedback on the Mobility Framework and goals, outcomes, and strategies from the Strategic Plan.</p>	6,130,657	1,079,345	2.0	10.5
<p>(DS_019) Customer Service Resources for Access and Reduced Fare Programs Add resources to stabilize customer service programs supporting Access paratransit, wayfinding in relation to significant system changes as LINK Light Rail continues to expand, and reduced fare programs to reach riders with financial and accessibility needs.</p>	2,357,549	0	5.0	1.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_020) Operating Costs for Completed Capital Technology Projects Provide ongoing funding for Metro's data warehouse (T-BIRD) and a one-time investment in the necessary customizations of the capital project management and reporting software (CMRS).	3,441,280	0	0.0	0.0
(DS_021) King County Employee Vanpool Participation Subsidy Expand the subsidy for King County employees participating in Metro Vanpools through the Employee Transportation Program. This benefit was increased for County employees starting in 2019 using limited grant funding and would now be funded through central rates charged to departments.	450,000	450,000	0.0	0.0
(DS_022) Personnel to Support Capital Projects Support the delivery of Metro's capital projects, including construction of zero-emissions infrastructure, with added staff across multiple functions in Metro's Capital Division. This includes project planning and management, project controls, electrical engineering, construction management, permitting, and real estate staff.	(3)	0	20.0	0.0
(DS_023) Operations and Administration Resources to Support Link Expansion Add staffing and non-personnel for Link Light Rail operations, training, and administration to support the expansion of the system, including the anticipated East Link opening and expansions to downtown Redmond, Lynnwood, and Federal Way. This proposal is fully revenue backed through intergovernmental agreement with Sound Transit.	35,018,334	36,032,131	153.0	1.0
(DS_024) Maintenance Resources to Support Link Expansion Add staffing and non-personnel for Link Light Rail maintenance to support expansion of the system including the anticipated East Link opening and expansions to downtown Redmond, Lynnwood, and Federal Way. This proposal is fully revenue backed through intergovernmental agreement with Sound Transit.	52,698,364	54,766,148	215.0	0.0
(DS_025) Security Services for Bases, Coaches, and Transit Centers Promote a safe environment for customers and employees by increasing Transit Security Officer presence on the transit system to deter and respond to incidents. This request is primarily for one-time resources to extend the focus of SaFE Reform pilots, which will then be re-evaluated for the following biennium.	21,006,702	0	1.0	0.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_026) Transformation of Agency Processes and Practices in Key Areas Provide analysis and develop new processes, tools, and techniques to support changes to agency business practices to help Metro achieve its long-term goals. The first phase of this effort in 2022 has been focused on improving talent acquisition, capital delivery and asset management. The next phase will continue those efforts with an expanded focus to address workforce data collection and management, internal controls and auditing, administrative services support, procurement, contracting and records management.	15,324,545	0	0.0	3.0
(DS_027) Partner and Business Supported Projects and Programs Add resources for partner and business supported projects and programs, including streetcar maintenance supported by City of Seattle, backdoor card readers supported by Amazon (previously approved in 2nd Omnibus), environmental compliance supported by Sound Transit, and Trolley De-energization supported by construction projects in the community.	7,719,836	1,616,546	8.0	0.0
(DS_028) ORCA LIFT Fare Reduction Pilot Lower the ORCA LIFT low income fare from \$1.50 to \$1.00 on buses, trolleys, transit vans, dial-a-ride vehicles, and streetcars provided by King County Metro Transit for a twelve month period beginning January 1, 2023 and ending January 1, 2024.	0	(554,105)	0.0	0.0
(DS_029) King Street Center Reconfiguration Reappropriate unspent budget from 2022 for the reconfiguration of King Street Center. These upgrades support Metro's transition to a hybrid work environment.	9,000,000	0	0.0	0.0
(DS_120) Central Climate Change Cost Update Adjust the share of the central climate-related costs for 2023-2024. These costs include investments to advance the Strategic Climate Action Plan (SCAP), membership fees in climate related organizations, development and implementation of the countywide Green Jobs Strategy, as well as central staff to help agencies across the County with climate related activities. The allocation methodology is based on operational greenhouse gas emissions.	1,417,296	0	0.0	0.0
Administrative Service Changes				
(AC_100) Capital Project Management Work Group Training Charge from DNRP Add appropriation for the Capital Project Management Work Group (CPMWG) Training Program.	474,678	0	0.0	0.0
Technical Adjustments				
(TA_001) Technical Adjustments for Contract and Fee Increases Add resources to fund inflationary and other cost increases for existing contracts and agreements.	3,113,447	0	0.0	0.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_003) Agency Net Zero Adjustments Adjust between accounts and cost centers for personnel and non-personnel to match current business.	(3)	0	0.0	0.0
(TA_004) Net Zero Assignment of MTD Vacancy Rate to Cost Centers Allocate vacancy rate to cost centers based on expected 23-24 salaries and wages.	0	0	0.0	0.0
(TA_005) Net Zero Assignment of MTD Industrial Insurance to Cost Centers Allocate industrial insurance to cost centers based on proposed 23-24 position counts.	0	0	0.0	0.0
(TA_006) Adjust loan out assumptions for 2023-2024 wages and benefits Adjust personnel costs charged to the capital program and other operating units.	3,465,129	0	0.0	0.0
(TA_007) Reduce Copier Budget to Account for Telecommuting Reduce copier leases to levels appropriate to support hybrid work environment and paperless records.	(96,932)	0	0.0	0.0
(TA_008) One Time Position Reclassification Adjustment Implement one-Time adjustments for position reclassifications after HCM Validation.	611,851	0	0.0	0.0
(TA_050) Revenue Adjustments Revise budgeted revenues to match current forecast.	0	49,051,229	0.0	0.0
(TA_101) Carryforward Service Adjustments - Operators Adjust FTE levels and costs to reflect carryforward service levels for bus operators.	27,446,929	0	(90.9)	0.0
(TA_102) Inflation Adjustments - Fuel, Facilities, and Utilities Adjust costs related to fuel, facility, and utility prices based on carryforward service levels.	4,961,946	0	0.0	0.0
(TA_103) Carryforward Service Adjustments - Marine Adjust costs related to Marine service, based on carryforward service levels.	(346,474)	0	0.0	0.0
(TA_104) Carryforward Service Adjustments - Vehicle Maintenance Adjust costs related to Vehicle Maintenance based on carryforward service levels.	538,469	0	0.0	0.0
(TA_105) Carryforward Service Adjustments - Mobility Adjust costs related to Mobility services based on carryforward service levels.	(5,575,847)	0	0.0	0.0
(TA_110) Net Zero Adjustment Align budget account lines to actual activity.	0	0	0.0	0.0
(TA_111) Overtime Account Adjustment Adjust Overtime account for GWI.	1,233,237	0	0.0	0.0

**2023-2024 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_112) Temporary Account Adjustment Adjust Temporary account for GWI.	23,931	0	0.0	0.0
(TA_113) Vacancy Rate Adjustment Capture salary savings from employee turnover, without reducing the FTE authority, to increase the accuracy of labor budgeting for this appropriation unit.	(7,064,000)	0	0.0	0.0
(TA_117) Strategic Sourcing Savings Capture savings from contracts strategically negotiated by Procurement.	(141,800)	0	0.0	0.0
Central Rate Adjustments	39,711,958	0	0.0	0.0
Total Decision Package Adjustments	336,240,439	145,794,019	463.1	69.5

**2023-2024 Executive Proposed Financial Plan
Public Transportation Fund / 4641,3641,3642,4643,8430**

Category	2021-2022 Estimated	2023-2024 Proposed	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	1,455,438,465	1,820,083,435	1,656,521,282	1,683,871,479
Revenues				
Sales Tax	1,547,365,631	1,691,612,579	1,851,552,803	2,023,842,472
Property Tax	76,141,352	79,654,948	83,168,507	86,781,698
Fares (All Modes)	116,956,177	163,496,552	241,877,721	275,551,276
Other Operations	31,347,954	22,556,161	24,861,328	27,408,763
Sound Transit Payments	276,435,636	414,288,326	419,019,798	413,921,382
Seattle Service	56,038,892	78,780,304	104,993,647	119,536,992
Grants	614,686,725	426,117,949	479,467,600	463,606,192
Interest Income	11,643,263	88,505,460	91,637,790	84,011,843
Subsidized Annual Pass Program	15,537,931	31,266,982	31,266,982	31,266,982
Miscellaneous	19,853,010	23,556,444	30,238,933	34,077,140
Total Revenues	2,766,006,571	3,019,835,704	3,358,085,108	3,560,004,740
Expenditures				
<i>King County Bus Operations</i>	1,390,858,871	1,679,570,564	1,791,011,762	1,939,237,073
<i>DART & Alt Services Operations</i>	58,233,070	87,587,961	88,275,534	93,555,450
<i>ACCESS Operations</i>	141,627,045	163,498,847	184,614,451	198,921,462
<i>DSTT Operations</i>	3,131,831	-	-	-
<i>Sound Transit Link Operations</i>	164,070,035	311,706,544	342,082,390	361,456,137
<i>Sound Transit REX Operations</i>	105,247,689	95,066,817	73,537,748	48,885,107
<i>Seattle Bus Operations</i>	56,274,992	67,474,742	90,482,685	99,490,764
<i>Streetcar Operations</i>	22,168,600	24,167,376	25,113,909	26,679,739
<i>Vanpool Operations</i>	17,929,440	20,020,994	22,147,280	23,523,269
<i>Marine Operations</i>	17,820,111	22,523,410	23,079,934	24,546,394
Transit Operating Total	1,977,361,684	2,471,617,255	2,640,345,694	2,816,295,395
Infrastructure Capital	340,940,099	652,571,334	599,431,414	808,750,615
Revenue Fleet Capital	89,785,047	68,746,963	262,361,812	576,725,173
Debt Service	13,752,903	13,283,052	22,663,176	49,189,093
Total Expenditures	2,421,839,732	3,206,218,604	3,524,802,096	4,250,960,277
Estimated Underexpenditures	(9,116,159)	(21,008,747)	(22,442,938)	(23,938,511)
Other Fund Transactions				
Debt Proceeds	0	0	169,812,247	285,449,880
Misc Balance Adjustments & Other Transfers	11,361,972	1,812,000	1,812,000	1,812,000
Total Other Fund Transactions	11,361,972	1,812,000	171,624,247	287,261,880
Ending Fund Balance	1,820,083,435	1,656,521,282	1,683,871,479	1,304,116,333
Reserves				
Revenue Stabilization Reserve	305,139,048	330,738,408	362,466,065	396,412,643
Operating Ending Target Requirement	53,848,067	58,365,601	63,964,600	69,955,172
Electrification Infrastructure Designation	509,819,101	460,769,761	409,872,239	308,727,015
Capital Designated Revenue	6,132,087	6,132,087	6,132,087	6,132,087
Revenue Fleet Replacement Reserve	126,645,356	182,094,897	156,071,313	93,867,335
Marine Balance Designation	26,964,476	23,802,333	21,480,657	19,398,285
Capital Carryover Reserve	243,960,040	164,968,195	186,816,159	122,840,064
Total Reserves	1,272,508,176	1,226,871,283	1,206,803,119	1,017,332,602
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	547,575,259	429,649,999	477,068,360	286,783,731

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.
 Estimated and projected amounts include impacts from August 2022 OEFA projections.
 Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, transfers between funds and transfer from Marine funds to close them out.
 Reserve levels reflect those adopted in the Fund Management Policies for Public Transportation.
 Electrification Infrastructure Designation reserves fund balance for spending to build bus electrification infrastructure over the 10-year period.
 Marine Balance Designation shows Marine's designated revenue sources against their expenses, and resulting fund balance.

Financial Plan last updated by Geoff Kaiser & T.J. Stutman on 9/12/22

**2023-2024 Executive Proposed Financial Plan
Public Transportation Operating Fund / 000004641**

Category	2021-2022 Estimated	2023-2024 Proposed	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	564,391,363	614,407,298	491,983,284	544,390,045
Revenues				
Sales Tax	1,453,239,025	1,318,325,654	1,611,287,884	1,486,790,666
Property Tax	75,103,122	76,462,480	80,105,997	84,130,028
Fares (All Modes)	116,956,177	163,496,552	241,877,721	275,551,276
Other Operations	31,347,954	22,556,161	24,861,328	27,408,763
Sound Transit Service Contract	276,435,636	414,288,326	419,019,798	413,921,382
Seattle Service Contract	56,038,892	78,780,304	104,993,647	119,536,992
Grants	506,950,646	198,197,455	134,236,296	124,588,802
Interest Income	4,152,617	28,010,777	28,529,837	24,591,391
Income Based Fares	15,537,931	31,266,982	31,266,982	31,266,982
Miscellaneous	3,344,588	6,206,790	5,824,523	6,133,731
Total Revenues	2,539,106,589	2,337,591,480	2,682,004,013	2,593,920,013
Expenditures				
<i>King County Bus Operations</i>	<i>1,390,858,871</i>	<i>1,679,570,564</i>	<i>1,791,011,762</i>	<i>1,939,237,073</i>
<i>DART & Alt Services Operations</i>	<i>58,233,070</i>	<i>87,587,961</i>	<i>88,275,534</i>	<i>93,555,450</i>
<i>ACCESS Operations</i>	<i>141,627,045</i>	<i>163,498,847</i>	<i>184,614,451</i>	<i>198,921,462</i>
<i>DSTT Operations</i>	<i>3,131,831</i>	<i>-</i>	<i>-</i>	<i>-</i>
<i>Sound Transit Link Operations</i>	<i>164,070,035</i>	<i>311,706,544</i>	<i>342,082,390</i>	<i>361,456,137</i>
<i>Sound Transit REX Operations</i>	<i>105,247,689</i>	<i>95,066,817</i>	<i>73,537,748</i>	<i>48,885,107</i>
<i>Seattle Bus Operations</i>	<i>56,274,992</i>	<i>67,474,742</i>	<i>90,482,685</i>	<i>99,490,764</i>
<i>Streetcar Operations</i>	<i>22,168,600</i>	<i>24,167,376</i>	<i>25,113,909</i>	<i>26,679,739</i>
<i>Vanpool Operations</i>	<i>17,929,440</i>	<i>20,020,994</i>	<i>22,147,280</i>	<i>23,523,269</i>
<i>Marine Operations</i>	<i>17,820,111</i>	<i>22,523,410</i>	<i>23,079,934</i>	<i>24,546,394</i>
Total Expenditures	1,977,361,684	2,471,617,255	2,640,345,694	2,816,295,395
Estimated Underexpenditures	(9,116,159)	(21,008,747)	(22,442,938)	(23,938,511)
Other Fund Transactions				
Misc Balance Adjustment	(2,805,776)	0	0	0
Transfer from Capital Program	(509,819,101)	0	0	0
Transfer from Marine Fund Closure	11,803,055	0	0	0
Other Fund Transfers	0	0	0	0
Transfer to Revenue Stabilization Reserve	(20,023,308)	(9,406,986)	(11,694,496)	(12,818,472)
Total Other Fund Transactions	(520,845,129)	(9,406,986)	(11,694,496)	(12,818,472)
Ending Fund Balance	614,407,298	491,983,284	544,390,045	333,134,702
Reserves				
Operating Ending Target Requirement	53,848,067	58,365,601	63,964,600	69,955,172
Marine Balance Designation	26,964,476	23,802,333	21,480,657	19,398,285
Total Reserves	80,812,543	82,167,935	85,445,257	89,353,458
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	533,594,755	409,815,349	458,944,789	243,781,245

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2023-2024 Proposed Budget ties to PBCS and matches 2023-2024 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenue Notes: Revenues reflect August 2022 OEFA forecast and MTD planning assumptions. 2021-2022 grant revenue includes federal support from CRRSAA, ARPA, and IIJA.

Expenditure Notes: Operating expenditures reflect anticipated service levels and planning assumptions.

Reserve Notes: Operating Ending Target Requirement reflects Fund Management Policies for Public Transportation.

Last Updated 9/8/22 by Geoff Kaiser & T.J. Stutman using data from PBCS and Q3 2022 BFPA.

**2023-2024 Executive Proposed Operating Budget
TRANSIT REVENUE STABILIZATION (EN_A75700)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2021-2022 Revised Budget	0	3,201,790	0.0	0.0
Base Budget Adjustments	0	(638,426)	0.0	0.0
Decision Package Adjustments	0	13,629,009	0.0	0.0
2023-2024 Executive Proposed Budget	0	16,192,373	0.0	0.0
2023-2024 Executive Proposed Ordinance	0	16,193,000	0.0	0.0

Notes

1. The 2021-2022 Revised Budget equals the 2021-2022 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.

2. Adjust base budget to remove 2021-2022 one-time changes including those related to pandemic response, annualize supplemental changes, and update personnel rates. Personnel budgets reflect projected 2023-2024 salary and benefit rates, current position classifications, and step/merit increases.

3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Technical Adjustments				
(TA_050) Revenue Adjustment Adjust revenues to reflect updates to financial plan.	0	13,629,009	0.0	0.0
Total Decision Package Adjustments	0	13,629,009	0.0	0.0

**2023-2024 Executive Proposed Financial Plan
Revenue Stabilization Reserve Fund / 000004643**

Category	2021-2022 Estimated	2023-2024 Proposed	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	272,978,205	305,139,048	330,738,408	362,466,065
Revenues				
Sales Tax	11,843,777	-	-	-
Interest	3,049,003	16,192,374	20,033,161	21,128,106
Miscellaneous	-	-	-	-
Total Revenues	14,892,780	16,192,374	20,033,161	21,128,106
Expenditures				
Miscellaneous	-	-	-	-
Total Expenditures	-	-	-	-
Estimated Underexpenditures				
Other Fund Transactions				
Misc Balance Adjustment	(2,755,244)	0	0	0
Transfer from Operating Program	20,023,308	9,406,986	11,694,496	12,818,472
Total Other Fund Transactions	17,268,064	9,406,986	11,694,496	12,818,472
Ending Fund Balance	305,139,048	330,738,408	362,466,065	396,412,643
Reserves				
Revenue Stabilization Reserve	305,139,048	330,738,408	362,466,065	396,412,643
Total Reserves	305,139,048	330,738,408	362,466,065	396,412,643
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2023-2024 Proposed Budget ties to PBCS and matches 2023-2024 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenue Notes: Revenues reflect interest earnings from August 2022 OEFA forecast. 2021-2022 sales tax represents direct revenue allocations. Transfer from Operating Program, shown under 'Other Fund Transactions' represents anticipated support in 2023-2024 and outyears.

Expenditure Notes:

Reserve Notes: Reserve levels reflect the Fund Management Policies for the Public Transportation Fund (Ordinance 18321).

Last Updated 9/7/22 by Geoff Kaiser & T.J. Stutman using data from PBCS and Q3 2022 BFPA.

**2023-2024 Executive Proposed Operating Budget
TRANSIT DEBT SERVICE (EN_A84300)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2021-2022 Revised Budget	14,793,208	1,684,007	0.0	0.0
Base Budget Adjustments	754,202	(79,527)	0.0	0.0
Decision Package Adjustments	(2,264,358)	17,532,718	0.0	0.0
2023-2024 Executive Proposed Budget	13,283,052	19,137,198	0.0	0.0
2023-2024 Executive Proposed Ordinance	13,284,000	19,138,000	0.0	0.0

Notes

1. The 2021-2022 Revised Budget equals the 2021-2022 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.

2. Adjust base budget to remove 2021-2022 one-time changes including those related to pandemic response, annualize supplemental changes, and update personnel rates. Personnel budgets reflect projected 2023-2024 salary and benefit rates, current position classifications, and step/merit increases.

3. The Executive Proposed Budget is the sum of the Revised Budget, Base Budget Adjustments, and Decision Package Adjustments. All FTEs/TLTs are rounded to the nearest 1/10th of a position and in some cases, rounded numbers may not add up to the FTE/TLT totals in Executive Proposed. In the Executive Proposed Ordinance, expenditure and revenue totals are rounded up to the nearest 1,000 and FTEs and TLTs are rounded up to the maximum monthly FTEs/TLTs in the Biennium.

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
Technical Adjustments				
(TA_050) Revenue Adjustments Revise budgeted revenues to match current forecast.	0	17,532,718	0.0	0.0
Central Rate Adjustments	(2,264,358)	0	0.0	0.0
Total Decision Package Adjustments	(2,264,358)	17,532,718	0.0	0.0

**2023-2024 Executive Proposed Financial Plan
Public Transportation Bond Fund / 000008430**

Category	2021-2022 Estimated	2023-2024 Proposed	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	26,051,490	13,980,504	19,834,650	18,123,571
Revenues				
Sales Tax	0	16,916,126	18,515,528	71,568,037
Marine Property Tax	953,850	947,850	952,225	946,225
Interest Income	219,912	837,538	1,143,081	1,326,546
Miscellaneous	(4,235)	0	0	0
Federal Debt Service Subsidies	520,902	435,684	341,263	227,201
Total Revenues	1,690,429	19,137,198	20,952,097	74,068,009
Expenditures				
Bond Debt Service Payments	13,752,903	13,283,052	22,663,176	49,189,093
Total Expenditures	13,752,903	13,283,052	22,663,176	49,189,093
Estimated Underexpenditures				
Other Fund Transactions				
Balance Sheet Adjustments	(8,512)	0	0	0
Sinking Fund Transfers	0	0	0	0
Total Other Fund Transactions	(8,512)	-	-	-
Ending Fund Balance	13,980,504	19,834,650	18,123,571	43,002,487
Reserves				
Sinking Bond Reserve	-	-	-	-
Total Reserves	-	-	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	13,980,504	19,834,650	18,123,571	43,002,487

Financial Plan Notes

All financial plans have the following assumptions, unless otherwise noted in below rows.

2023-2024 Proposed Budget ties to PBCS and matches 2023-2024 Estimated.

Outyear revenue and expenditure inflation assumptions are consistent with figures provided by PSB's BFPA guidance.

Revenue Notes: Tax and Interest revenues reflect August 2022 OEFA forecast.

Expenditure Notes: Debt service payments reflect existing and planned debt proceeds and interest rates.

Reserve Notes: Ending fund balance in 2028 intended to support debt service payments in outyears for bonds issued in 2028.

Last Updated 9/12/22 by Geoff Kaiser & T.J. Stutman using data from PBCS and Q3 2022 BFPA.

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY23-24	Narratives
1111770	Emergent Needs Contingency for Fund 3641 ADMIN		\$15,566,240	<p>Scope: Emergent Need Contingency - This is a project within the capital fund that provides a mechanism for allocating additional appropriations to existing capital projects within the same fund in the event of unforeseen circumstances which cause existing appropriations on a project to be insufficient.</p> <p>Description of Budget Request: The budget request represents the maximum appropriation amount allowed per King County Code.</p>
1111997	Northgate Transit Center Site Development STANDALONE		\$191,596	<p>Scope: Northgate Transit Oriented Development (TOD) Site Development - This project consists of the sale of Metro Transit's property located east of the future Northgate Link light rail station and bus transit roadway, and redevelopment of the property into a high-density, mixed-use community including over 300 units of affordable housing, market rate housing, and potentially office and retail space. This project is one of four projects associated with the Northgate TOD Program.</p> <p>Description of Budget Request: Budget is requested to continue forward with the property sale for redevelopment into the high-density, mixed-use transit oriented community, as envisioned for this designated Regional Growth Center. This budget request includes estimated costs for the necessary property transactions and ensuring compliance with the terms of property sale agreements. This property transaction is expected to result in revenues to Metro Transit.</p>
1116755	RapidRide Bike Facilities PROGRAMMATIC		\$178,704	<p>Scope: RapidRide Bike Facilities - This project will improve the connection between bicycles and King County Metro's RapidRide bus rapid transit service by improving bicycle access and bicycle parking options.</p> <p>Description of Budget Request: Budget based on remaining grant funds plus required match. Spending plan assumes locker installations and other related improvements applicable to locations eligible for this grant, while other grants cover additional locations or improvement types.</p>
1124256	Regional Transit Connectivity PROGRAMMATIC		\$1,803,144	<p>Scope: Regional Transit Connectivity - This is a programmatic project that seeks to identify specific projects that will allow Metro to leverage funding opportunities to support partnership projects. Projects will be used to enhance existing Metro Transit capital project scopes, other agency-led projects, or to initiate action to address emergent needs that improve ridership and/or overall customer satisfaction.</p> <p>Description of Budget Request: The amount requested is based on Metro's current commitments and ongoing conversations with cities of potential project partnerships. The appropriation needed for 2023/2024 biennium is to engage local partner agencies and to plan for projects to be identified in the next biennium budget submittals</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1125742	500 Kilowatt Sub Breakers STANDALONE		\$374,448	<p>Scope: 500 Kilowatt Sub Breakers - This project will complete design and specifications for breaker procurement, procure material and equipment, and install new breakers. Replace 500Kw Trolley Substation Breakers and related batteries without interruption of electric trolley bus service. Electric Trolley Bus Overhead System wires will remain energized during the breaker replacement work.</p> <p>Description of Budget Request: The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors. During alternatives analysis, the determination was made to include the batteries related to the transformers in the procurement. The time necessary to revise this project's design and contract to include batteries, as well as the administration of the project have lead the project team to request additional budget bringing the estimate at completion to \$10.3 million, and to extend the schedule into Q4-2024.</p>
1125765	Broad Street Substation Transformer STANDALONE		\$134,543	<p>Scope: Broad Street Substation Transformer - This project will replace the Broad St. substation's 1500KVA DC Transformers and Rectifiers (switchgear).</p> <p>Description of Budget Request: This is an ongoing capital project. 2023-2024 funding will support final design through implementation, with completion anticipated in 2024. The original Budget request had been generated using in-house engineering assessments, and the engineering group is preparing to use an engineering consultant's expertise to design the transformer. This has increased the total cost of design and implementation.</p>
1127241	Replacement of Wash, Vacuum and Associated Systems at South Base STANDALONE		\$703,353	<p>Scope: South Base Fuel and Wash Vacuum Replacement - This project will support the replacement of South Base bus vacuum system, power components and other critical assets within the facility as needed. Minimum scope assumes bus vacuum system and related electrical system replacement.</p> <p>Description of Budget Request: The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1127864	Westwood Comfort Station STANDALONE		\$328,321	<p>Scope: Comfort Station Westwood - This project involves siting, design, and construction for a permanent Comfort Station for Transit operators in the Westwood Village layover area. Comfort Station may include high sustainability goals such as the Living Building Challenge.</p> <p>Description of Budget Request: This budget request uses the past construction of similar projects as a baseline for cost estimates, including inflation adjustments.</p>
1127880	Vashon Island Comfort Station STANDALONE		\$0	<p>Scope: Comfort Station Vashon - This project involves siting, design, and construction of a permanent comfort station for Transit operators on Vashon Island.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1129634	Atlantic Base Heating, Ventilation and Air Conditioning Replacement STANDALONE		\$3,219,267	<p>Scope: Atlantic Base Maintenance Building Heating, Ventilation and Air Conditioning (HVAC) Replacement - This project includes replacement of the Atlantic Base Vehicle Maintenance Building air conditioning and vehicle exhaust system and other central campus HVAC works including HVAC air handlers and vehicle exhaust system in Non Revenue Vehicle Building; air handlers, exhaust, and ductwork in Tire and Millwright Shop; and air handler units in the Transit Control Center.</p> <p>Description of Budget Request: 2023-2024 appropriation is expected to support implementation and closeout of the project for the remaining location, the Transit Control Center. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors. The original budget request for this facility involved replacing the existing mechanical system with a Variable Refrigerant Flow (VRF) mechanical system. Through an alternatives analysis an alternative HVAC system type was selected for a better long term efficiency and operational solution. The current design incorporates a new cooling tower and an electric boiler that wasn't originally estimated.</p>
1129636	Sound Transit Station Integration STANDALONE		\$73,775	<p>Scope: Sound Transit Station Integration - This project is King County Metro's coordinated participation in the planning, design, construction, and implementation of Sound Transit's (ST) Link (LRT), Sounder (Commuter Rail), and Stride Bus Rapid Transit (BRT) capital projects which are part of the voter-approved ST2 and ST3 plans. This project seeks to meet the needs of the markets that Sound Transit and King County Metro serve through coordinated capital and service planning efforts. This includes planning of new light rail, commuter rail, and bus rapid transit stations and other passenger capital facilities in order to prioritize the customer experience, provide for seamless transit integration, and assure that our mobility services support livable communities, a thriving economy, and a sustainable environment. As Sound Transit projects complete design and move into construction, this programmatic capital planning project will develop separate project budgets (standard capital) to design and construct adjacent bus stop (station area) improvements as well as partnership projects (capital outlay) for Metro facilities designed and built by ST.</p> <p>Description of Budget Request: This request is a planning-level estimate for Metro staff participation in Sound Transit's capital program, based on activities and deliverables outlined in Task Order 3. Metro's capital investments (standard or capital outlay projects) will be funded via separate projects in the Transit Hubs Program.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1129747	Metro Connects RapidRide Expansion PROGRAMMATIC		\$564,108	<p>Scope: Metro Connects RapidRide Expansion - This program is tied to Metro's efforts to expand its RapidRide system and invest in capital initiatives for existing lines. Program activities include developing a RapidRide prioritization plan; planning for fleet electrification, security improvements, Advanced Service Management, and performing preliminary feasibility and scoping studies for candidate RapidRide corridors and partnerships for existing RapidRide lines.</p> <p>Description of Budget Request: This budget request is required to coordinate planning and management of future RapidRide projects identified as candidates in the Metro Connects interim network and planning and reinvestment in existing RapidRide lines. This budget request will support the creation of a Council-mandated RapidRide Prioritization Plan for selection of future RapidRide corridors for development for the completion of the Metro Connects Interim Network. Additionally, this budget is developed to allow for close coordination with jurisdictional partners and to work on initiatives that benefit multiple or all RapidRide lines and or re-investment projects.</p>
1131378	Comfort Station 2 SODO (south of downtown) STANDALONE		\$0	<p>Scope: Comfort Station 2 SODO - This is the second comfort station project in the SODO (south of downtown) area. This project involves siting, design, and construction of a second and potentially third permanent comfort station(s) for Transit operators at key layover locations on SODO Busway which is a part of 5th Avenue South, south of Royal Brougham, in downtown Seattle. It is commonly referred to as the E-3 Busway. The project includes lighting and other safety improvements to the walkway from the layover area to the comfort station.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1132324	Madison RapidRide Line (G) STANDALONE		\$1,070,353	<p>Scope: RapidRide Madison/G Line - This project extends from downtown Seattle through First Hill to the Central Area via Madison Street. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include Passenger Facilities, Roadway, Signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects which reduce barriers for people to reach transit, and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing (launch of the service). This budget does not include vehicles.</p> <p>Description of Budget Request: This budget request is required to complete the identified RapidRide project in the Metro Connects 2025 network. Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. The requested budget will move the project through the construction phase of project delivery.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1132325	Delridge to Burien RapidRide Line (H) STANDALONE		\$5,430,262	<p>Scope: RapidRide Burien/H Line - This project extends from the Burien Transit Center to downtown Seattle via Delridge Way. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects, and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.</p> <p>Description of Budget Request: This budget request is required to complete the identified RapidRide project in the Metro Connects 2025 network. Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. The requested budget will move the project through the Construction phase of project delivery.</p>
1132326	Rainier Ave. Mount Baker RapidRide Line (R) STANDALONE		\$21,932,277	<p>Scope: Rainier Avenue Rainier Beach Downtown RapidRide - This project extends from Rainier Beach to downtown Seattle via Rainier Avenue. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects - which reduce barriers for people to reach transit, modification and potential expansion of trolley infrastructure, and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.</p> <p>Description of Budget Request: This budget request is required to advance the identified RapidRide project in the Metro Connects Interim network. The 2021 Metro Connects update prioritized the RapidRide R Line as one of the next two RapidRide lines to be implemented following the J Line implementation (the other being the K line). The R line is prioritized as it serves an area with a high overall Equity Prioritization Score (a weighted measure of the stops serving priority populations). Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines and the four in process lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. The requested budget will allow the project to progress through design.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1132327	Roosevelt RapidRide Line (J) STANDALONE		\$605,996	<p>Scope: RapidRide Roosevelt/J Line - This project advances the development of the RapidRide J line for an opening date of 2026. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service in collaboration with SDOT. These infrastructure projects include passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects, and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.</p> <p>Description of Budget Request: This budget request is required to complete the identified RapidRide project in the Metro Connects 2025 network. Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. This budget form accounts for Metro Assets, trolley wire expansion/modification (if needed) and, staff time during the project and costs associated with service launch.</p>
1134100	Technology Program Management PROGRAMMATIC		\$0	<p>Scope: Technology Program Management - This project involves planning for programs and projects within the technology sub portfolio. Program management activities will ensure adequate coordination with Operations and Vehicle Maintenance Divisions, Technology Project Delivery, Operations Systems, Fleet Purchasing, and Fixed Assets and other groups internal to Metro. The project scope of work will also include prioritization of projects within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs. An important element of this work will be understanding the scope and business requirements of the existing projects and participation in the Technology Steering Committee. This ongoing work will feed a Metro-wide process for consideration of Technology needs and priorities for development of future investment in capital technology projects.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134193	Facility Improvements Planning PROGRAMMATIC		\$1,191,156	<p>Scope: Facility Improvement Planning - This program involves planning and program management for programs and projects within the Facility Improvements Sub Portfolio and involves planning for expansion of facility capacity by building or leasing new facility capacity. Program management activities will be responsible for ensuring adequate coordination with internal end-users in Metro and will include: prioritization of projects, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs; monitoring of projects for progress and changes in scope, schedule and budget and adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complementary manner; and tracking interdependencies and coordinating with projects in other programs.</p> <p>Description of Budget Request: Based on staffing in capital planning and program management organization chart responsible for the capital planning and program management duties within the Facility Improvements Sub Portfolio. Modest amount of professional services are estimated to augment staff expertise.</p>
1134197	Safe Routes to Transit Investment Program PROGRAMMATIC		\$818,755	<p>Scope: Safe Routes to Transit Investment Program - This program works with cities and other agencies to plan, design, and construct safe pedestrian and bicycle improvements to reach transit services and facilities. The program typically passes through funds to cities to contribute to improvements on their rights-of-way, such as sidewalks, bikeways, safe crossings, traffic calming devices, lighting, traffic counters and other methods to enhance safety, comfort, and access. Projects will support RapidRide corridors, service restructures and other existing and future services. Projects generally leverage partner match funding and are prioritized to support where needs are greatest and improvements in safety.</p> <p>Description of Budget Request: This 2023-24 request supports the overall program advancing new projects and moving critical infrastructure from design to construction. The program assumes on-going funds in accordance with Metro Connects investment plans to continue making connecting to transit improvements.</p>
1134201	Kent Comfort Station STANDALONE		\$0	<p>Scope: Comfort Station Kent - This project involves siting, design, and construction of a permanent comfort station. Comfort station to include one-to-two gender neutral restrooms. A small break space may be included depending on site specific program requirements.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134205	Aloha Street Comfort Station STANDALONE		\$0	<p>Scope: Comfort Station South Lake Union - This project involves siting, design, and construction of a permanent comfort station. Comfort station to include one-to-two gender neutral restrooms. A small break space may be included depending on site specific program requirements.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134206	Bus Layover Facility at Eastlake STANDALONE		\$4,216,051	<p>Scope: Downtown Seattle Layover Facility - This project is to design and construct an Eastlake site as a long term bus layover facility located along the east side of Eastlake Ave E within Washington State Department of Transportation (WSDOT) right-of-way (ROW), between Harrison street and Roy street. This project includes the following major elements: 1) approximately six 60-foot bus layover parking spaces within WSDOT I-5 ROW; 2) approximately six 60-foot bus layover parking spaces in approximately 740 linear feet of bus layover parking space northbound within Eastlake Ave E ROW; 3) roadway and intersection modifications as necessary to support the efficient operation of the facility, including modification to existing traffic signals at two intersections and installation of a new traffic signal system at one additional intersection; and 4) a comfort station/operations support building for transit operators, first-line supervisors, transit police, facilities maintenance staff, etc., forecast to include four water closets, a service quality office, Metro Transit operator break space, custodial closet, and service quality storage space.</p> <p>Description of Budget Request: This change increases the appropriation to account for increased costs associated with permitting, construction, construction management services, staffing costs and contingency. The project had been paused due to ongoing negotiations with the City of Seattle and had to be rebid. This appropriation allows the project to be fully implemented.</p>
1134223	South Annex Base STANDALONE		\$0	<p>Scope: South Annex Base - Construction of a permanent 250 bus transit base on Metro owned property called the South Annex. Transit base will include vehicle maintenance bays (est. 14 bays), steam bay, inspection bay, bus exterior wash bays, bus interior wash bays, bus fueling, underground infrastructure to enable future conversion to battery electric bus operation, operator spaces (break, locker, restroom, dispatch, chief, superintendent), and miscellaneous other business functions required for base operations.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134228	Non-Fixed Route Program Management PROGRAMMATIC		\$218,376	<p>Scope: Non-Fixed Route Program Management - This programmatic project supports the Non-Fixed Route Fleet Sub Portfolio capital planning efforts. Planning for programs and projects within this Sub Portfolio will be performed by the Planning and Portfolio Coordination group to support all planning and program management activities. Program management activities will also be responsible for ensuring adequate coordination with Vehicle Maintenance, Fleet Purchasing and Fixed Asset program and other groups internal to Metro to meet their needs. Staff will conduct program management activities including: prioritization of purchases within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs.</p> <p>Description of Budget Request: Based on staffing in the capital planning and program management organization chart responsible for the Planning and Portfolio Coordination duties within the Non-Fixed Route Vehicle Sub Portfolio. Modest amount of professional services are estimated to augment staff expertise.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134230	Living Building Certified RapidRide Station STANDALONE		\$582,751	<p>Scope: Living Building Certified Bus Stop - This project will plan, design, and construct a Living Building Challenge-certified bus stop using a variety of sustainability materials, technologies, and techniques. The Living Building Challenge is a green building certification program and sustainable design framework that focuses on an ideal built environment. Using lessons learned from the pilot project, Metro will consider incorporating additional elements into future bus stops throughout its system. This project will occur simultaneously with the procurement of a design-build vendor for Metro's new standard shelter and develop the sustainability criteria that the new shelter should meet. The location selected to build the LBC-certified bus stop is located on westbound J St SE, nearside 17th St SE in Auburn, WA (Stop ID #80977).</p> <p>Description of Budget Request: The current budget request is based on conceptual planning-level cost estimates derived from historical costs incurred in prior years for designing and constructing bus stop improvements. The project budget estimate anticipates a project budget higher than the cost of this established design due to the additional staff and consultant support to develop a new design.</p>
1134231	Northgate Link Bus Stop Access Improvements STANDALONE		\$704,727	<p>Scope: Northgate Link and Ulink - This project is to improve transfer environments at ten bus stops next to Northgate Link Extension stations. The stations are the Roosevelt Station, U District Station, University of Washington Station, and the Capitol Hill Station. This project will design and construct Metro capital improvements to bus stops adjacent to Sound Transit's (ST) station or improve bus facilities within the station. Metro's capital improvements may include upgraded bus stop signs and shelters, real-time information systems, and improved pedestrian amenities such as sidewalks or lighting between the station and bus stops. Additionally, this project will fund a NB and SB stop pair on 12th and Roosevelt Avenues to facilitate a seamless transfer between Metro and ST routes at Roosevelt Station. NB stop at 12th/67th will include RTIS. This project will be delivered as a partnership, with cost-sharing between Metro, SDOT, and ST.</p> <p>Description of Budget Request: This new project is pulling scope out of the existing ST Link Station Integration project. The Regional Mobility Grant will fund a majority of this project. Part of this request includes the installation of a signal at NE 67th to be delivered by SDOT. The cost to King County Metro would be \$536,780 for this work.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134232	3d Avenue Corridor Improvements STANDALONE		\$300,245	<p>Scope: 3rd Avenue Yesler Way to Main - This project will complete transit, sidewalk, and pedestrian enhancements along 3rd Avenue, between Yesler Way and S Main St., serving heavy transit movements (primarily southbound trips) through this segment of 3rd Avenue. The project will prioritize funding towards designing and constructing improvements to existing Metro bus stop #515, southbound 3rd Avenue and Main St. For this bus stop, improvements may include a widened sidewalk along the west side of 3rd Avenue between S Washington St. and S Main St., new/additional passenger amenities at the bus stop, concrete bus panels in the roadway throughout the extent of the bus stop, other pedestrian enhancements including lighting, sidewalk amenities and wayfinding. The project will also convert this section of 3rd Avenue S to one-way southbound to preserve two southbound travel lanes and maintain transit speed and reliability. Funding may also be used for other improvements supporting access to transit in the general project vicinity. This project will be the last improvement delivered as part of a larger, long-standing program of Federal Transit Authority (FTA) grant funded improvements formerly known as the 3rd Avenue Transit Corridor Improvement and RapidRide Facilities project (1116745).</p> <p>Description of Budget Request: The 2019-2020 budget development process created this project by transferring remaining appropriation from project 1116745 into this project (1134232) and a companion project (1135061) that will construct a new transit signal at Third and Denny. A planning-level cost estimate, consistent with assumptions for project delivery for earlier elements of the Third Avenue Transit Corridor Improvements program and based on historical Metro and City of Seattle costs to deliver projects of similar scope and complexity, was prepared for this project in 2018 and was the basis of the currently-approved appropriation of \$3.4M. Additional pre-design work completed in early 2022 along with a revised estimate of probable construction costs, including higher material and labor costs and inflationary factors since the initial estimate in 2018, indicates that additional appropriation would be necessary to complete the project under its current scope, resulting in a revised estimate at completion of \$3.8M.</p>
1134235	Regional Transit Integration Program Management STANDALONE		\$11,001	<p>Scope: Regional Transit Integration Program Management - This project includes planning for capital programs and projects within the Regional Transit Integration Sub Portfolio. Program management activities will include coordination across Metro's strategic and service planning functions and with partner agencies as well as prioritization of projects, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs.</p> <p>Description of Budget Request: The requested amount is based on estimated staffing in the capital planning and portfolio management organization needed to perform the project planning and program management duties within the Regional Transit Integration Sub Portfolio. Includes a modest amount of professional services to augment staff expertise.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134237	Auburn to Renton RapidRide Line (I) STANDALONE		\$31,707,310	<p>Scope: RapidRide Auburn Transit Center to Renton Transit Center/I Line - This project will plan, design and implement the necessary infrastructure improvements to launch RapidRide service from the Auburn Transit Center to the Renton Transit Center. These infrastructure projects include passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.</p> <p>Description of Budget Request: Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. The requested budget will move the project through the acquisition, construction and closeout phases of project delivery.</p>
1134240	Atlantic Base Yard Refurbishment STANDALONE		\$18,807,402	<p>Scope: Atlantic Base Yard Refurbishment - This project involves yard and infrastructure replacement for the Atlantic Base Yard including replacement of site lighting poles and fixtures, domestic water distribution system, fire water system and hydrants, and concrete panels (pavement).</p> <p>Description of Budget Request: The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors. 2023-2024 funding is for final design through the initiation of the first phase of implementation. Overall budget increase is attributed to market inflation factors, additional identified scope for trolley overhead catenary system replacement, and soft cost factors.</p>
1134241	Heating, Ventilation and Conditioning Small Works 2019-20 PROGRAMMATIC		\$0	<p>Scope: Heating Ventilation and Air Conditioning Small Works - This project includes replacement of North and Ryerson Base Vehicle Maintenance Dust Collection and Vehicle Exhaust Systems and replacement of back up boiler at Bellevue Base.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134242	South Base Vehicle Maintenance HVAC Replacement STANDALONE		\$836,911	<p>Scope: South Base Vehicle Maintenance HVAC Replacement - This project includes replacement of the South Base Vehicle Maintenance Air Handlers, Dust Collection, and Vehicle Exhaust System.</p> <p>Description of Budget Request: 2023-2024 funding will support project planning through completion. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134243	South Facilities Maintenance HVAC Replacement STANDALONE		\$5,948,149	<p>Scope: South Facilities Maintenance HVAC Replacement - This project will support the replacement of the South facilities Air Handlers and Dust Collection Systems.</p> <p>Description of Budget Request: Funding will support the complete replacement of the asset including implementation. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1134245	Bus Lift Replacement at Bellevue Base STANDALONE		\$0	<p>Scope: Bellevue Base Wash Phase 2 Bus Lift - This project supports the replacement of one bus lift in the Bellevue Base Steam Bay.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134246	Bus Lift Replacement at Atlantic Base Vehicle Maintenance STANDALONE		\$3,484,241	<p>Scope: Atlantic Base Vehicle Maintenance Phase 2 Bus Lifts - This project supports replacement of up to four Rotary Post Axle Lifts, one Rotary Post Platform Lift and four Steril Koni Omer Parallelogram Lifts at Atlantic Base.</p> <p>Description of Budget Request: 2023-2024 funding is expected to support design and implementation. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1134247	Wash and Vacuum Systems Replacement at Central Base STANDALONE		\$400,000	<p>Scope: Central Base Wash and Vacuum Replacement - This project will support the replacement of the Central Base vacuum system and related electrical equipment.</p> <p>Description of Budget Request: 2023-2024 funding is intended to support implementation through closeout. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1134248	TDC BFW WASH VAC REPLAC STANDALONE		\$860,845	<p>Scope: Bellevue Base Fuel and Wash Vacuum Replacement - This project will support the replacement of Bellevue Base bus vacuum system, power components and other critical assets within the facility as needed. Planning and pre-design activities to inform recommended critical asset replacement.</p> <p>Description of Budget Request: 2023-2024 funding is intended to support planning through closeout. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1134249	Wash System Replacement at East Base STANDALONE		\$0	<p>Scope: East Base Wash Replacement - This project will replace the East Base bus vacuum system and power components as needed.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134250	Wash System Replacement at North Base STANDALONE		\$0	<p>Scope: North Base Wash Replacement - This project replaces the North Base bus vacuum system and power components as needed.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134251	Wash and Vacuum Systems Replacement at Ryerson Base STANDALONE		\$607,348	<p>Scope: Ryerson Base Wash Vacuum Replacement - This project will support replacement of Ryerson Base vacuum bus system and power components as needed.</p> <p>Description of Budget Request: Funding is intended to support design through closeout. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors</p>
1134260	Trolley Supervisory Control And Data Acquisition Replacement STANDALONE		\$1,506,690	<p>Scope: Trolley Supervisory Control And Data Acquisition (SCADA) Replacement - This project will include the engagement of consultant to study required SCADA replacements across Metro Trolley Substations and related systems and implementation of those recommendations.</p> <p>Description of Budget Request: Funding is intended to support final design of the solution through implementation.</p>
1134261	Building Management Systems Replacement STANDALONE		\$635,175	<p>Scope: Building Management Systems Replacement - This project will replace the building management system control and monitoring components at up to five locations. It is assumed these locations may be Bellevue Base, Power Distribution HQ, North Facilities, Van Distribution Center, and Information Distribution Warehouse.</p> <p>Description of Budget Request: The 2017 Building Automation Controls Assessment was used to formulate original budget assumptions for this project. The requested funding for 2023-2024 is for implementation at approximately five locations. Additional transit facilities' building management systems may be replaced on their respective HVAC replacement projects planned for implementation 2021-2028.</p>
1134262	Replacement of Yard Light at East Base STANDALONE		\$1,860,499	<p>Scope: Yard Light Replacement - This project will initiate a feasibility and alternatives analysis to determine optimal methods to achieve required lighting levels and then move forward to systematically replace and augment existing fixtures with means to achieve the minimum required lighting levels at Metro facilities.</p> <p>Description of Budget Request: Budget estimate was generated by in house engineering analysis and third party estimate. 2023-2024 funding is to support implementation and closeout.</p>
1134265	Routine Equipment Replacement 2019-20 STANDALONE		\$602,141	<p>Scope: This project includes replacement of the following equipment located at Metro bases and supporting facilities: Non-Revenue Vehicle Maintenance Building (NRV) Fuel Pump, Component Supply Center (CSC) Sign Printer, Component Supply Center (CSC) Knee Mill, Component Supply Center (CSC) Press Brake, Atlantic Base Vehicle Maintenance (ABVM) Air Compressors System, Ryerson Base Vehicle Maintenance (RBVM) Air Compressors System, South Facilities Maintenance (SFM) Air Compressor System.</p> <p>Description of Budget Request: This budget request is based on actual expenditure for two completed equipment replacement (NRV Fuel Pump at Central Campus, and CSC Sign Printer at South Campus); and baseline estimate for five additional equipment replacement in progress as of March 2022 (CSC Press Break, CSC Knee Mil, AB Air Compressors, RB Air Compressors, SF Air Compressors). Two of the equipment originally scoped for this project have begun Alternatives Analysis and been pushed to the 2021-2022 Equipment Replacement Project.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134269	South Base Fluid Underground Storage Tanks STANDALONE		\$0	<p>Scope: South Base Vehicle Maintenance Fluid Underground Storage Tanks - This project includes the review of the existing underground fluid storage tank locations and development of an alternatives analysis report around replacing, repairing and/or lining the tanks. The original project scope focused on the single waste oil tank with a warranty expiration in 2019. Upon project initiation an additional fourteen (14) underground storage tanks were identified as similar vintage and requiring review. This updated scope and budget for 2023-2024 is to address up to fifteen (15) underground storage tanks at South Base.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134274	Zero Emission Infrastructure Planning STANDALONE		\$1,311,845	<p>Scope: Zero Emission Vehicle Infrastructure Planning - This program is for the overall planning and programming of the vehicle infrastructure facilities to support a zero-emissions fleet. The planning efforts will address the increasing workload, complexity, and necessity of developing a strategic, system wide plan for the future of the Zero Emission Vehicle Infrastructure.</p> <p>Description of Budget Request: By reviewing past costs in support of similar programs (like the Trolley infrastructure project/program) the budget costs identified here are to support planning staff and consultant studies to establish and oversee the ongoing zero emission works.</p>
1134275	Madison Corridor Trolley System Restructure STANDALONE		\$121,423	<p>Scope: Madison Corridor Restructure - This project will support of the design and construction of trolley infrastructure that will need to be completed in support of trolleybus service restructure for the RapidRide G Line project. New overhead wire, switches, poles, and other additional trolley infrastructure will be needed to accommodate a restructure of existing trolley routes when the RapidRide G Line is implemented. The scope includes approximately 800 feet of new trolley infrastructure needed along E Pine Street between Madison Street and 15th Avenue to support a restructure of the Route 12.</p> <p>Description of Budget Request: The budget for this project is based on planning level cost estimates to design and construct the new trolley infrastructure. The cost estimates for final design and construction will be updated after preliminary design is completed.</p>
1134276	North East 43d Street Trolley Modifications STANDALONE		\$1,943,147	<p>Scope: NE 43rd Avenue Trolley Modifications - This project is for the planning, design, & implementation of additional trolley infrastructure in support of the new U-District Station. This appropriation will be used to implement approximately one-quarter mile of new one-way trolley wire on NE 43rd Street (between 15th Ave NE and 12th Ave NE) and 12 Ave NE (between NE 45th Street and NE 43rd Street).</p> <p>Description of Budget Request: The budget request is necessary to fund additional work identified in partnership with the City of Seattle Department of Transportation (SDOT) and includes an expansion of the limits of modifications to the trolley Overhead Catenary System (OCS). This work and budget increase is required to operate trolley buses to serve the new U-District Link light rail station and account for additional staff time to closeout the project.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134282	Electric Bus Charging Test Facility at South Base STANDALONE		\$1,073,442	<p>Scope: South Base Charging Test Area - This project involves planning, design and construction of infrastructure to support Zero Emission Bus (ZEB) chargers at Metro's South Base. This site will ultimately be capable of charging long-range battery electric buses, which Metro will be testing in the coming years, as well as placing long-range BEBs (Battery Electric Bus) into revenue service consistent with Metro's BEB fleet plan. The project includes a new charging equipment testing area, switchgear, new power service, and charging provisions.</p> <p>Description of Budget Request: The costs associated with this appropriation will allow for the design, implementation, testing, certification, operations, and closeout of this project. The budget was developed using costs from previous ZEB charger projects.</p>
1134292	Totem Lake Eastgate RapidRide Line (K) STANDALONE		\$508,549	<p>Scope: RapidRide Totem Lake-Eastgate/ K Line - This project is a planned RapidRide line for Routes 234/235/271 and extends from Totem Lake Transit Center to Eastgate in Bellevue, passing through the cities of Kirkland and Bellevue. This project would plan the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include passenger facilities, roadway, signal and ITS improvements which result in better transit speed and reliability, access to transit projects and necessary communication and technology efforts to support the service. This budget does not include vehicles.</p> <p>Description of Budget Request: Detailed estimates for project costs have been developed using past agency experience delivering the six original RapidRide lines and the in process four lines, along with a detailed work breakdown structure and resource-loaded project schedule identifying the cost associated with each individual component of RapidRide delivery. The requested budget will move the project through the preliminary design phase of the project.</p>
1134297	Speed and Reliability Planning PROGRAMMATIC		\$3,889,288	<p>Scope: Speed and Reliability Planning - This program covers project planning, identification and prioritization of Speed and Reliability investments for the Corridor/Spot Improvement Sub Portfolio and provides program management activities. Staff will collaborate with the Mobility Division to ensure planning work conducted under this program aligns with the current needs and applies Mobility Framework principles. The effort for this program includes strategic development in planning for future capital investment based on financial resources availability in the out years and project scoping for specific corridors.</p> <p>Description of Budget Request: Budget request includes professional services and staffing within the Speed and Reliability capital planning group. The remainder of the budget will fund the program management efforts to identify and prioritize corridors needing capital investments in the next three biennia.</p>
1134326	Atlantic Base Wash Systems Refurbishment STANDALONE		\$472,289	<p>Scope: Atlantic Base Wash Systems Refurbishment - This project refurbishes multiple components of fuel and wash systems at Atlantic Base.</p> <p>Description of Budget Request: 2023-2024 funding is intended to support final design and implementation. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors. Additionally, KPFF Consulting Engineers completed an analysis in December 2017 in which they provided an updated ROM cost for construction.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134331	Routine Equipment Replacement 2023-24 STANDALONE		\$1,581,653	<p>Scope: Equipment Replacement - This routine project supports the replacement of major equipment at Metro Transit Facilities. Approximately five (5) major equipment that are beyond their useful service life, with conditions of poor to inoperable, or are no longer efficient will be replaced. The priority order will follow the Conditions Assessment completed by a third party consultant and quality controlled by Transit's Engineering Unit.</p> <p>Description of Budget Request: This routine project budget request is based on historical and engineering cost estimates of the projects in its work plan. There are approximately five (5) major equipment asset replacements anticipated in 2023-2024.</p>
1134333	Shelter Refurbishment 2023-24 STANDALONE		\$3,982,337	<p>Scope: Shelter Refurbishment - This is a placeholder project for investments in 2023-2024 associated with the ongoing state of good repair maintenance program to refurbish 180 - 200 shelters annually. Bus shelters have a lifecycle of 10 years, depending on the use in the area where shelters are located. Refurbishment work can involve component repairs and replacements, repainting, new roof standards, built-in lighting upgrades, panel upgrades, and specialized installments such as public art and Rapid Ride components that have more electrical and electronic systems.</p> <p>Description of Budget Request: Budget estimate based on benchmarking previous years expense trends, averaging \$1.9 to \$2.3 million per year to meet targets for labor requirements, materials, supplies, and the equipment needed for the 2023-24 Biennia. Also anticipating increase in materials of 5-10% with recent imposed tariffs, new materials contracts, as well as labor increase of 5-7.5% with general wage increases implemented by ATU and Local 17. 2023/24 plans reflect ongoing opportunity for Rapid Ride Refurbishment program to be included.</p>
1134354	Routine Facility Improvements 2021-22 STANDALONE		\$44,724	<p>Scope: Routine Facilities Improvements - This project supports transit operations and maintenance by adding new assets or by extending the lives of existing facility assets. Improvements are justified by changes in business practices, technology, and regulations. The program improves transit operating facilities (bases, maintenance and support), work environments for employees, and passenger facilities.</p> <p>Description of Budget Request: This program budget request is based on previous biennia spend for this program. Specific projects will be estimated as the work is identified in the coming years.</p>
1134367	Bus Lift Replacement at North Base STANDALONE		\$0	<p>Scope: North Base Lift Replacement - Project includes replacement of the rotary post axle lifts and rotary post platform lifts at North Base. Funding is anticipated to support replacement of up to four lifts. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134376	Routine Building Envelope Program 2021-22 STANDALONE		\$4,031,466	<p>Scope: Routine Building Envelope Replacement - This project is for investments in the Roof and Building Envelope Replacement Program Including: 1) Central Base Roof Repairs and Flashings; 2) East Base Patio Replacement; 3) South Facilities Roof Replacement. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: Funding is expected to support the complete project lifecycle for the projects identified in the project scope section. Additional funding requested for this project is to complement the South Facilities HVAC replacement project number 1134243. The South Facilities HVAC project is anticipated to reach construction by mid-2023, and benefits from aligning roof replacement efforts to mitigate anticipated repairs from damage caused by HVAC replacement. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing as generated by third party engineers and incorporating metrics for soft cost factors.</p>
1134377	Overall Fire System Replacement 2023-24 STANDALONE		\$117,126	<p>Scope: Fire Control System Replacement - This project is for routine replacement of fire control systems at up to 10 Transit facilities. Scope assumes replacements and/or repairs of fire system, including but not limited to: sprinkler heads, piping, alarms, dry riser system(s), valve(s) and associated components. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing as generated by third party engineers and incorporating metrics for soft cost factors. 2023-2024 funding supports design through implementation.</p>
1134380	Fuel Storage Tank Replacement at North Facilities STANDALONE		\$0	<p>Scope: Fuel and Fluid Storage Tank Replacement - This project is for planned replacement of fuel and fluid storage tanks and associated piping at North Facilities and Power Distribution. Scope includes the review of existing tanks and development of an alternative analysis report around replacing, repairing and/or lining the tanks, and implementation of the recommended solution. The timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134385	Trolley Power Delivery System Replacement STANDALONE		\$0	<p>Scope: Trolley Power Delivery System Replacement - This project for the routine replacement of power delivery system components at several substations. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134387	HUSTUS System Upgrade 2023 STANDALONE			\$0 Scope: HASTUS Scheduling System Upgrade - This placeholder project will upgrade the current HASTUS Transit Scheduling, Operational Support, Service Planning, and Timetable and Bus Stop Schedule production system to the current vendor version. The upgrade will primarily consist of the vendor (GIRO) applying customizations that are specific to King County Metro and that continue to be required to meet specific business requirements and labor agreements to the base HASTUS modules. King County Metro staff will test the updated system extensively to verify that all required functionality works correctly. KCIT will perform updates to any interfaces and reports developed by KCIT as necessary to preserve functionality. Investments are intended to improve the lifecycle management of information technology used by Metro. Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.
1134388	Upgrade Transit On Board Systems 2021 STANDALONE			\$0 Scope: Upgrades to Transit On Board Systems - This placeholder project will fund future anticipated upgrades to Transit's on board systems and systems at the Transit Control Center. Specific investments will be identified in future budget cycles. Investments are intended to improve the lifecycle management of information technology used by Metro. Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.
1134391	Transit Control Center System 2027 STANDALONE			\$0 Scope: Upgrades to Transit Control Center Systems - This project will implement upgrades and enhancements to systems in the Transit Control Center. These systems monitor and allow for Coordinator support of service being operated. This project is to maintain business continuity and support this essential service and support life safety concerns. Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.
1134392	Upgrade Transit Radio Network 2027 STANDALONE			\$0 Scope: Upgrade or Replace Transit Radio Network - This placeholder project will upgrade/replace the transit radio network to provide a stable secondary communications network for the transit fixed route and RapidRide bus fleet. Specific investments will be identified in future budget cycles. Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134394	Customer Information Management Program STANDALONE		\$0	<p>Scope: Customer Information Management Program - This program will implement unified customer communications tools across the Metro Transit Department. The scope includes updating and improving tools, such as Metro's Trip Planner, data feed to third parties such as OneBusAway, systems that manage Timetable and stop schedule production, and business practices that enhance customer communications, messaging, response time, assessments, and interfaces. These enhancements will improve collaboration and data sharing department-wide.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134396	Mobility Technology Tools PROGRAMMATIC		\$0	<p>Scope: Mobility Technology Tools - This placeholder project will provide necessary technology tools for Metro's newly emergent mobility programs. Specific investments will be identified in future budget cycles.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134398	Safety and Security Program STANDALONE		\$0	<p>Scope: Upgrades/Consolidation of Safety Systems - This placeholder project will provide necessary upgrades and consolidation of multiple tools used to manage safety programs and track safety issues and events across Metro. Specific investments will be identified in future budget cycles. Investments are intended to improve the lifecycle management of information technology used by Metro.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134399	Service Delivery Program PROGRAMMATIC		\$0	<p>Scope: Upgrade/Consolidation of Service Delivery/Management Tools - This placeholder project will fund necessary upgrades and consolidation of multiple technology tools used to manage and deliver transit service. Specific investments will be identified in future budget cycles. Investments are intended to improve the lifecycle management of information technology used by Metro.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1134400	Service Design Program PROGRAMMATIC		\$0	<p>Scope: Service Design Program - This is a programmatic project that will fund specific business requirements that arise from the Service Management Modernization Planning project, to implement business requirements related to the design and development of transit service. Sub projects will enhance how Metro plans and schedules service to meet the needs of customers and advance equity issues around access to service.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139239	West Seattle Mobility Transit Hub STANDALONE		\$89,549	Scope: Marine West Seattle Mobility Transit Hub - This project will plan, site, and conduct preliminary engineering for a multi phased mobility hub facility that would accommodate transit bus/shuttles, bike and pedestrian access for transit connections to Water Taxi service for West Seattle. Description of Budget Request: Budget request supports completion of preliminary design. A project engineer's cost estimate was completed in April 2018 and updated in 2022. Total project costs are estimated at approximately \$13M dependent on the final scope of the project. This cost estimate will be reevaluated once site has been finalized.
1139321	Facility Condition Assessment 2025-26 STANDALONE		\$0	Scope: Facility Condition Assessment - This program funds inspections of all of Metro's facilities and generates a report of necessary repair and replacement needs critical to the long term state of good repair for Metro's assets. Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.
1139324	Eagle Trailer Lease STANDALONE		\$0	Scope: South Base Vehicle Maintenance (Eagle Trailer) Lease - This project supports lease payments at 12119 East Marginal Way South, across from South Base, to support the displacement of Fleet Engineering from the South Annex, which in turn enables the construction of the South Annex Base. The site also enables expansion of Metro's New Bus Prep services from the Component Supply Center. Expansion of the New Bus Prep service to this alternate facility also permits expansion of Component Supply Center's Body Shop functionality. This project is part of a split out and disappropriation of 1134220 - TDC OCG RELOCS & DISPLACMNTS Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.
1139326	Electric Vehicle Charging Program Budget PROGRAMMATIC		\$1,622,741	Scope: EV Charging- This master project will continue to build charging infrastructure to support electrification of light duty vehicles. The project will plan, design and implement infrastructure to support Level II and Level III chargers at various Metro Transit facilities. The project does not include the electric vehicles themselves and may include agreements to lease or purchase the charger and charge management systems. Description of Budget Request: Budget request is needed to implement non-bus vehicle charging infrastructure at transit facilities.
1139330	Comfort Station Planning STANDALONE		\$64,816	Scope: Comfort Station Planning - This project will evaluate Metro's approach to driver comfort stations, review comfort station service delivery alternatives, establish a plan for future comfort station development and provide catalogued requirements. Description of Budget Request: Budget request is based upon estimated internal resource requirements and consultant cost for similar bodies of work.

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139331	Overall Building Envelope 2023-24 STANDALONE		\$1,252,186	<p>Scope: 2023-2024 Overall Building Envelope - This project is for investments in the 2023-2024 Building Envelope Program. Scope includes East Base Millwright Shop refurbishment, and refurbishments at varying park & ride locations. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: 2023-2024 funding is expected to support the complete project lifecycle for the project identified in the project scope section. The Transit Facilities Conditions Needs Report provides rough order of magnitude replacement costing, generated by third party engineers and incorporating metrics for soft cost factors.</p>
1139333	Trolley Poles 2023-24 STANDALONE		\$2,026,082	<p>Scope: Trolley Poles Infrastructure - This program supports the maintenance and repair of the trolley bus system by replacing trolley poles, as needed. Previous efforts have resulted in 80 - 100 poles being replaced annually.</p> <p>Description of Budget Request: The 2023-2024 budget is based on past years' expense trend for maintenance, repair, and replacement of trolley poles. These costs include labor, supplies, and equipment to support the timely maintenance, repair, and/or replacement of the trolley poles.</p>
1139334	Trolley Poles 2025-26 STANDALONE		\$0	<p>Scope: Trolley Poles Infrastructure - This program supports the maintenance and repair of the trolley bus system by replacing trolley poles, as needed. Previous efforts have resulted in 80 - 100 poles being replaced annually.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139336	Trolley Overhead Switches 2023-24 STANDALONE		\$1,014,914	<p>Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in 5 to 15 overhead switches and ancillary hardware being replaced annually.</p> <p>Description of Budget Request: The 2023-2024 budget is based on past years' expense trends for maintenance, repair, and replacement of trolley switches. These costs include labor, supplies, and equipment to support the timely maintenance, repair and/or replacement of the trolley switches.</p>
1139337	Trolley Overhead Switches 2025-24 STANDALONE		\$0	<p>Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in 5 to 15 overhead switches and ancillary hardware being replaced annually.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139342	State of Good Repair Unforeseen 2023-24 STANDALONE		\$1,000,000	<p>Scope: Unforeseen State of Good Repair - This project provides for design work to repair or replace unforeseen damage or failures of Transit's assets such as facilities and infrastructure. This project is for staff and consultant resources as needed to determine the criticality of taking action to fix an issue with an asset within the current biennium. Further, the project funding is available to explore alternative solutions to address the repair or replacement of the facility or infrastructure component and begin implementing the fix until budget action can be taken to obtain appropriation to finish the work.</p> <p>Description of Budget Request: Appropriation requested is intended to cover unplanned, priority expenditures related to the need to repair or replace Metro assets. Requested funding would cover potential planning, design and implementation work in Metro's State of Good Repair program.</p>
1139343	State of Good Repair Unforeseen 2025-26 STANDALONE		\$0	<p>Scope: Unforeseen State of Good Repair - This project provides for design work to repair or replace unforeseen damage or failures of Transit's assets such as facilities and infrastructure. This project is for staff and consultant resources as needed to determine the criticality of taking action to fix an issue with an asset within the current biennium. Further, the project funding is available to explore alternative solutions to address the repair or replacement of the facility or infrastructure component and begin implementing the fix until budget action can be taken to obtain appropriation to finish the work.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139344	Route 40 Transit Plus Multimodal Corridor STANDALONE		\$2,130,425	<p>Scope: Route 40 Improvements - This project will construct transit speed and reliability improvements along King County Metro Route 40. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 40 corridor, as part of Seattle's Transit-Plus Multimodal Corridor Program. The project is expected to be completed in 2024. The project's scope includes constructing transit speed and reliability treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, bus zone amenity improvements, and other treatments to improve transit speed and reliability.</p> <p>Description of Budget Request: The requested appropriation will support the final design, implementation, and close-out phases of this project. Projected spending includes fully burdened staff time, construction materials, and project contingency. The budget requested is necessary in order to cover total project costs through the anticipated completion date in 2024. Total project cost (Estimate at Completion) remains unchanged from the prior biennium.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139345	Routine Pavement Repair 2023-24 STANDALONE		\$3,377,309	<p>Scope: Routine Paving and Repair - This project supports routine paving repair/replacement at Metro bases, supporting facilities, and park and rides. Timing is consistent with Metro's Transit Asset Management Plan. Approximately 10 sites are repaid each biennium. Planned locations for 2023-2024 include Atlantic Base, Central Base, Auburn Park & Ride, East Base, North Base, Overlake Transit Center, Ryerson Base, and South Base.</p> <p>Description of Budget Request: This budget request is based on recent inspections of the facilities and scheduled repairs and maintenance in accordance with programmatic life cycle schedules. The dollar amount is derived from comparison with previous years repairs, and current on call contract unit prices. 2023 -2024 funding is expected to include the completion of all works indicated in the scope of work for this biennium, from planning through implementation and close out.</p>
1139347	Routine Pavement Repair 2025-26 STANDALONE		\$0	<p>Scope: Routine Paving and Repair - This project supports routine paving repair/replacement at Metro bases, supporting facilities, and park and rides. Timing is consistent with Metro's Transit Asset Management Plan. Approximately 10 sites are repaired each biennium. Planned locations for 2025-2026 include: Atlantic/Central Base, Bellevue Base, Burien Transit Center, East Base, North Base, Newport Hills Park & Ride, Ryerson Base, and South Base.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139350	Bellevue Base Vehicle Maintenance Bus Lift Replacement STANDALONE		\$0	<p>Scope: Bellevue Base Vehicle Maintenance Bus Lift Replacement - This project includes replacement of one scissor lift in maintenance bay number 8 at Bellevue Base. This lift was decommissioned in place on project 1131481 - TDC BB EMERG LIFT REPL and a new project was requested to address this modified scissor lift. This project will confirm a preferred alternative and installation of the recommended solution.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139354	Sound Transit I-405 Bus Rapid Transit Passenger Partnership STANDALONE		\$4,874,679	<p>Scope: Sound Transit 405 Bus Rapid Transit Partnership - This project will improve the transfer experience for customers navigating between the new I-405 Stride BRT South Renton Transit Center and connecting Metro bus routes by providing safe, accessible, and ADA-compliant boarding areas and electronic bus arrival/departure information via integrated Real Time Information System (RTIS). The project will contribute to Sound Transit's I-405 Stride BRT project for construction of the new South Renton Transit Center. The project will provide Metro with 6 active bays, 13 layover bays, and other transit center passenger facility components. These include the transit center platform, canopy, lighting, real-time bus arrival information, wayfinding signs, benches, comfort stations, lactation room, and utility infrastructure. This project scope does not include zero emissions infrastructure at the South Renton Transit Center; that is included in project 1142625 TDC S RENTON LAYOVER CHRNGG.</p> <p>Description of Budget Request: The previous budget request for the 2021-2022 biennium was based off of Sound Transit's conceptual design-level cost estimate range of \$10-17M and only covered costs for active bays, and the new budget request for 2023-2024 is based on Sound Transit's 30% design cost estimate of \$22.2M for active and layover bays. The budget request covers a 100% cost sharing contribution to the layover bays, as Metro will be using all 13 of the bays.</p>
1139356	Field Communications STANDALONE		\$0	<p>Scope: Field Communications - This project will identify requirements and options for the modernization of the Enterprise Transit Communications Network topology. The project will determine requirements for person to person and device to device communication and will deliver the appropriate combination of cellular and radio communication tools to fulfill those requirements.</p> <p>Description of Budget Request: No appropriation is requested for the 2023-2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139357	Central Base Yard Light Replacement STANDALONE		\$1,638,065	<p>Scope: Central Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.</p> <p>Description of Budget Request: The budget estimate was generated by in house engineering analysis and a third party consultant review. Funding is expected to support design through closeout.</p>
1139358	South Base Yard Light Replacement STANDALONE		\$629,002	<p>Scope: South Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.</p> <p>Description of Budget Request: The budget estimate was generated by in house engineering analysis and a third party consultant review. Funding is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139359	Video Management System STANDALONE		\$11,487,544	<p>Scope: Video Management System - The Video Management System (VMS) Project will procure, install and operationalize an automated, cloud-based solution for identifying, labeling and distributing requested video segments/events. The solution will integrate with the existing On-Board Camera Systems (OBCS) infrastructure. Future updating and/or replacement of OBCS should integrate with the automated, cloud-based VMS solution to the greatest extent possible.</p> <p>Description of Budget Request: The majority of the project budget is for hardware and software that must be installed in each Metro coach. Budget estimates for the 2021-22 biennium were an average among high-level estimates from multiple vendors after an RFI Phase. However, a failed Q1 2021 RFP triggered a series of project decisions and additional research, leading to Metro securing a Sole Source Procurement Waiver for the GENETEC solution in late 2021. With that waiver in hand, we were able to initiate the current 8-coach Proof of Concept (POC) and secure more accurate cost estimates from GENETEC specifically.</p>
1139360	Incall Active Call Distribution STANDALONE		\$0	<p>Scope: Active Call Distribution - This project will upgrade the software that distributes customer calls through the Metro Customer Service call center.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139367	Interim Base Bus Charging STANDALONE		\$26,483,149	<p>Scope: Interim Base Battery Electric Bus Charging - This project will develop and build the charging infrastructure to support operations of 120 Battery Electric Buses (BEB) at Metro’s Interim Base Facility. The project will include design, procurement, implementation, and commissioning of the elements of the charging infrastructure for the facility including transformers, switchgear, cabling, vehicle chargers, pantograph system, overhead support structures, equipment access, paving, and other ancillary items required to commission and begin operation of Metro’s first designated battery electric bus base.</p> <p>Description of Budget Request: This budget request will support all remaining phases of the project. The budget request is based on 15% design estimates from the awarded Design/Build firm plus other known and assumed county costs for internal labor, 3rd party construction management, and commissioning. This budget request includes the full scope of the project and reflects assumptions for substantial inflation rates, primarily on electrical equipment, due to current market conditions, which were not anticipated in the original planning level estimate. The use of the Progressive Design Build delivery method requires ability to move forward with implementation activities once the contract proceeds beyond baseline. This appropriation will provide necessary support to authorize the Design/Builder to begin purchasing charging equipment and other long lead time items to meet the 2025 opening date.</p>
1139371	Ryerson Base Yard Light Replacement STANDALONE		\$2,055,809	<p>Scope: Ryerson Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.</p> <p>Description of Budget Request: The budget estimate was generated by in house engineering analysis and a third party consultant review. Funding is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139372	Bellevue Base Yard Light Replacement STANDALONE		\$1,202,196	<p>Scope: Bellevue Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.</p> <p>Description of Budget Request: The budget estimate was generated by in house engineering analysis and a third party consultant review. Funding is expected to support design through closeout.</p>
1139373	Sound Transit Federal Way Link Passenger Improvements STANDALONE		\$26,701	<p>Scope: Sound Transit Federal Way Link Extension Passenger Improvements - This project will improve the transfer experience for customers navigating between new Federal Way Link Extension (FWLE) rail stations and connecting Metro bus routes, including existing RapidRide lines. These projects will serve as a critical component in helping build a safe, convenient, reliable, and intuitive regional transit system that will help the County attain its ridership and customer satisfaction goals. Investments will be made at Kent/Des Moines and South 272nd Street stations (Sound Transit will provide passenger facilities and amenities at Federal Way Transit Center Station). Improvements will include new or relocated bus stops, new shelters, benches, lighting, real-time bus arrival information, and wayfinding signs.</p> <p>Description of Budget Request: Metro is requesting \$26,701 of additional appropriation in 2023-2024 to complete the implementation of this project with total planned expense of \$1.1M.</p>
1139374	North Base Yard Light Replacement STANDALONE		\$2,642,631	<p>Scope: North Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.</p> <p>Description of Budget Request: The refreshed budget estimate for 2023-2024 was generated by in house engineering analysis and a third party consultant review. Funding is expected to support design through closeout.</p>
1139384	Shelter Refurbishment 2025-26 STANDALONE		\$0	<p>Scope: 2025-2026 Shelter Refurbishment - This is a placeholder project for investments in 2025-2026 associated with the ongoing State of Good Repair maintenance program to refurbish 180-200 shelters annually. Bus shelters have a lifecycle of 10 years, depending on the use in the area where shelters are located. Refurbishment work can involve component repairs and replacements, repainting, new roof standards, built-in lighting upgrades, panel upgrades, and specialized installments such as public art and RapidRide components that have more electrical and electronic systems. Specific locations are confirmed per biennium.</p> <p>Description of Budget Request: No appropriation is requested for the 2023-2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139385	Routine Equipment Replacement 2025-26 STANDALONE		\$0	<p>Scope: Routine Equipment Replacement 2025-2026 - This routine project supports the replacement of major equipment at Metro Transit Facilities. Approximately five (5) major equipment that are beyond their useful service life, with conditions of poor to inoperable, or are no longer efficient will be replaced. The priority order will follow the Conditions Assessment completed by a third party consultant and quality controlled by Transit's Engineering Unit.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139386	Equipment Replacement 2021-22 STANDALONE		\$20,071	<p>Scope: Minor Equipment Replacement - This program supports the replacement of minor equipment at Metro Transit Facilities. The minor equipment replacements includes a number of fixed assets typically under \$100,000 that are critical to operations and at the end of their respective life cycles. The program includes approximately 15-20 minor equipment replacements across the system and typically "plug and play."</p> <p>Description of Budget Request: This program budget request is based on historical and engineering cost estimates of the projects in its work plan.</p>
1139387	Minor Equipment Replacement 2023-24 STANDALONE		\$1,070,135	<p>Scope: Minor Equipment Replacement - This program supports the replacement of minor equipment at Metro Transit Facilities. The minor equipment replacements include a number of fixed assets typically under \$100,000 that are critical to operations and at the end of their respective life cycles. The program includes approximately ten (10) minor equipment replacements across the system and are typically "plug and play."</p> <p>Description of Budget Request: This program budget request is based on historical and engineering cost estimates of the projects in its work plan. There are approximately ten (10) minor equipment assets replacements anticipated per biennium.</p>
1139388	Minor Equipment Replacement 2025-26 STANDALONE		\$0	<p>Scope: Minor Equipment Replacement - This program supports the replacement of minor equipment at Metro Transit Facilities. The minor equipment replacements include a number of fixed assets typically under \$100,000 that are critical to operations and at the end of their respective life cycles. The program includes approximately ten (10) minor equipment replacements across the system and are typically "plug and play."</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139396	Data Analytics Program Placeholder STANDALONE		\$0	<p>Scope: Data Analytics and Reporting - This programmatic project will fund the upgrade, improvement, and consolidation of Data Analytics Tools. This placeholder project will fund necessary upgrades, improvements, and consolidation of multiple technology tools used to analyze and report on transit service, to help guide management decisions and assist with required reporting. Investments are intended to improve the lifecycle management of information technology used by Metro.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139398	Transit Oriented Communities Planning PROGRAMMATIC		\$648,181	<p>Scope: Transit Oriented Communities Planning - The transit oriented communities (TOC) program planning project is the master project for the TOC (formerly the Transit oriented development) program. With the upcoming adoption of Metro's Equitable Transit oriented communities policy, this project supports Metro's efforts to deliver the policy goals and build a robust program. Specifically these funds will support the development of a strategic plan and other foundational work needed to support the program. The TOC program seeks to take a strategic approach to managing our real property portfolio to identify opportunities and reposition our properties from single purpose parking lots or transit facilities to properties that can achieve community development goals. In addition, this program will support efforts to integrate land use considerations into how Metro plans for and deploys new high frequency service.</p> <p>Description of Budget Request: The budget request is based on funding one FTE as the program manager and consultant resources needed to support the development of deliverables needed to create program procedures and foundational documents and support minimal project development activities.</p>
1139400	Green Power Charge Management STANDALONE		\$0	<p>Scope: Green Power Charge Management - This project includes the planning effort to enable and manage the centralized charging Infrastructure of Transit's fleet. This planned solution will include integration of infrastructure and software with County and public utilities systems to coordinate, optimize and deliver cost effective solutions across the County. This project will also help in researching the current charging technologies available in the market along with the various cost models, establishing the overall long term strategic roadmap for electrification and zero emissions.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139410	State of Good Repair Program Management 2023 -24 STANDALONE		\$1,433,632	<p>Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects within the SGR Sub Portfolio and includes prioritization of projects within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs. This project also involves monitoring for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated manner; and coordinating with projects in other programs. Program management activities will also be responsible for ensuring coordination with Vehicle Maintenance and Operations Divisions.</p> <p>Description of Budget Request: The budget request is based on staffing in the capital planning, transit facilities division and program management responsible for the capital planning and program management duties within the State of Good Repair Sub Portfolio. A modest amount of professional services are included to augment staff expertise.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1139414	State of Good Repair Program Management 2025-26 STANDALONE		\$0	<p>Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects within the SGR Sub Portfolio and includes prioritization of projects within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs. This project also involves monitoring for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated manner; and coordinating with projects in other programs. Program management activities will also be responsible for ensuring coordination with Vehicle Maintenance and Operations Divisions.</p> <p>Description of Budget Request: No appropriation is requested for the 2023-2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139423	Facility Condition Assessment 2023-24 STANDALONE		\$2,526,670	<p>Scope: Facility Condition Assessment - This program funds inspections of all of Metro's facilities and generates a report of necessary repair and replacement needs critical to the long term state of good repair for Metro's assets.</p> <p>Description of Budget Request: The budget is based on the value of anticipated consultant work orders plus employee costs for internal engineering support.</p>
1139852	Layover Charging Budget PROGRAMMATIC		\$9,779,629	<p>Scope: Develop new on route charging infrastructure and complete on route charging infrastructure to support 2025/2026 Electric Bus Deployment. Fully implemented on route charging infrastructure may include: transformers/meters, switchboards, disconnects, fusing, conduit, cabling, junction boxes, access boxes, DC fast chargers and battery storage, overhead support structure and mounting provisions, pantographs, coach identification equipment, safety and security systems, remote monitoring systems, solar panels, coach alignment contrivances, signage, striping and pavement markings.</p> <p>Description of Budget Request: The budget request is based on information provided by the Metro zero-emissions bus group and reflects current trends and expectations of future costing for on route charging stations.</p>
1141991	100th Street Sidewalk Improvements STANDALONE		\$543,799	<p>Scope: 100th Street Sidewalk Improvements - This project will design and construct pedestrian amenities to support transit access including sidewalks, curb & gutter, access ramps, roadway channelization/crosswalk striping, lighting and pedestrian crossing enhancements and other improvements.</p> <p>Description of Budget Request: Budget request in 2023-24 is to account for volatile and escalating market conditions, and needed to enter into construction contract. This project was split out into a standalone project from the 1134197 TDC Safe Routes to Transit Program.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1141992	East Branch of Riverton Creek Daylight STANDALONE		\$115,938	<p>Scope: Scosa Creek Daylight - This project will daylight approximately 195' of the East Branch of Riverton Creek by 2025. The creek is currently located in an underground pipe running behind Metro's South Campus Office and Storage Auxiliary. This project is to comply with 2019 City of Tukwila rezone requirements.</p> <p>Description of Budget Request: This budget request was developed using a 3rd party estimate based on requirements for stream daylighting.</p>
1141994	RapidRide A Line Investments STANDALONE		\$2,042,873	<p>Scope: RapidRide A line Investments - This project will identify, design and implement a series of key station amenities as well as station area and transit hub investments along the RapidRide A Line corridor. These investments will improve the customer experience by working to improve access, improve undersized stations/station areas and to implement safety or security related measures where Metro riders have experienced safety or security issues or have perceptions of a station area being unsafe during certain times of day. Additional improvements may also be made to accommodate future electrification goals on the route and to improve the RapidRide A Line's transit speed and reliability.</p> <p>Description of Budget Request: This budget includes minor in real estate acquisition costs to allow for the expansion of undersized station areas where there is not adequate public right of way. This budget will include a preliminary design phases with special emphasis on safety and security related issues identification and mitigation proposals.</p>
1141996	Metro Facility Security Improvements Budget TDC BASE SECURITY IMPRVMT BUD		\$1,257,438	<p>Scope: Base Security Improvements - This programmatic project will develop and deploy a vehicle gate pilot program, guide development of standardized fencing/gate and key card entry details and associated drawings/specifications for Metro's transit bases, and support the composition of a fencing/gate replacement RFP to cover the future project scope of full replacement of fences/gates at Metro Transit Bases.</p> <p>Description of Budget Request: Funding requested for 2023-2024 will cover planning and design expenditures for this project, including the composition of an RFP to cover future project scope for full implementation of new fences and gates at Metro bases.</p>
1142000	Rainier Vision Zero Trolley STANDALONE		\$1,515,555	<p>Scope: Rainier Vision Zero - This project will make several trolley overhead catenary system (OCS) changes on Rainier Avenue South, including: 1) modify existing trolley wire from South Henderson Street to South Graham Street to align it with a Business Access and Transit (BAT) lane recently installed by the Seattle Department of Transportation (SDOT), 2) modify existing trolley wire from South Alaska Street to South Kenny Street to align it with the lane the bus currently travels in, 3) re-install trolley infrastructure to allow buses to turn around at the intersection of Rainier Avenue South and South Graham Street, and 4) modify trolley turnback infrastructure at the intersection of Rainier Avenue South and South Rose Street that allows trolley buses to turn around.</p> <p>Description of Budget Request: The requested appropriation will support implementation through the anticipated completion date in 2023. Projected spending includes fully burdened staff time for project management, construction management, and implementation by Metro Power Distribution crews. It also includes construction materials and budget for construction contractor expenses.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1142080	Contracted Services Electric Vehicle Base Planning STANDALONE		\$612,920	<p>Scope: Electric Vehicle Ops Base Planning - This project will conduct preliminary site program scoping and design work to prepare for the eventual construction of a pure electric vehicle operations base for Metro's Mobility Division.</p> <p>Description of Budget Request: Budget request is to support preliminary design. Cost estimate is based upon similar projects.</p>
1142139	23d Avenue Transit Improvements STANDALONE		\$25,000	<p>Scope: 23rd Ave Transit Improvements - This project will work in partnership with the Seattle of Transportation to design and construct significant transit, pedestrian, and safety improvements on 23rd Avenue E and 24th Avenue E. The project will improve approximately one dozen bus stops on this corridor, including accessibility improvements at all the included bus stops and new shelter footings or new infrastructure for real time information signage at the busiest stops. The project will also improve access to transit by repairing damaged and inaccessible sidewalks, constructing new or improved traffic signals, revising the roadway channelization, and constructing new infrastructure for the trolleybus Overhead Contact System (OCS).</p> <p>Description of Budget Request: The appropriation request is based on a partnership agreement with the Seattle Department of Transportation (SDOT). The specific reimbursement details will be determined as part of the agreement and will be based on an independent cost estimate. Budget authority is needed to execute an agreement with SDOT.</p>
1142163	Base Electrification STANDALONE		\$12,039,400	<p>Scope: Base Electrification - This project is intended support the planning and design of battery electric bus charging infrastructure for the non-trolley fleet at Metro's Atlantic/Central Bases. This project will also support the implementation of conversion activities for Central Base, as well as supporting the ancillary capital cost related to relocation of service from the base during the construction shutdown and incurred cost from utility providers to support additional utility provided infrastructure.</p> <p>Description of Budget Request: The budget request for this project utilizes a metrics based estimate developed by Metro's subject matter experts for battery electric buses as well as historical cost from our limited past projects. A detailed planning study is underway which should provide detailed estimates for each project in the program. This appropriation will be used to design both Atlantic/Central Bases concurrently as they are immediately proximate to each other providing efficiency in utility distribution.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144041	Non-revenue Vehicle Replacement 2023-24 STANDALONE		\$8,398,048	<p>Scope: Non-Revenue Vehicle (NRV) Replacement Project - This project provides for both on and off road vehicles to support the King County Metro Transit revenue fleet and transit service. This project provides for the replacement of existing transit non-revenue equipment that have either met or exceeded the expected life or are no longer economical/effective to maintain. This project proposes to replace a total of 122 vehicles in five different categories in 2023 and 2024. Further expansion of EV fleet to Medium and Heavy Duty will require additional budget appropriation.</p> <p>Description of Budget Request: The budget was determined by a standard replacement threshold based on mileage and age of vehicles also taking into account vehicle condition and maintenance cost. Vehicle pricing is based on current model year cost plus a percentage increase for inflation as well as additional costs for aftermarket builds. EV replacement of vehicles is prioritized where vehicles and infrastructure are available to support fleet EV conversion goals.</p>
1144042	Sound Transit 130th LINK Partnership TDC RB LAYOVER CHARGE		\$1,718,127	<p>Scope: Sound Transit 130th St Link Partnership - The project will construct a pair of bus stops at Sound Transit's new NE 130th St Infill Station to provide a seamless transfer between rail and bus. Specifically, the project will construct one new eastbound bus stop and one new westbound bus stop, which will include new shelters, benches, lighting, real-time bus arrival information, and wayfinding signs. Metro will leverage the existing Sound Transit NE 130th St Infill Station-associated sidewalk and roadway project to help defray costs and conserve resources. This will include having Sound Transit complete utility and concrete work as part of larger capital improvements associated with the opening of the NE 130th St Infill Station. Metro will contract with Sound Transit for the utility and concrete work and provide lump sum partnership payments at the completion of design and construction. Metro will be responsible for purchasing, configuring, and installing the passenger elements.</p> <p>Description of Budget Request: The budget request supports improvements at two bus stops adjacent to the NE 130th St Infill Station, based on 60% design cost estimates for the bus stops. The NE 130th St Infill Station had previously been scheduled for 2031, but the Sound Transit Board of Directors accelerated the project to 2025. The other Lynnwood Link Extension stations (Shoreline South/148th, Shoreline North/185th, and Mountlake Terrace) will open in 2024, and the Metro transit integration project for those stations is funded by the existing standalone capital project TDC ST LYNWD LINK PSGR IMP 1139370.</p>
1144045	Energy Audit 2023-24 STANDALONE		\$491,419	<p>Scope: Energy Audit - This project is intended to support Washington State Clean Buildings Act mandated energy audits for the five Transit Facilities which are obligated to be analyzed under the regulation</p> <p>Description of Budget Request: The budget request leveraged rough order of magnitude assumptions for the cost of the energy audits by consultants plus historical soft costs for similar size/scope efforts.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144059	Metro Warehouse STANDALONE		\$6,691,049	<p>Scope: Metro Warehouse - This project is intended to identify the requirements, conduct a property search/evaluation, purchase, and outfit a warehouse facility for Metro Transit to support the needs of Transit Facilities, Vehicle Maintenance, Capital, and other divisions.</p> <p>Description of Budget Request: The budget request is based on current market rates for warehouse properties in areas similar to the envisioned location including soft cost assumptions for site selection and associated investigation, as well as regulatory processes related to the acquisition (NEPA, Title VI, etc). A hard cost assumption has also been included for furniture, fixtures, and equipment in the purchased facility. This biennial appropriation supports identification of requirements, investigation, and property purchase.</p>
1144061	West Seattle Ballard Link Extension Facility Relocation STANDALONE		\$129,517	<p>Scope: West Seattle Ballard Link Extension Facility Relocation - This project is intended support relocation impacts of the West Seattle Ballard Link Extension (WSBLE) Project to Metro's facilities and may include relocation cost, short term leases, or alternative accommodations for impacted services /groups.</p> <p>Description of Budget Request: The budget request for this project is based on a general order of magnitude of the immediate needs that would occur under the most likely alternative.</p>
1144062	Transit Control Center Communication Room Expansion STANDALONE		\$310,764	<p>Scope: Transit Control Center Communications Expansion - This project is intended to plan, design, and implement an expansion to Metro's Transit Control Center Communications Suite. This approximate 2,200 sqft expansion will add as many as 17 workstations to the facility to support system growth, advanced service management, and training needs. This project does not include the technology components (CAD Stations).</p> <p>Description of Budget Request: The budget request has been informed by a feasibility study conducted on expanding the TCC. The study provided order of magnitude level construction cost which have been paired with internal estimates for design and staff cost associated with the physical expansion. This supports the planning effort and the beginning of the pre-design phase.</p>
1144063	Hubs at 12th & Jackson STANDALONE		\$4,882,864	<p>Scope: Transit Hubs 12 & Jackson - This project will develop passenger facility improvements at 12th Avenue S. and S. Jackson Street in Downtown Seattle, a high ridership location which serves over 1,600 passengers a day (pre-COVID) at 4 stops (each corner of intersection). The surrounding neighborhoods of Little Saigon and Chinatown-International District make up an equity priority area facing growing safety, security, and economic concerns resulting from the pandemic. Developing transit hubs in high need areas follows the Metro Connects vision of providing our customers with a high-quality transit experience across an integrated network. Metro's Mobility Framework calls for increasing neighborhood transit hubs that are safe and accessible to connect to high-capacity transit, including RapidRide and LINK light rail. It will construct new transit passenger facilities at all four bus stops surrounding the intersection, including new bus shelters, traveler information and wayfinding signs, and enhanced pedestrian and electrical infrastructure.</p> <p>Description of Budget Request: The budget request is for customer safety and experience improvements that also meet Metro's ESJ goals at all 4 stop locations for the urban on-street transit hub.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144064	Greenwood Corridor Improvements STANDALONE		\$3,948,399	<p>Scope: Greenwood Corridor Improvements - The purpose of this project is to construct transit speed and reliability improvements along the existing public right-of-way on Greenwood Avenue between N 67th St and N 145th St. This includes preparing 30%, 60%, 90%, 100% conceptual designs and estimates for the improvements, completing environmental documentation necessary to meet the appropriate County, State, or Federal guidelines, and construction/implementation of improvements. Improvements may include but are not limited to transit treatments such as dedicated bus lanes, signal timing optimization, intersection modifications, roadway channelization changes, and bus zone improvements.</p> <p>Description of Budget Request: The requested appropriation will support the design, implementation, and close-out phases of this project. Projected spending includes potential consultant support, fully burdened staff time, construction materials, and project contingency.</p>
1144066	Southwest King County Next Generation Transit Signal Priority STANDALONE		\$302,415	<p>Scope: SW King County NextGen Transit Signal Priority - This project will install transit signal priority (TSP) along the Route 131, 132, and 124 corridors using next-gen centralized TSP. These corridors will involve the cities of Seattle, Tukwila, Burien, and Unincorporated King County.</p> <p>Description of Budget Request: This requested budget is to complement a grant funding request that is in progress in 2022. This project would only move forward if/when grant funds are awarded; this appropriation will ensure that the grant funds can be spent within the timeline required for grant eligibility.</p>
1144068	Sound Transit Station Integration Planning Budget PROGRAMMATIC		\$2,974,075	<p>Scope: Sound Transit Station Integration Planning - This project is King County Metro's coordinated participation in the planning, design, construction, and implementation of Sound Transit's (ST) Link, Sounder (Commuter Rail), and Stride Bus Rapid Transit (BRT) capital projects. This project seeks to meet the needs of the markets that Sound Transit and King County Metro serve through coordinated capital and service planning efforts. This includes planning of new light rail, commuter rail, and bus rapid transit stations and other passenger capital facilities in order to prioritize the customer experience, provide for seamless transit integration, and assure that our mobility services support livable communities, a thriving economy, and a sustainable environment. As Sound Transit projects complete design and move into construction, this programmatic capital planning project will develop separate project budgets to design and construct adjacent bus stop (station area) improvements as well as partnership projects for Metro facilities designed and built by ST.</p> <p>Description of Budget Request: This is a planning-level estimate for Metro staff participation in Sound Transit's capital program, based on activities and deliverables outlined in Task Order 3. Metro's capital investments (standard or capital outlay projects) will be funded via separate projects in the Transit Hubs Program.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144069	Regional Transit Integration Program Management Budget PROGRAMMATIC		\$1,322,804	<p>Scope: Regional Transit Integration Program Management - This programmatic project within the Regional Transit Integration Partnership sub portfolio includes planning, project development, design and implementation for capital programs and projects led by partners outside Metro. Program management activities will include coordination across Metro's strategic and service planning functions and with partner agencies as well as prioritization of projects within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs.</p> <p>Description of Budget Request: Budget is based on estimated staffing in the capital planning and portfolio management organization needed to perform the project planning and program management duties within the Regional Transit Integration Sub Portfolio. Includes a modest amount of professional services to augment staff expertise.</p>
1144070	Routine Facility Improvement Budget PROGRAMMATIC		\$5,085,330	<p>Scope: Routine Facility Improvement - The Facilities Improvements program supports transit operations and maintenance by adding new assets or by extending the lives of existing assets. Improvements are justified by changes in business practices, technology, and regulations. The program improves transit operating facilities (bases, maintenance and support), their work environments for employees, and passenger facilities. Where feasible, sub projects will be packaged with other projects to minimize disruption to operations.</p> <p>Description of Budget Request: The budget request for this project is based upon historical experience for a reasonable level of investment to be made on a biennial basis. This request is intended to cover the complete project Lifecycle over the biennium (planning, design, and implementation).</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144071	Bus Stop Improvements Budget PROGRAMMATIC		\$4,900,000	<p>Scope: Bus Stop Improvements - This programmatic project provides new bus stops and layover spaces and makes improvements to existing bus stops and layovers. New bus stops and layovers are provided to support changes to Metro’s service network, including major service network restructures tied to other transit improvements like Sound Transit light rail and bus rapid transit (BRT) projects as well as RapidRide projects. Improvements to existing stops and layover locations address safety, comfort, and accessibility needs by providing ADA-accessible landing pads and pathways and lighting improvements. The project enhances the customer experience at bus stops by adding amenities including bus shelters, benches, trash cans, leaning rails, and customer information. This project also leverages opportunities for partnerships with local jurisdictions and private development projects to make cost-effective improvements to bus stops, which can include improvements to transit speed and reliability such as in-lane bus stops and optimized stop spacing. The program cultivates community pride and ownership in the transit system by improving bus shelters with the installation of artwork created by commissioned artists, or murals painted by volunteers. In addition to providing valuable artwork to the community, the mural program provides savings in maintenance costs to Metro through a decrease in vandalism at shelters with murals or artwork.</p> <p>Description of Budget Request: The amount requested is based on typical project costs from prior years and the number of projects that are anticipated in the targets outlined above. Staffing costs for planning, design, and implementation are also included.</p>
1144072	Non-revenue Vehicle Expansion Budget PROGRAMMATIC		\$4,266,017	<p>Scope: Non Revenue Vehicle Expansion - This programmatic project provides for the purchase of new vehicles that are not associated with other capital projects. Only items that have been approved by the overseeing committee may be purchased. These assets then become part of the fixed asset base of the Public Transportation Fund and are replaced through the Non-Revenue Vehicles replacement project.</p> <p>Description of Budget Request: This budget request supports the procurement of non-revenue vehicles that have been approved by a Metro oversight committee. The vehicles procured through this project are necessary to support Metro's operations and are evaluated on a case-by-case basis. The 2023/24 budget request will fund an addition of 27 non-revenue vehicles.</p>
1144074	Fixed Asset Capital Outlay 2023-2024 STANDALONE		\$998,659	<p>Scope: Fixed Asset Capital Outlay Program - This programmatic project provides for the purchase of new equipment and fixed assets that are not associated with other capital projects. Only items that have been approved by the overseeing committee may be purchased. These assets then become part of the fixed asset base of the Public Transportation Fund and are replaced through one of the asset management projects.</p> <p>Description of Budget Request: The budget is requested based on the needs identified, with consideration of historical trends on predecessor project 1028857 TDC CAPITAL OUTLAY.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144076	Mobility Hubs Access Planning Budget PROGRAMMATIC		\$376,905	<p>Scope: Mobility Hubs Access Planning - This project covers initial planning and outreach for mobility hubs serving priority populations. The planning phase will analyze potential mobility hub elements to improve safety and the customer experience at existing transit hubs, leveraging fixed route services and existing facility investments. Concepts would include accommodations for first- and last-mile transportation connections, multi-modal and placemaking improvements, and innovative parking solutions. This phase will include a robust outreach to determine improvements most valued by communities. Projects in this phase involve close coordination with other capital programs, especially the Transit-Oriented Communities capital program. Concept planning of transit hubs funded by this project will prioritize safe, comfortable environments that prioritize the movement of people over vehicles. This focus on designing for the customer will lead to safer outcomes for people walking, rolling, and biking to transit.</p> <p>Description of Budget Request: The budget request applies standard estimates for planning studies and site-specific planning for 2-4 sites using a mix of in-house staff and consultants over the biennium.</p>
1144078	Spot Improvement Budget PROGRAMMATIC		\$1,368,175	<p>Scope: Spot Improvements - This project is the primary funding source for the Speed & Reliability Spot Improvement Program, covering staff time to administer the program, develop projects, coordinate with local jurisdictions, and the construction cost to implement many of the projects. Spot improvements are targeted at chokepoints where buses experience delays or operational difficulties related to roadway and traffic issues. Projects include improvements like bus-only lanes, queue jump signals, parking restrictions, and re-timing traffic signals. The program may also fund planning for larger-scale projects such as bus bulbs and roadway widening, in order to seek grant funding or partnership opportunities with local jurisdictions to construct these larger projects.</p> <p>Description of Budget Request: The budget request reflects estimated funds needed to support expected Spot Improvement workload and potentially expand the program by a modest amount in the next 5-10 years.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144079	Route 36 Corridor Improvements STANDALONE		\$2,001,875	<p>Scope: Route 36 Corridor Improvements - This project will design and construct transit speed and reliability improvements along King County Metro Route 36, a bus route operating between downtown Seattle and the Othello Link station, which travels through the North Beacon Hill, Beacon Hill, and Rainier Valley neighborhoods. The scope of these improvements will include design and construction of transit-priority treatments such as bus lanes, transit signal priority, intersection/roadway modifications like bus-only lanes, bus stop consolidation and optimization, and other treatments to improve transit speed and reliability. The project will also design and implement trolley Overhead Contact System (OCS) modifications as needed to accommodate the proposed improvements to maintain trolley bus operations for the Route 36. Metro will work in partnership with SDOT to make these improvements in coordination with other planned and ongoing capital projects. The project is expected to be substantially complete in 2026.</p> <p>Description of Budget Request: The requested appropriation will support the planning, design, implementation, and close-out phases of the project. Projected spending includes fully burdened staff time, construction materials, and project contingency. The budget requested is necessary in order to cover total project costs through the anticipated completion date in 2026.</p>
1144080	Trolley Planning Budget PROGRAMMATIC		\$713,626	<p>Scope: Trolley Planning - This project is for the ongoing planning and project development of a functioning trolley expansion and modification program. This project will conduct planning to identify trolley projects that involve permanent modifications or expansions of Metro Transit's trolley system. It will also conduct planning and feasibility studies to determine if trolleybuses are the most fitting technology for certain Metro trolley routes, and in turn plan for expansion to convert those routes to trolley. This program will also provide overall management of the Trolley program of projects, including general project oversight and guidance.</p> <p>Description of Budget Request: The budget requested for this program will support ongoing capital planning and program management activities for the Trolley Expansion Program. Projected spending includes fully burdened staff time for planning and program management work, as well as Subject Matter Expert input. Budget authority is needed in order to sign consultant contracts that will support planning efforts. The request includes additional funding compared to previous years due to planned planning and feasibility studies for trolley projects identified in the Trolley Expansion Strategic Plan. These planning and feasibility studies will conduct additional planning work for specific projects to develop more accurate cost estimates, coordinate with service planning projects, conduct public engagement, and assess the feasibility of projects.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144081	Routine Trolley Budget PROGRAMMATIC		\$1,378,844	<p>Scope: Routine Trolley Overhead Contact System - This project responds to external partner-initiated projects that may impact Metro's existing Overhead Contact System (OCS) which provides power to the trolley bus fleet. This program can grow or shrink depending on the number and timeline of projects to be initiated and led by external partners. However, Metro has very limited flexibility or ability to influence the number and pace of projects initiated by these external partners. A project with an expected cost to Metro of less than \$500k will remain within the Routine Trolley program through implementation. If the expected cost is greater than \$500k, a standalone trolley modification project will be created. OCS modifications can be required due to changes in road alignments (curb lines or re-channelization), safety concerns, and other matters such as service changes. Since these permanent changes are necessitated by projects initiated by external partners, Metro Transit's Trolley Program is working to improve the relationship/partnerships with these organizations in order to identify potential impacts early, minimize modifications where feasible and seek reimbursement when possible.</p> <p>Description of Budget Request: The budget requested will support ongoing capital project planning, design, and implementation activities, which includes time spent coordinating these trolley aspects into the external stakeholder's project process. Projected spending includes fully burdened staff time, construction materials, and project contingency for trolley modification projects. Budget authority is needed in order to sign consultant contracts (or work orders) that will support design and implementation efforts. Planned budget requests for 2025 - 2028 includes an increase for higher spending for work that is anticipated in relation to Sound Transit's West Seattle Ballard Link Extension project and impacts that it will have on Metro's trolley OCS.</p>
1144082	North Base Yard Underground Storage Tank STANDALONE		\$308,707	<p>Scope: North Base Yard Underground Storage Tanks - Assess underground storage tanks at North Base that are anticipated to reach warranty expiration in 2023. Clean, inspect, make recommendations for repair, lining or replacement, including cathodic protection, and implement the selected solution. Scope assumes the following tanks: (1) 550 gallon, (1) 2,500 gallon, (1) 3,000 gallon, (4) 6,000 gallon, (1) 8,000 gallon and (3) 12,000 gallon steel double wall UST.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by third party Engineering estimates, and incorporating metrics for soft cost factors.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144088	Countywide Layover Facilities Planning Budget PROGRAMMATIC		\$308,689	<p>Scope: Countywide Layover Facility Planning - This programmatic capital planning project will study, assess, and recommend projects to meet mid- and long-range service planning needs, for new off-street layover projects. The geographic scope of this project is countywide. This scope will be performed in coordination with Metro’s Battery Electric Bus program, which is also assessing layover charging needs at identified locations. The project’s scope includes site feasibility analysis, concept site evaluation, site schematics/conceptual costing, traffic/transit analysis, planning level financial analysis, site acquisition strategy, partner negotiation, stakeholder and steering committee coordination, land use and regulatory analysis, initial environmental review, and public engagement. For the 23/24 biennium, the System Expansion and Integration work group is anticipating performing a countywide layover study effort looking at existing layover including loss risk as well as opportunities, 5/10/15 year layover demand forecasts, as well as new on- and off-street layover locations to support these forecasts.</p> <p>Description of Budget Request: Budget requested for 2023-2024 is for staff time and consulting to support a countywide layover study looking at existing layover space, risks and opportunities and demand forecasts.</p>
1144089	Bike Pedestrian Site Improvement Budget PROGRAMMATIC		\$485,575	<p>Scope: Bike Pedestrian Site Improvements - The project will design and construct new bike parking (lockers and racks), and make site improvements for safe and convenient pedestrian and bicycle circulation and access at transit hubs across the County, prioritizing where needs are greatest. Funds will be used for site planning, permitting, environmental review, equipment purchase and installation.</p> <p>Description of Budget Request: Costs for this work are based on recent experience with similar projects. This budget will enable Metro to continue to add locations to do priority Connecting to Transit work. The project will use local funds combined with outside revenue from grants and other sources as applicable. For 2023-24 Metro will use funds prioritized in the Where Needs are Greatest process as well as \$160,000 from a state grant and \$400,000 awarded from Sound Transit’s System Access fund (ST Board Action M2019-97).</p>
1144090	Hubs Planning Budget PROGRAMMATIC		\$372,134	<p>Scope: Hubs Planning - This project is developing the passenger facility capital improvement program that meets the intent of the Metro Connects vision to provide our customers with a high-quality transit experience at major hubs throughout the Metro network (transit hubs developed/constructed as part of ST2/ST3 fixed guideway projects are planned for through a separate capital planning effort, 1129636 TDC ST STATION INTGR PLN BUD). For the 23/24 biennium, this project will identify and develop conceptually capital improvements at Metro’s high-ridership and equity priority transit hubs, focusing on investments where needs are greatest.</p> <p>Description of Budget Request: Budget requested for 2023-2024 is for staff time and potential consulting to support development and design of up to three hub projects to be considered for future implementation.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144091	Ryerson Base Underground Storage Tank STANDALONE		\$690,265	<p>Scope: Ryerson Base Underground Storage Tank - Assess underground storage tanks at Ryerson Base that are anticipated to reach their warranty expiration by 2027. Clean, inspect, make recommendations for repair, lining or replacement, and implement the selected solution.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by third party engineering estimates, and incorporating metrics for soft cost factors.</p>
1144092	Overall Industrial Waste System Replacement STANDALONE		\$740,781	<p>Scope: Overall Industrial Waste System Replacement - This project includes replacement of the oil/water separator control panel at up to two bases, and the industrial waste system at North Base. Assets associated with these systems are beyond their useful life, increasing maintenance costs and risk of failure. North Base scope includes: replace controls and local tank valves and piping, industrial waste structures and piping systems, including dual vault pretreatment system, sump pumps, interior system of oil/water separator, allowance for replacement of associated concrete paving, and waste oil tank. Scope for up to two additional bases includes: oil water separator controls system, and placeholder funding for replacement of local tank valves and piping as needed; pre-design activities will result in scope refinement.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by third party engineering estimates, and incorporating metrics for soft cost factors.</p>
1144093	State Route 520 Portage Bay Bridge Roanoke Trolley STANDALONE		\$5,978,260	<p>Scope: State Route 520 Portage Bay Bridge Roanoke Trolley - Project scope includes coordination with the Washington State Department of Transportation (WSDOT) Portage Bay Bridge and Roanoke Lid project, removal of existing trolley infrastructure on the 10th Ave E bridge over SR-520, and installation of new trolley infrastructure on the new Roanoke Lid over SR-520.</p> <p>Description of Budget Request: The requested appropriation will support the planning, design, implementation, and close-out phases of the project. Projected spending includes fully burdened staff time, construction materials, and project contingency. The budget requested is necessary in order to cover total project costs.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144094	Ryerson Base Operations Sewer Piping Replacement STANDALONE		\$172,957	<p>Scope: Ryerson Base Operations and Vehicle Maintenance Facility Sewer Piping Replacement - This project is to replace and mitigate premature aging of the Ryerson Base Operations and Maintenance Facility sewer piping. Site and foundation level replacement of sanitary sewer piping is not included. Scope includes analysis during design for alternative solutions such as pipe lining methods, resulting in a recommendation for refurbishment or replacement. Funding includes considerations for full replacement of up to all above-grade sewer piping within the facility, demolition and restoration of disturbed areas as required to achieve the piping. May include walls, floors, ceilings, washroom equipment, plumbing fixtures and equipment, and overhead obstacles. Anticipated areas affected include approximately 4,275 sq ft of restrooms (qty 7), plus support spaces.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by engineering estimates, and incorporating metrics for soft cost factors.</p>
1144095	Central Base Parking Garage Gate and Arm Replacement STANDALONE		\$603,433	<p>Scope: Central Base Parking Garage Gate Replacement - The entrance and exit wooden arm gates and access control system are to be replaced. These gates are located off of the Sixth Avenue South in Seattle. Scope excludes grill rollup doors.</p> <p>Description of Budget Request: Budget request is a rough order of magnitude based on high level vendor estimate.</p>
1144096	Pier 48 Gangway Replacement STANDALONE		\$4,825,940	<p>Scope: Pier 48 Gangway Replacement - This project is to replace the gangway and related facility utility connections that provides access to Metro's floating water taxi maintenance facility. Placeholder funding is included for pier abutment repairs, per Metro's current lease agreement with WSDOT. The pier consists of a cast-in-place concrete cap supported by steel piles and may require repair or refurbishment. Pre-design activities will result in a preferred recommendation and implementation of the solution.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by engineering and third party estimates, and incorporating metrics for soft cost factors.</p>
1144109	Park and Ride Leases STANDALONE		\$1,814,559	<p>Scope: Park and Ride Leases - This project pays for the cost to lease parking at four park-and-ride facilities: Metropolitan Place P&R in Renton, Kenmore P&R, and two facilities at Northgate Link Station - Thornton Place P&R and Northgate Mall P&R. These leases are tied to legal contracts with set lease terms approved by the King County Council.</p> <p>Description of Budget Request: Lease costs are tied to legal contracts with set lease terms approved by the King County Council.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144113	Atlantic Base Traction Power Substation Replacement STANDALONE		\$310,847	<p>Scope: Atlantic Base Traction Power Substations Replacement - This project will include the replacement of two Atlantic Base Traction Power Substations. Scope includes an engineering study during project pre-design for siting and specification requirements of both substations to meet Metro's trolley fleet needs. The project is to implement recommendations from the study including civil site preparation to include foundation, duct banks, and grounding; assumes pre-manufactured complete substations with two (2) AC Breakers, two (2) 1.5MW Transformers and rectifier equipment, eight (8) DC Breakers and Bus-tie; Relays and Controls; SAS Cabinet with HMI and demolition of existing substations #14 & #15.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by third party engineering estimates, and incorporating metrics for soft cost factors.</p>
1144114	Real Time Information System Replacement STANDALONE		\$6,600,000	<p>Scope: Real Time Information Sign Replacement - This project would replace the current Real Time Information Sign (RTIS) system, which is no longer supported by INIT, with modern ePaper technology. INIT doesn't support nor supply our current RTIS hardware.</p> <p>Description of Budget Request: The RTIS Replacement Project is requesting a new appropriation in the amount of \$6.6M for planning, equipment, implementation, and closeout. These costs are estimated based on the basic requirements from stakeholders, vendor research results, input from technical staff, and prior project experience. Metro has already designed and implemented 45 new displays at the Northgate Transit Station and has a contract with two different vendors for the displays, mounting, and installation. A contract amendment would be required with both vendors.</p>
1144115	Access Customer Eligibility STANDALONE		\$1,200,000	<p>Scope: Access Customer Eligibility - This project would conduct requirements and feasibility analyses for a new online eligibility processing system that would complement and align with MTD's existing Reduced Fare Portal. It would then develop a Statement of Work (SOW) for execution by KCIT, who would ultimately implement this new online eligibility processing system.</p> <p>Description of Budget Request: The requested appropriation of \$1.2M supports planning, design, implementation, and close-out phases of the project. Projected spending includes agency and King County IT staff time, vendor implementation costs, consulting costs, and project contingency.</p>
1144116	500kW Transit Power Substation State of Good Repair STANDALONE		\$1,485,464	<p>Scope: Traction Power Substations State of Good Repair - This project will include the replacement of the Alternating Current (AC) Medium Voltage (MV) Switches, Traction Power Transformer, and Metering Cabinets at up to 26 - 500kW Traction Power Substation(s). Additional scope may include soundproofing fencing replacements, demolition of the existing systems, and critical equipment or infrastructure. Project scope will be refined during planning and pre-design activities, and informed by a targeted condition assessment of all substation locations to occur by 2023 via Metro's Condition Assessment Program.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by third party engineering estimates, and incorporating metrics for soft cost factors.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144117	ORCA Enhancements STANDALONE		\$5,400,000	<p>Scope: ORCA Enhancements - The ORCA Enhancement Project will implement system enhancements that improve equity, mobility, customer experience, and efficiency of business operations. A planning project to support this project is currently underway.</p> <p>Description of Budget Request: The requested appropriation supports design, implementation, and close-out phases of the project. The project will implement improvements in an agile environment with enhancements delivered as they become available. Projected spending includes agency and King County IT staff time, vendor implementation costs, consulting costs, and project contingency.</p>
1144118	Energy Monitoring STANDALONE		\$2,400,000	<p>Scope: Energy Monitoring - The project will deliver a system to monitor and gather data on Metro zero emissions revenue fleet. Monitoring activities aids Metro in determining how to improve operations while being cost conscious. This project will be informed by the requirements set in the service management and green power planning projects. This project will be a key enabler for Metro’s transition to zero emissions fleet operations.</p> <p>Description of Budget Request: The requested budget will support the full end-to-end IT project process. This project will manage all functions of the software development lifecycle including: requirements gathering, RFI, RFP, configuration, and implementation. Additionally, procurement and installation of hardware on coaches may be necessary.</p>
1144119	Montlake Trolley Overhead Replacement STANDALONE		\$9,976,304	<p>Scope: Montlake Trolley Overhead Replacement - This project is to replace approximately 27 trolley poles and associated overhead catenary system (OCS) at the Montlake Blvd E North Approach, between the bascule bridge and SR520 interchange, and the South Approach between 24th Ave E and Montlake Ave NE. These assets provide power distribution to serve Metro's route 48, and will allow for simplified future route electrification. This project is a cooperative opportunity aligning OCS replacement with WSDOT SR520 lid work, so both projects may merge construction efforts to install trolley wire on a new system.</p> <p>Description of Budget Request: Project funding is expected to support the complete project lifecycle. The rough order of magnitude replacement cost is generated by engineering and third party estimates, and incorporating metrics for soft cost factors.</p>
1144120	Equal Employment Opportunity Case Management STANDALONE		\$1,200,000	<p>Scope: Equal Employment Opportunity Case Management - This project will provide the Metro Equal Employment Opportunity (EEO) Office with an electronic case management system to monitor investigative cases and monitor trends in workplace discrimination complaints in accordance with Federal Transit Administration guidance on EEO programming.</p> <p>Description of Budget Request: This project requests funds in the amount of \$1.2M for planning through implementation. This is envisioned to be a software solution that King County currently employs for other business needs. The project will fund system configuration and licenses needed to expand the use of this software to Metro’s EEO users.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144121	Pre-trip Inspection STANDALONE		\$6,000,000	<p>Scope: Pre-Trip Inspections - This project will implement a technology solution within Metro’s Safety and Security office. The solution will standardize, streamline, facilitate and log pre-trip inspection data in the field, ensuring regulatory compliance, safety, and operator accountability. The solution will integrate with Vehicle Maintenance to automatically generate maintenance work orders as appropriate.</p> <p>Description of Budget Request: The requested \$6M appropriation will support the planning, design, procurement, implementation and training activities for this project.</p>
1144122	Security Improvements STANDALONE		\$2,400,000	<p>Scope: Security Improvements - This project addresses technical needs to upgrade existing Metro facility security infrastructure. It will evaluate current systems and solutions, research commercially available solutions, and then design and deploy a new integrated environment. This will be a Proof-of-Concept at the Transit Control Center facility with the intent to expand implementation across Metro.</p> <p>Description of Budget Request: The requested \$2.4M appropriation will support the design and implementation of a proof-of-concept at the Transit Control Center. Future fixed asset capital projects will expand the security systems in remaining Metro facilities.</p>
1144123	Advanced Service Management STANDALONE		\$4,800,000	<p>Scope: Advanced Service Management - ASM is expected to improve delivery of frequent bus service using active headway management (management of buses based on headway rather than a schedule) and fallback operations (practice that keeps buses continually in service while operators take breaks). This scope is specifically for the technology needed for the pilot of active headway management. Based on the outcomes of proof-of-concept requirements testing, this project will deploy new technology at the Transit Control Center (TCC), on board buses, and in the field. The pilot is anticipated to start in fall 2023 on the RapidRide A and F Lines with the option to add two additional routes in 2024. An additional appropriation will be requested for future scaling, which will include a yet-to-be determined expansion of active headway management on more routes based on learning from the one-year pilot. Ultimately, ASM will support the goal of delivering frequent, reliable, and fast all-day service as outlined in Metro Connects.</p> <p>Description of Budget Request: This budget request supports a one-year headway management Pilot using technology on up to four routes during the 2023-2024 biennium. This scope will include assessment, design, implementation and close out of the one year pilot. It includes technology, service contracts, KCM technology staff time, and KCIT costs.</p>
1144124	HASTUS Tuning STANDALONE		\$1,200,000	<p>Scope: HASTUS Tuning - Engage with HASTUS vendor to scope and address prioritized backlog of technical debt and change requests, with particular emphasis on configuring to meet Link Light Rail expansion needs and differing business rules between Bus and Rail Operations.</p> <p>Description of Budget Request: This project requests funds in the amount of \$1.2M for planning through implementation of the solution. The appropriation will deliver a complete solution and will be used to pay vendor fees, project management costs, and KCIT data integration & business analysis costs.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144125	Sign Manager Upgrade STANDALONE		\$1,200,000	<p>Scope: Sign Manager Upgrade - The project will deliver modernization and upgrades to the Sign Manager module of Web-Tools. Upgrades will support Transit Route Facilities (TRF) planners' ability to deliver service and information to the public by keeping stop sign maintenance in pace with Metro's changing service landscape. Architecture Review Team (ART) approval will be conducted.</p> <p>Description of Budget Request: The project is requesting appropriation for planning, design, testing, implementation, and closeout. About half of the budget is for KCIT resources to update the web-tool with the remainder for agency labor, hardware/software, and contingency. KCIT is the owner and main supporter of the RSS tool in which the Sign Manager web-tool resides. Most of these upgrades will improve the overall process and speed up the outcomes.</p>
1144126	Overall Park and Ride State of Good Repair 2023-2024 STANDALONE		\$438,748	<p>Scope: Overall Park & Ride State of Good Repair - This project is for multiple park & ride locations with scope including stormwater management system evaluation, power distribution panel replacement, lighting fixtures and control panel, and electrical service cabinet replacement. Locations for 2023-2024 include the following Park & Rides: Federal Way, Issaquah Highlands, Aurora Village Transit Center, Kenmore Park & Ride, and Ober.</p> <p>Description of Budget Request: This budget request is based on recent inspections of the facilities and scheduled repairs and maintenance in accordance with programmatic life cycle schedules. The amount is derived from comparison with previous years repairs, and current on-call contract unit.</p>
1144127	Yard Management STANDALONE		\$4,800,000	<p>Scope: Yard Management Replacement - Replace Metro's yard management application (Equipment Dispatch Software Suite) to meet the changing needs of MTD coaches and service prioritization. Informed by the requirements set in the service management and green power planning projects.</p> <p>Description of Budget Request: This project request of \$4.8M will support the full end-to-end IT project process. This project will manage all functions of the software development lifecycle including requirements gathering, RFI, RFP, configuration, and implementation. Additionally, procurement and installation of hardware on coaches may be necessary for fully realizing the efficiencies of the application.</p>
1144128	East Base Electrify STANDALONE		\$4,071,080	<p>Scope: East Base Electrification - This project is intended to support the planning, design, and implementation of battery electric bus charging infrastructure at Metro's East base as well as supporting the ancillary capital cost related to relocation of service from the base during the construction shutdown and incurred cost from utility providers to support additional utility provided infrastructure.</p> <p>Description of Budget Request: The budget request for this project supports planning and preliminary design, utilizing a metrics based estimate developed by Metro's subject matter expert for battery electric buses as well as historical cost from our limited past projects. A detailed planning study is underway which should provide detailed estimates for each project in the program.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144129	Parking Program STANDALONE		\$0	<p>Scope: Parking Program - Metro to develop technology solutions to manage parking and provide dynamic trip planning for customers who use park & ride facilities. Pre-pandemic, numerous Metro park & rides experienced overcrowding and initial trends show that some of the busiest lots are starting to fill up despite the shift in commute patterns. Technology solutions would allow Metro to provide real-time availability, facilitate virtual permitting and transit ridership verification, automate parking enforcement, and allow for payment integration.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144130	Open Trip Planner STANDALONE		\$0	<p>Scope: Open Trip Planner - This project has three components to improve customers' experience with service information: 1) improve GTFS feeds, 2) develop new functionality of the Open Trip Planner hosted by Community Transit, which would be adopted as the region's trip planner, and 3) explore partnership with Google.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144131	Reroute Database STANDALONE		\$0	<p>Scope: Reroute Database - Develop a Re-route Database that serves as a one stop shop for all information related to reroutes and Operator Alerts. The data will be easily shared, accessible and maintain all relevant information related to reroutes and Operator Alerts.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144132	Transit Analysis Tool STANDALONE		\$0	<p>Scope: Transit Analysis Tool - This project supports an existing speed and reliability web-based tool that performs delay and data calculations and analysis that is currently used by the Capital and Mobility Divisions. This includes the knowledge transfer from the consultant and continued maintenance and updates to the tool.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144133	Transit Cellular System Refresh 2027 STANDALONE		\$0	<p>Scope: Cellular Systems Replacement - This project funds the replacement of the wireless equipment being implemented through the Next Generation Wireless project. The equipment delivered through this project will transmit data and real time information from on-board systems, including ORCA, to King County servers.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144134	Transit Control Center Expansion STANDALONE		\$0	<p>Scope: Transit Control Center Expansion - This project addresses both a critical system and an essential service. The TCC is an emergency response center for Metro delivering essential services to operators and the public. Service Quality is Metro's first responders handling situations that range from coach trouble calls, customer service needs and Haz Mat. Future technology solutions at the TCC will provide essential tools to gather and share information between the TCC and Service Quality and the broader organization.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144137	Vanpool Improvements STANDALONE		\$0	<p>Scope: Vanpool Improvements - Project modernizes Vanpool by replacing deprecated systems (Accounting/Driver Training), adding cost-saving tools (Telematics/Online Sign-up), leveraging current resources (empty seat scheduler) and updating Vanpool's core applications (VISM/JEM).</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144138	Destination Sign Programming STANDALONE		\$0	<p>Scope: Destination Sign Programming - Establish the functionality to be able to remotely push sign programming information to coaches. This could either be achieved with add-on hardware solutions, or by further interfacing the INIT system with the current vendors (Luminator and twin vision).</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144139	Service Management Modernization Future STANDALONE		\$0	<p>Scope: Service Management Modernization - This is an analysis and planning project that will holistically scope a phased approach to updating Metro's service management systems (hardware, software, infrastructure, facilities, business, and services) and propose ways to improve service quality, safety, scalability, flexibility, and overall efficiency. Aspects include active service management, Transit Control Center and field operations, field communications, service planning, scheduling, dispatching, battery bus operations, real-time data, transportation demand management, data analytics and visualization, equity planning, workforce management, and training. The project emphasizes the adoption of technology-based solutions needed for growth, efficiency, quality control, data analysis, and staff empowerment. This project will strive to identify best-in-class service management by peer agencies, and industry best practices for future adoption by Metro.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144140	Demand Response Operations Management STANDALONE		\$0	<p>Scope: Demand Response Operations Management - This project would conduct a requirements and feasibility analysis for a new, coordinated demand-response operations management system.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144141	South Base Electrify STANDALONE		\$0	<p>Scope: South Base Electrification - This project is intended support the planning, design, and implementation of battery electric bus charging infrastructure at Metro's South base as well as supporting the ancillary capital cost related to relocation of service from the base during the construction shutdown and incurred cost from utility providers to support additional utility provided infrastructure.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144142	Ryerson Base Electrify STANDALONE		\$0	<p>Scope: Ryerson Base Electrification - This project is intended support the planning, design, and implementation of battery electric bus charging infrastructure at Metro's Ryerson base as well as supporting the ancillary capital cost related to relocation of service from the base during the construction shutdown and incurred cost from utility providers to support additional utility provided infrastructure.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144143	Burien Layover Expansion and Charging STANDALONE		\$0	<p>Scope: Burien Layover Expansion and Charging - This project is intended to expand the Burien Transit Center's off street layover to support increased service demands and provide additional space for layover charging. Project will also support the design and deployment of layover charging equipment on the new layover site.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144144	Atlantic Base Electrify STANDALONE		\$0	<p>Scope: Atlantic Base Electrification - This project is intended to support the implementation of battery electric bus charging infrastructure at Metro's Atlantic base as well as supporting the ancillary capital cost related to relocation of service from the base during the construction shutdown and incurred cost from utility providers to support additional utility provided infrastructure. Planning and design for Atlantic Base Electrification are supported by project 1142163.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144160	Trolley Utilization Planning STANDALONE		\$400,000	<p>Scope: Trolley Utilization Plan - The project will explore efficiencies, enhancements, and modifications for Metro's electric trolley bus system to increase trolley utilization. It will include analysis of our current trolley system operations, including opportunities and barriers for leveraging greater use of the system and reducing dieselization of routes on the weekends to accommodate construction along trolley routes. It would include review of industry practice regarding trolley uses.</p> <p>Description of Budget Request: The budget requested for this study was based on review of cost and timing for past consultant studies.</p>
1144177	Trolley Utilization Improvements STANDALONE		\$108,098	<p>Scope: Trolley Utilization Improvements - This project will implement initial investments to promote weekend trolley utilization.</p> <p>Description of Budget Request: The budget request was based on estimates for past projects to add pole catchers.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144178	Facility Condition Assessment 2027-2028 STANDALONE		\$0	<p>Scope: Facility Condition Assessment - This program funds inspections of all of Metro's facilities and generates a report of necessary repair and replacement needs critical to the long term state of good repair for Metro's assets.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144179	State of Good Repair Program Management 2027-2028 STANDALONE		\$0	<p>Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects within the SGR Sub Portfolio and includes prioritization of projects within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects. Program management activities will also be responsible for ensuring adequate coordination with Vehicle Maintenance and Operations Divisions internal to Metro to meet their needs and mitigate impacts to operations during design and construction.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144180	Shelter Refurbishment 2027-2028 STANDALONE		\$0	<p>Scope: 2027-2028 Shelter Refurbishment - This is a placeholder project for investments in 2027-2028 associated with the ongoing State of Good Repair maintenance program to refurbish 180-200 shelters annually. Bus shelters have a lifecycle of 10 years, depending on the use in the area where shelters are located. Refurbishment work can involve component repairs and replacements, repainting, new roof standards, built-in lighting upgrades, panel upgrades, and specialized installments such as public art and RapidRide components that have more electrical and electronic systems. Specific locations are confirmed each biennium.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144181	Major Equipment Replacement 2027-2028 STANDALONE		\$0	<p>Scope: Major Equipment Replacement 2027-2028 - There are approximately five (5) major equipment asset replacements anticipated in 2027-28. This biennium's funding request will support planning through implementation.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144183	Minor Equipment Replacement 2027-2028 STANDALONE		\$0	<p>Scope: Minor Equipment Replacement - This program for 2027-28 supports the replacement of minor equipment at Metro Transit Facilities. The 2027-28 minor equipment replacements includes a number of fixed assets typically under \$100,000 that are critical to operations and at the end of their respective life cycles. The program includes approximately ten (10) minor equipment replacements across the system.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144185	Trolley Poles 2027-2028 STANDALONE		\$0	<p>Scope: Trolley Poles Infrastructure - This program supports the maintenance and repair of the trolley bus system by replacing trolley poles, as needed. Previous efforts have resulted in 80 - 100 poles being replaced annually.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144186	Trolley Overhead Switches 2027-2028 STANDALONE		\$0	<p>Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in 5 to 15 overhead switches and ancillary hardware being replaced annually.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144187	State of Good Repair Unforeseen 2027-2028 STANDALONE		\$0	<p>Scope: Unforeseen State of Good Repair - This project provides for design work to repair or replace unforeseen damage or failures of Transit's assets such as facilities and infrastructure. This project is for staff and consultant resources as needed to determine the criticality of taking action to fix an issue with an asset within the current biennium. Further, the project funding is available to explore alternative solutions to address the repair or replacement of the facility or infrastructure component and begin implementing the fix until budget action can be taken to obtain appropriation to finish the work.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144188	Fixed Assets Capital Outlay 2025-2026 STANDALONE		\$0	<p>Scope: Fixed Asset Capital Outlay Program - This routine project provides for the purchase of new equipment and fixed assets that are not associated with other capital projects. Only items that have been approved by the overseeing committee may be purchased. These assets then become part of the fixed asset base of the Public Transportation Fund and are replaced through one of the asset management projects.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144189	Fixed Assets Capital Outlay 2027-2028 STANDALONE		\$0	<p>Scope: Fixed Asset Capital Outlay Program - This routine project provides for the purchase of new equipment and fixed assets that are not associated with other capital projects. Only items that have been approved by the overseeing committee may be purchased. These assets then become part of the fixed asset base of the Public Transportation Fund and are replaced through one of the asset management projects.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144190	Routine Pavement Repair 2027-2028 STANDALONE		\$0	<p>Scope: Routine Pavement Repair - This is a placeholder project for routine paving replacements at multiple Metro facilities including bases and park & rides which will be identified in future budget cycles using condition assessment reports. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144193	Central Atlantic Power State of Good Repair STANDALONE		\$0	<p>Scope: Overall Power State of Good Repair – This project includes the replacement of site and facility electrical infrastructure and power distribution components at Atlantic Base and Central Base. These systems are at the end of anticipated service lives with several obsolete components that are unable to procure replacement parts. Scope varies per location and includes the replacement of main switchgear/distribution panel, including those that serve the DC power system, DC power distribution wiring, electrical switchboards and distribution panels, step-down transformers, and electrical branch wiring.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144194	Collins Traction Power Substation Switchgear STANDALONE		\$0	<p>Scope: Collins Traction Power Substation - The project will include the replacement of the DC switchgear section of Collins Traction Power Substation, including (5) DC Breakers, DC Relay and Controls, SAS Cabinet with HMI, demolition of existing systems. Scope refinement may occur upon completion of a Targeted Condition Assessment anticipated to complete by 2023 under Metro's Condition Assessment Program.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144195	Central Traction Power Substation Switchgear STANDALONE		\$0	<p>Scope: Central Traction Power Substation - The project will include the replacement of the DC switchgear section of Central Traction Power Substation, including (15) DC Breakers and Tie, DC Relay and Controls, SAS Cabinet with HMI, Demolition of existing systems. Scope refinement may occur upon completion of a Targeted Condition Assessment anticipated to complete by 2023 under Metro's Condition Assessment Program.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144196	Broad Street Traction Power Substation Switchgear STANDALONE		\$0	<p>Scope: Broad Street Traction Power Substation - The project will include the replacement of the DC switchgear section of Broad St Traction Power Substation, including (13) DC Breakers and Tie, DC Relay and Controls, SAS Cabinet with HMI, Demolition of existing systems. Scope refinement may occur upon completion of a Targeted Condition Assessment anticipated to complete by 2023 under Metro's Condition Assessment Program.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144197	East Base Phase 1 Bus Lift STANDALONE		\$0	<p>Scope: East Base Phase 1 Bus Lift Replacement - Replacement of one (1) existing post platform lift in the East Base Vehicle Maintenance steam bay. This project and its properly determined design standard will need to go through all standard and appropriate design phases including utilizing an alternatives analysis with examination of Facilities and Vehicle Maintenance needs, in addition to engineering prior to recommending replacement lift type. This project may recommend up to one (1) additional critical lift replacement at the East Base facility.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144198	RapidRide L Line STANDALONE		\$0	<p>Scope: RapidRide L Line - This project is a planned RapidRide line which will be determined via the RapidRide Prioritization effort in 2023. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include passenger facilities, roadway, signal and ITS improvements which result in better transit speed and reliability, access to transit projects which reduce barriers for people to reach transit and necessary communication and technology efforts to support the service.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144199	South Facilities Underground Storage Tank STANDALONE		\$0	<p>Scope: South Facilities Underground Storage Tank - Assess underground storage tank at South Facilities Maintenance that is anticipated to reach end of warranty by 2027. Clean, inspect, make recommendations for repair, lining or replacement, and implement the selected solution. One (1) STI-P3 6,000 gallon tank for unleaded gasoline (suction system) and assume one (1) piping set. To be determined during predesign activities but assumed additional modifications may be necessary to meet current regulatory compliance.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144200	Bellevue Base Underground Storage Tank STANDALONE		\$0	<p>Scope: Bellevue Base Underground Storage Tank - Assess underground storage tanks at Bellevue Base that are anticipated to reach their warranty by 2027. Clean, inspect, make recommendations for replacement, and implement the selected solution. One (1) fiberglass 6,000 gallon tank for unleaded gasoline (pressurized system) and Three (3) fiberglass 12,000 gallon tanks for diesel (pressurized system) and up to four (4) Piping sets.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144201	South Base Component Supply Center Underground Storage Tank STANDALONE		\$0	<p>Scope: South Base CSC Underground Storage Tank - Assess underground storage tanks at South Base CSC that are anticipated to reach the end of their warranty by 2024. Clean, inspect, make recommendations for repair, lining or replacement, including cathodic protection, and implement the selected solution. Two (2) STI-P3 used oil tanks (2000 and 6000 gallon), One (1) STI-P3 diesel tank (6000 gallon), One (1) STI-P3 engine oil (3000 gallon), and One (1) ATF dual STI-P3 tank (3000 gallon) and up to five (5) Piping sets.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144279	Collins Traction Power Substation AC Medium Voltage Switchgear STANDALONE		\$0	<p>Scope: Collins Traction Power Substation AC Breaker - The project will include the replacement of the AC breaker sections of Central and Collins Traction Power Substation. Includes the following: (3) AC Medium Voltage Breaker with remote racking device, (2) Grounding Test Buggy, (1) Spare AC Medium Voltage Breaker. The project will include the demolition of the existing systems. Scope refinement may occur upon completion of a Targeted Condition Assessment anticipated to complete by 2023 under Metro's Condition Assessment Program.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1144300	TDC ITS KIOSK REPLACEMENT STANDALONE		\$2,716,315	<p>Scope: ITS Kiosk Replacement - This project will replace up to 16 SDOT-Owned ITS Kiosks on 3rd Avenue and on the Westlake Ave N corridor with King County Metro owned technology pylons to provide functioning electronic displays showing next bus arrival and other customer information. Current ITS kiosk displays have for the most part not functioned since their initial installation in 2014. The project will be done in partnership with the City of Seattle (SDOT), whereby SDOT will implement capital work to remove the existing ITS kiosks and foundations and construct new foundations compatible with Metro Legacy Tech Pylons. Metro will purchase and install the equipment and assume future ownership and maintenance responsibilities.</p> <p>Description of Budget Request: The planning-level cost estimate prepared for this project is consistent with assumptions for project delivery of projects of similar scope and complexity implemented in recent years by Metro and in partnership with the City of Seattle. Costs for labor, equipment procurement and construction are based on historical Metro and City of Seattle costs for projects with similar infrastructure and technology elements. Equipment costs derived from 2021 North Link Implementation costs provided by Metro IT Capital Projects.</p>
3641 - PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL		Total	\$369,069,555	
Grand Total			\$369,069,555	

2023-2024 Executive Proposed Financial Plan
Transit Infrastructure Capital / 00003641

Capital Improvement Program (CIP) Budget						
	2021-2022 Estimated Ending Balance (Biennium ITD Balance)	2023-2024 Proposed	2023-2024 Total (Balance + Budget)	2025-2026 Projected	2027-2028 Projected	
Capital Budget Revenue Sources						
Revenue Backing from Fund Balance	579,653,255		579,653,255	467,909,973	494,889,099	
Revenue Carryforward - Future Debt Proceeds & Other	35,436,667		35,436,667			
Sales Tax		144,700,066	144,700,066	40,832,520	201,296,093	
Marine Property Tax		244,618	244,618			
Grants		189,088,144	189,088,144			
Interest Income		26,419,694	26,419,694			
Miscellaneous		8,617,032	8,617,032			
Debt Proceeds		-	-			
Total Capital Revenue	\$ 615,089,923	\$ 369,069,555	\$ 984,159,478	\$ 508,742,494	\$ 696,185,193	
Capital Appropriation						
Facility Improvements	116,243,499	20,324,762	136,568,261	103,240,395	301,475,909	
Passenger Infrastructure	38,749,804	28,369,689	67,119,493	25,050,864	7,844,402	
Regional Transit Integration	36,706,463	3,976,725	40,683,188	3,607,077	3,192,376	
Speed and Reliability Improvements	145,711,680	77,502,306	223,213,986	118,880,681	7,950,435	
State of Good Repair	155,744,548	92,606,692	248,351,240	68,983,624	83,166,452	
Zero Emissions Infrastructure	77,018,722	69,153,157	146,171,879	126,608,772	218,503,703	
Technology	33,268,630	48,687,544	81,956,174	52,477,677	63,801,546	
Fixed Route Vehicles		29,860	29,860			
Non Fixed Route Vehicles	6,733,064	12,882,441	19,615,505	9,893,403	10,250,370	
Emergent Needs Contingency/Capital Project Oversight	4,883,652	15,566,240	20,449,892			
Total Capital Appropriation	\$ 615,089,923	\$ 369,069,555	\$ 984,159,478	\$ 508,742,494	\$ 696,185,193	

CIP Fund Financial Position						
	2021-2022 Biennial-to-Date Actuals	2021-2022 Estimated	2023-2024 Biennial to Date Actuals	2023-2024 Estimated	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	332,124,453	332,124,453		579,653,255	467,909,973	494,889,099
Capital Funding Sources						
Sales Tax	1,376,931	1,376,931		314,646,563	203,233,862	424,517,885
Marine Property Tax	35,158	84,380		244,618	110,284	-
Grants	34,455,929	64,067,311		189,088,144	209,526,455	90,740,801
Interest Income	2,046,638	2,278,041		26,419,694	26,819,688	24,242,410
Miscellaneous	5,617,435	6,789,108		8,617,032	15,096,003	15,311,190
Total Capital Revenue	\$ 43,532,092	\$ 74,595,771	\$ -	\$ 539,016,052	\$ 454,786,293	\$ 554,812,287
Capital Expenditures						
Facility Improvements	36,825,951	58,133,284		76,366,315	130,978,378	311,648,282
Passenger Infrastructure	15,939,154	31,732,093		54,094,439	27,713,943	7,844,402
Regional Transit Integration	2,440,827	3,778,062		5,492,928	3,607,077	3,192,376
Speed and Reliability Improvements	37,799,354	74,734,142		143,136,402	81,937,946	107,426,406
State of Good Repair	28,794,392	58,487,715		142,105,719	134,697,396	84,543,936
Zero Emissions Infrastructure	18,145,132	39,031,323		138,807,200	140,173,315	218,503,703
Technology	24,089,251	68,567,873		77,163,050	66,604,671	65,341,140
Fixed Route Vehicles	942,471	856,676		-	-	-
Non Fixed Route Vehicles	2,149,313	5,434,551		12,970,663	9,893,403	10,250,370
Marine Facilities (2021+)		184,380		2,434,618	3,825,284	-
Miscellaneous	141,632	-		-	-	-
Total Capital Expenditures	\$ 167,267,477	\$ 340,940,099	\$ -	\$ 652,571,334	\$ 599,431,414	\$ 808,750,615
Estimated Underexpenditure	-	-	\$ -	\$ -	\$ -	\$ -
Other Fund Transactions						
Debt Proceeds	-	-		-	169,812,247	135,449,880
Misc Balance Adjustment	2,242,030	2,242,030		-	-	-
Lease and Prepaid Lease Offset	906,000	1,812,000		1,812,000	1,812,000	1,812,000
Transfer (to) from Operating	-	509,819,101		-	-	-
Ending Fund Balance	\$ 211,537,098	\$ 579,653,255	\$ -	\$ 467,909,973	\$ 494,889,099	\$ 378,212,651
Fund Balance Designated to Current Projects *	\$ -	\$ 63,702,067	\$ -	\$ 1,008,125	\$ 78,884,773	\$ 63,353,549
Reserves						
Capital Designated Reserve		6,132,087		6,132,087	6,132,087	6,132,087
Electrification Infrastructure Reserve		509,819,101		460,769,761	409,872,239	308,727,015
Total Reserves	\$ -	\$ 515,951,188	\$ -	\$ 466,901,848	\$ 416,004,327	\$ 314,859,102
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ 0	\$ 0	\$ 0

CIP Budget:

2021-2022 Estimated Ending Balance column reflects the actual balances after 2021 closed and best estimate of the inception to date budget balances.

2023-2024 Proposed Budget is consistent with PIC for 2023-2024 Executive Proposed Budget.

2023-2024 Total Budget sums the Estimated Ending Balance Budget and the 2023-2024 Budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes: Outyear revenue budgets reflect available fund balance and available sales tax distributions to support appropriation levels.

Appropriation Notes: Outyear appropriations represent planned requests to support projected spending.

CIP Fund Financial Position:

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2021-2022 Actuals reflect 2021-2022 amounts in EBS through May 2022.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and is informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenue Notes: Sales and Property tax distributions represent planned allocations of enterprise revenue to support infrastructure spending.

Expenditure Notes: Outyear expenditures are informed by infrastructure spending plan.

Reserve Notes: Electrification reserve represents fund balance designated for electrification projects. Portions of reserved balance may be designated for current projects.

*Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3642 TRANSIT REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

3642 TRANSIT REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY23-24	Narratives
1126349	Alternative Services PROGRAMMATIC		\$0	<p>Scope: Alternative Services - This project funds the purchase of vehicles for the Community Connections program which develops, tests, and evaluates new transportation services in areas of King County that don't have the infrastructure, density, or land use to support fixed-route bus service. These new transportation services often take advantage of innovative ideas, unique partnerships, or emerging technology. The solution set for each community pilot area varies depending on need, but often includes products and services that require the purchase of new vehicles.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1130169	Vanpool Vehicle Purchase PROGRAMMATIC		\$0	<p>Scope: Vanpool Vehicle Purchase - This project funds the purchase of new vans needed to support Metro Transit's Vanpool Program. New vans are purchased to replace vans at the end of their useful vanpool life and to expand service.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1130170	Americans With Disabilities (ADA) Vans Procurement PROGRAMMATIC		\$6,261,916	<p>Scope: American with Disabilities Act (ADA) Van Procurement - This project funds the purchase of new vehicles needed to support Metro Transit's Access Paratransit service. New vehicles are purchased to replace vehicles at the end of their useful life and to expand or enhance the service.</p> <p>Description of Budget Request: The \$6.3 Million requested for 2023-2024 supports the purchase of 19 Battery Electric Minibuses to replace vehicles at the end of their useful life. The request includes licensing, logos, accessories, inspection, prep for service, and updating of systems. Total project cost (Estimate at Completion 2023 - 2032) has increased due to the necessity to meet the SCAP goals of 67% electrification of the Access fleet by 2030.</p>
1130171	Community Access Transportation Vehicle Procurement PROGRAMMATIC		\$2,982,288	<p>Scope: Community Access Transportation Vehicle Procurement - The Community Access Transportation (CAT) program diverts rides of the more expensive Americans with Disabilities Act (ADA) paratransit service and also fills gaps in service for seniors, people with disabilities and low-income populations who cannot ride the bus due to income or mobility issues.</p> <p>Description of Budget Request: \$3.0 Million is requested for 2023-2024 for the purchase of 19 vehicles. Two of the planned 17 replacements are small low floor electric vehicles.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3642 TRANSIT REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1134163	Fixed Route Program Management PROGRAMMATIC		\$518,998	<p>Scope: Fixed Route Program Management - This project is a programmatic effort to support the Revenue Fleet Sub Portfolio capital planning efforts. This work will be performed by the Planning and Portfolio Coordination group and will support all planning and program management activities. Program management activities will be responsible for ensuring adequate coordination with Vehicle Maintenance and Facility Maintenance Divisions and Fleet Purchasing and Fixed Asset program groups and mitigate impacts to operations during design and construction. The Fixed Route Vehicle Sub Portfolio contains the following programs: Purchasing of Hybrid, Diesel, Battery Electric and Trolley buses and Onboard Systems. Staff will conduct program management activities including: prioritization of purchases within programs, feasibility studies, exploration of funding and partnership opportunities, and consideration of benefits of the various projects within the programs.</p> <p>Description of Budget Request: This budget request supports staffing in the capital planning and program management section responsible for the Fixed Route Vehicle Sub Portfolio. Modest amount of professional services are estimated to augment staff expertise.</p>
1139238	Marine Vessel Engine Overhaul STANDALONE		\$0	<p>Scope: Marine Vessel Engine Overhaul - The project maintains County assets in a state of good repair. The two Sally Fox class vessels delivered to the County in 2015 and 2016 are powered by tier 3 marine diesel engines. These engines will reach their useful service half-life and will need major maintenance in order to extend the service life expectancy.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>
1139507	Battery Electric Bus Budget PROGRAMMATIC		\$180,540,954	<p>Scope: Battery Electric Bus Budget - This project funds the replacement of King County Metro’s existing fleet of 40, 60-ft hybrid coaches with electric buses.</p> <p>Description of Budget Request: The budget request covers the procurement of 120 vehicles expected to be received in the 2025/2026 biennium. The amount of the request is based upon pricing derived from recent requests and planning assumptions. The amount of the request also includes funding for the requisite capital acquisition costs associated with the purchase and placement into service of rolling stock assets. These capital acquisition costs include transit fleet procurement team costs, in-plant and post-delivery inspection of buses, after-market equipment acquisition and installation, service preparation and commissioning, training, technical publications and manuals, diagnostic equipment, special tools and project contingency.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3642 TRANSIT REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1141993	Access Transportation Electric Vehicle Pilot STANDALONE		\$2,000,000	<p>Scope: Access Transportation EV Pilot - This project will support the first battery electric vehicles (BEVs) for use in ADA paratransit revenue operations. The project will plan and purchase the necessary equipment for the operation of BEVs on Vashon Island and support EV maintenance activities at the Access operations base in south Seattle.</p> <p>Description of Budget Request: The requested appropriation will support the planning, design and installation of necessary vehicle charging infrastructure. Projected spending includes fully burdened staff time, consultant/vendor support for the planning, design, acquisition, and installation of infrastructure to support EV pilot operations, as well as project contingency. The budget requested is necessary to cover total project expenses; budget authority is needed to sign vendor contracts and move forward with implementation.</p>
1141998	Accessibility Equipment Improvements STANDALONE		\$817,333	<p>Scope: Accessibility Equipment Improvements - This project includes work to outfit each Operator Base and Training Center with (3) three different types of electric mobility wheelchairs traditionally used on Metro. This project also is requesting funds to procure an additional securement devices to be installed in the bus simulator at the Harborview Medical Center. Finally, funding is needed to support the documentation of an ADA transition plan and initial training on this new equipment.</p> <p>Description of Budget Request: The budget is based on cost estimates that include the procurement of additional mobility aids, cost to install an additional securement system, documenting the ADA transition plan, project staff and training time.</p>
1142317	Marine Zero Emission Vessel STANDALONE		\$2,000,000	<p>Scope: Marine Zero Emission Vessel - This project will replace the existing diesel powered 278 passenger ferry on the West Seattle route with two 150 passenger battery electric vessels. New innovations in battery technology enable battery electric powered vessels to have sufficient range and speed to maintain commuter schedules, while producing zero greenhouse gas emissions.</p> <p>Description of Budget Request: Funding requested for 2023-2024 will cover planning and design expenditures for this project.</p>
1144043	Trolley Bus Backup Battery Replacement STANDALONE		\$26,350,152	<p>Scope: Trolley Energy Storage System Replacement - Metro's bus fleet includes 174 electric trolley buses with a 26.1kWh LFP energy storage system (ESS) that allows the bus to be operated off-wire on battery power for short distances. The ESS batteries are recharged through connecting on-wire to the trolley overhead system and by regenerative braking. This project will purchase replacement energy storage system (ESS) units for 170 of Metro's trolleys. The replacement ESS will provide improved performance and off-wire capabilities. The remaining 4 vehicles will be upgraded through a separate pilot project.</p> <p>Description of Budget Request: The budget request was developed by estimating the cost of new ESS parts along with the labor to remove the existing ESS from the trolley fleet and installing the new ESS.</p>
1144087	Trolley Bus Budget PROGRAMMATIC		\$0	<p>Scope: Trolley Bus Replacement - This project funds the replacement of King County Metro's existing fleet of trolley buses.</p> <p>Description of Budget Request: No appropriation is requested for the 2023 -2024 biennium. Budget requests are planned for outyears, pending future CIP prioritization and funding levels.</p>

CAP Summary by Fund

Budget: 2023-2024 Biennial, Scenario: Executive Proposed, Agency: All, Fund: 3642 TRANSIT REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2023-2024 Biennial - Executive Proposed

1144097	DART Vehicles STANDALONE		\$12,333,921	<p>Scope: Dial a Ride Transit (DART) Vehicles - This project funds the purchase of vehicles for the Community Connections program which develops, tests, and evaluates new transportation services. These new transportation services often take advantage of innovative ideas, unique partnerships, or emerging technology. The solution set for each community pilot area varies depending on need, but often includes products and services that require the purchase of new vehicles. The Community Connections program is a program in which Metro Transit works with local governments and community partners to develop innovative and cost-efficient transportation solutions in areas of King County that don't have the infrastructure, density, or land use to support regular, fixed-route bus service.</p> <p>Description of Budget Request: Budget request supports approximately 50 vehicles needed from 2022 through 2024.</p>
3642 - TRANSIT REVENUE FLEET CAPITAL		Total	\$233,805,562	
Grand Total			\$233,805,562	

**2023-2024 Executive Proposed Financial Plan
Transit Fleet Capital / 00003642**

Capital Improvement Program (CIP) Budget						
		2021-2022 Estimated Ending Balance (Biennium ITD Balance)	2023-2024 Proposed	2023-2024 Total (Balance + Budget)	2025-2026 Projected	2027-2028 Projected
Capital Budget Revenue Sources						
Revenue Backing from Fund Balance		32,897,916	233,805,562	266,703,478	67,960,346	260,221,262
Sales Tax				-		40,965,883
Marine Property Tax						1,705,445
Grants						248,276,589
Interest Income						12,723,390
Miscellaneous						12,405,018
Total Capital Revenue		\$ 32,897,916	\$ 233,805,562	\$ 266,703,478	\$ 67,960,346	\$ 576,297,587
Capital Appropriation						
Hybrid Buses		17,038,798		17,038,798		
Trolley Buses			26,350,152	26,350,152		70,230,038
Battery Electric Buses		1,254,916	181,877,285	183,132,201	837,938	440,599,511
Vanpool, ADA, CAT, Alternative Services Vehicles		4,604,202	23,578,125	28,182,327	54,694,822	61,895,624
Marine Vehicles			2,000,000	2,000,000	12,427,586	
Emergent Needs Contingency		10,000,000		10,000,000		
Total Capital Appropriation		\$ 32,897,916	\$ 233,805,562	\$ 266,703,478	\$ 67,960,346	\$ 576,297,587

CIP Fund Financial Position						
	2021-2022 Biennial-to-Date Actuals	2021-2022 Estimated	2023-2024 Biennial to Date Actuals	2023-2024 Estimated	2025-2026 Projected	2027-2028 Projected
Beginning Fund Balance	259,892,953	259,892,953		306,903,329	346,054,966	264,002,699
Capital Funding Sources						
Sales Tax	34,370,530	80,905,897		41,724,236	18,515,528	40,965,883
Marine Property Tax	-	-		2,000,000	2,000,000	1,705,445
Grants	22,463,695	43,668,768		38,832,350	135,704,849	248,276,589
Interest Income	1,795,752	1,943,691		17,045,077	15,112,024	12,723,390
Miscellaneous	6,546,707	9,202,647		8,296,937	8,977,144	12,405,018
Total Capital Revenue	\$ 65,176,684	\$ 135,721,003	\$ -	\$ 107,898,600	\$ 180,309,544	\$ 316,076,325
Capital Expenditures						
Hybrid Buses	17,500	17,500		24,848,252	-	-
Trolley Buses	-	-		-	-	70,230,038
Battery Electric Buses	28,249,423	60,274,146		258,793	180,540,954	439,763,242
Vanpool, ADA, CAT, Alternative Services Vehicles	280,609	28,362,438		20,210,242	62,527,595	61,895,624
Marine Vehicles	-	-		2,000,000	12,000,000	4,000,000
FUND CONTINGENCY/Other	-	1,130,963		21,429,676	7,293,264	836,269
Total Capital Expenditures	\$ 28,547,532	\$ 89,785,047	\$ -	\$ 68,746,963	\$ 262,361,812	\$ 576,725,173
Estimated Underexpenditure		-		\$ -	\$ -	\$ -
Other Fund Transactions						
Debt Proceeds	-	-		-	-	150,000,000
Misc Balance Adjustment	1,074,420	1,074,420		-	-	-
Transfer to/from Operating	-	-		-	-	-
Ending Fund Balance	\$ 297,596,525	\$ 306,903,329	\$ -	\$ 346,054,966	\$ 264,002,699	\$ 153,353,850
Fund Balance Designated to Current Projects *		\$ 180,257,973	\$ -	\$ 163,960,069	\$ 107,931,386	\$ 59,486,515
Reserves						
Revenue Fleet Replacement Reserve		126,645,356		182,094,897	156,071,313	93,867,335
Total Reserves		\$ 126,645,356	\$ -	\$ 182,094,897	\$ 156,071,313	\$ 93,867,335
Projected Shortfall			-	-	-	-
Ending Undesignated Fund Balance		\$ -	\$ -	\$ -	\$ -	\$ -

CIP Budget:

2021-2022 Estimated Ending Balance column reflects the actual balances after 2021 closed and best estimate of the inception to date budget balances.

2023-2024 Proposed Budget is consistent with PIC for 2023-2024 Executive Proposed Budget.

2023-2024 Total Budget sums the Estimated Ending Balance Budget and the 2023-2024 Budget.

Outyear revenue and expenditure budget assumptions tie to the outyears of the Ordinance Attachment by Fund report in PIC, with exceptions explicitly noted.

Revenue Notes: Outyear revenue budgets reflect available fund balance and available sales tax distributions to support appropriation levels.

Appropriation Notes: Outyear appropriations represent planned requests to support projected spending.

CIP Fund Financial Position:

Biennial to Date (BTD) expenditures and revenue reflect EBS totals for budgetary accounts as of the most recent closed month.

2021-2022 Actuals reflect 2021-2022 amounts in EBS through May 2022.

2021-2022 Estimated column reflects the best estimate for the biennium based on actuals and is informed by the fund's spending plan.

Outyear revenue projections and expenditure estimates are based on the most recent projections and reflect current project plans.

Revenue Notes: Sales and Property tax distributions represent planned allocations of enterprise revenue to support fleet spending.

Expenditure Notes: Outyear expenditures are informed by fleet plan.

Reserve Notes: Replacement reserve represents fund balance designated to support future purchases. Portions of balance may be designated for current projects.

*Fund balance designated to current projects is for projects that are already appropriated. This fund balance cannot be used for other projects without disappropriating projects or creating a shortfall in the fund.

