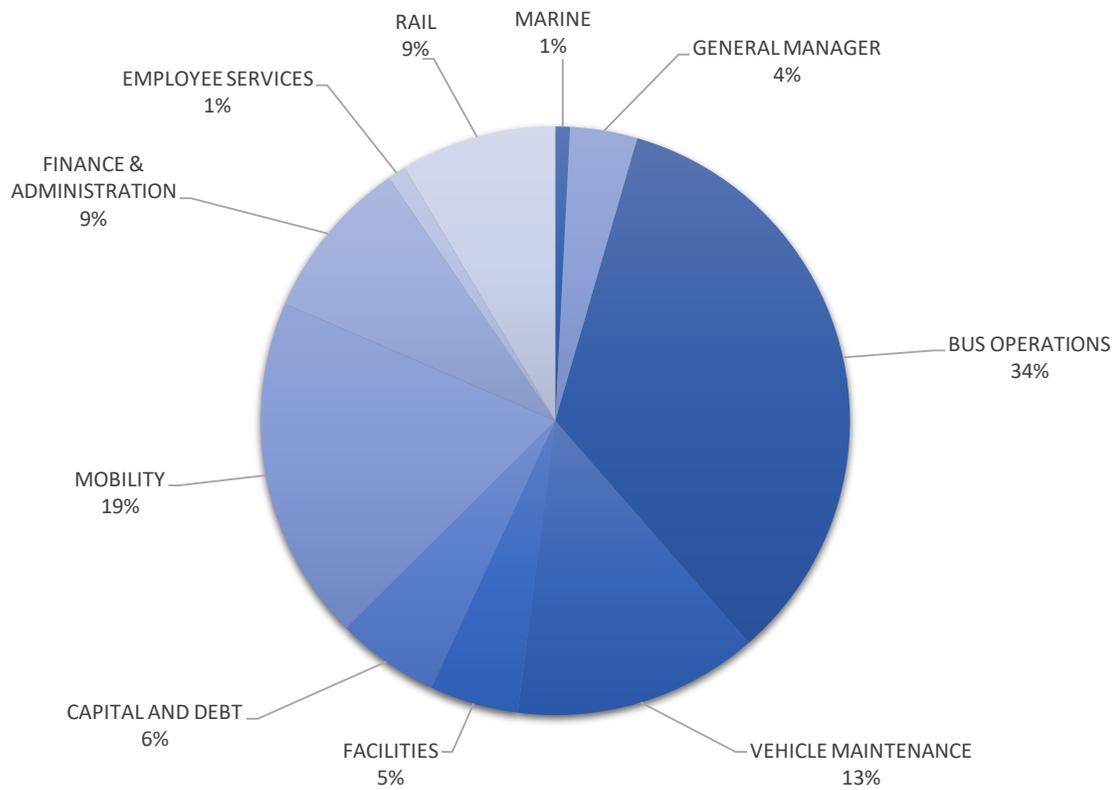
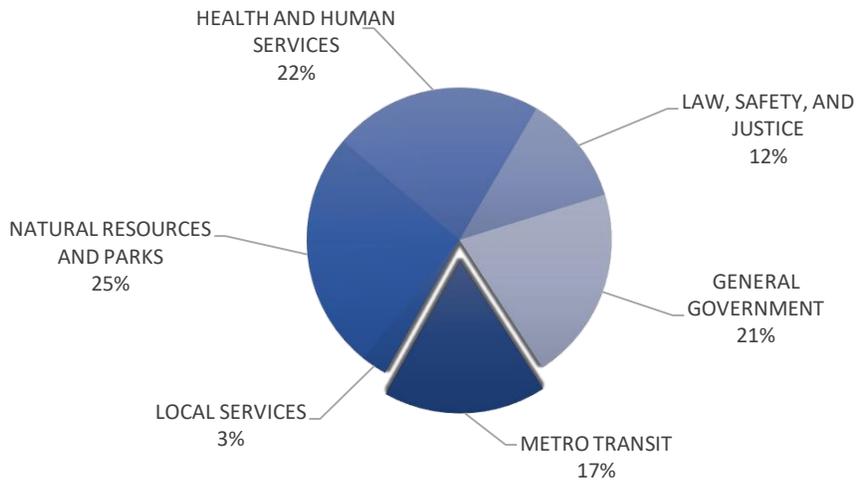


METRO TRANSIT

Metro Transit \$2.1 Billion



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

INTRODUCTION

Metro Transit is the region's largest public transportation agency, delivering fixed-route bus service and more than 130 million rides each year across all products and services, including:

- **Fixed-route Services:** Services that operate on predictable paths on pre-planned schedules operated by Metro Transit, including bus, rail, streetcar, and water taxi.
- **Contracted Services:** Services delivered under contract with Metro Transit that provide customized options to communities or populations, including DART and Access.
- **Shared and Connected Services:** Services where Metro Transit acts as a mobility broker and may provide a vehicle, technology or support, including Vanpool, Vanshare, Rideshare, Community Access Transportation (CAT), Community Connections, and Alternative Services.

All of the services in the Department of Metro Transit are supported by dedicated funding sources. These services aim to work together to provide the best possible public transportation services and improve regional mobility and quality of life in King County.

METRO TRANSIT DEPARTMENT

MISSION

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

OVERVIEW

King County Metro Transit is the largest public transportation agency in the Puget Sound region, serving 2.3 million people living in diverse and growing communities throughout King County's 39 cities, along with millions of people who visit or work in King County. Until the recent COVID-19 crisis, demand for transit continued to grow, while the transportation landscape continued to change. Metro aims to serve 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.

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, equitable, and sustainable.

Even in the challenging funding environment and amidst the ambiguity of what the post-COVID-19 future looks like, Metro will make investments that support an adaptive, responsive, and changing service network in the future. 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 all this work while putting the safety of customers and employees first.

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	1,938,473,681	1,814,671,549	5,347.3	51.0
Base Budget Adjustments	45,584,929	(5,609,853)	1.2	0.0
Decision Package Adjustments	37,349,026	58,299,595	(226.2)	(12.5)
2021-2022 Final Adopted Budget	2,021,407,636	1,867,361,291	5,122.3	38.5
2021-2022 Final Adopted Ordinance	2,021,408,000	1,867,362,000	5,125.8	42.2

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.
2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 salary and benefit rates, current position classifications, and step/merit increases.
3. The Final Adopted 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 Final Adopted. In the Final Adopted 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.

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
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Direct Service Changes

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
<p>(DS_001) Direct Bus Service Reduction Reduce service hours due to a significantly lower revenue forecast resulting from COVID-19 pandemic and the loss of partner funding. Due to a reduction in the revenue, Metro is proposing to decrease fixed route bus service levels during the biennium while planning for longer term reductions. This includes reductions in the service hours funded by the City of Seattle and Sound Transit, in addition to some reductions in King County funded service with the Northgate Link opening. In the biennium, the assumed loss of funding from Seattle's Transportation Benefit District has the largest impact, reducing 350K annual hours of service from the level of service operated in 2019. Some of this service was reduced in 2020 in response to COVID-19, and the remaining hours will be reduced in 2021. For the King County funded services, Metro anticipates beginning to restore some of the service suspended during the pandemic. This restoration combined with other changes, such as those associated with the opening of Northgate Link, result in an anticipated net reduction of 30,000 hours in Metro funded service in the biennium. In addition, during 2021 a meaningful number of service hours will be identified to be reinvested into historically underserved communities to begin to advance the Mobility Framework. The costs associated with these reductions include direct costs like labor, parts, insurance and fuel.</p>	(101,425,163)	0	(394.0)	0.0
<p>(DS_002) Contracted and Mobility Service Changes Adjust contracted and flexible service levels in response to ongoing revenue shortfalls and to provide better mobility options for customers. This package includes: (1) Reductions to Access as a result of lower ridership, efficiencies, and lower fuel costs; (2) Increased funding for Community Access Transportation as existing programs in the Snoqualmie Valley and Judkins Park and the Trailhead Direct program are shifted from the Alternative Services program; (3) New pilot programs in the Alternative Services program, such as community shuttles and an extended pilot in partnership with Via Transportation in South Seattle; and (4) Reductions in funding for Vanpool to reflect fuel and administrative adjustments.</p>	(12,563,241)	900,000	0.0	0.0
<p>(DS_004) Indirect Impacts of Reduced Service - Administrative Support and Training Reduce business operations and vehicle maintenance support workforce in relation to the proposed reduction of bus service hours. This includes reductions in chiefs and base personnel, as well as staff at the Revenue Processing Center.</p>	(6,328,689)	0	(27.5)	(1.0)

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_005) Maintenance Supplies and Labor Reduction Reduce funding for coach prep services, supplies, and consumables in the Vehicle Maintenance Division as a result of reduced bus service hours and fewer deliveries of new coaches. Position reductions are assumed to come from attrition.	(1,229,577)	0	(2.0)	(1.0)
(DS_006) Next Generation ORCA System Increase costs for the next generation ORCA system (ngORCA) that will go live in 2022 with a different service model that will impact Metro's costs. In addition, this proposal provides support for both individual and employer customers through the transition period with additional marketing and communications efforts aimed at priority populations to improve access to transit for communities in need.	6,244,770	2,329,698	(4.0)	5.0
(DS_007) Service Delivery Optimization Reduce Mobility Division costs including reducing travel, training, supplies, and contracted services that do not directly impact services. This proposal also eliminates several positions associated with strategic planning, vanpool/vanshare, and the implementation of the new Access contract.	(3,518,584)	0	(3.0)	(1.0)
(DS_008) Technology Investments Add resources for technology investments, including the County enterprise Grievance Tracking and Learning Management systems, which are planned for implementation in the biennium. This proposal also includes costs to continue use of a transit planning software and Google Maps API, which will allow for deeper review of service decisions and better customer information.	1,130,800	0	0.0	0.0
(DS_009) Telecommuting and Continuous Improvement Fund space planning and technology investments to support a telecommuting workforce, setting the stage for reductions in central rates for leases. This request also funds continuous improvement efforts throughout the department.	530,000	0	0.0	0.0
(DS_010) Employee Training and Support Implement a program to train existing staff for careers in safety and security, and add dedicated staffing to coordinate health and well being services.	615,522	0	2.0	0.0
(DS_011) Drug and Alcohol In-House Testing Pilot Program Pilot a new model for providing required drug and alcohol testing. The pilot will test the efficiency of in-house testing versus contracted testing, while testing the hypothesis that time loss can be reduced if employees are not required to go to vendor locations for testing.	556,595	0	0.0	4.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_012) Mobility Division Support Provide resources for the Mobility Division to look at centralizing and improving activities for the division as a whole, including equity analysis, compliance, and accountability in all contracts and subcontracts. This proposal is an investment in innovation, continuous improvement, and a cross-divisional approach to using existing resources and talent to meet current and future division business needs.	92,000	0	0.0	0.0
(DS_013) Policing and Security Reductions Reduce security and policing programs to coincide with reductions in service. These reductions will start in 2021 and be fully implemented by 2023.	(2,158,000)	0	0.0	0.0
(DS_014) Quality Assurance Audit Compliance Re-prioritize work within the Safety and Security Section to reduce redundancies, account for changing project needs, and focus on legally required Quality Assurance Auditing for Safety and Security. Positions will be repurposed to quality assurance positions, with minor ongoing savings due to differences in classifications. If these changes are not made, Metro could be found in noncompliance with new regulations, putting their standing as an FTA grantee in jeopardy.	(68,473)	0	0.0	0.0
(DS_015) TLT Conversions Convert positions from TLTs to FTEs to provide support for ongoing organizational needs, including records management, executive support and special projects.	0	0	3.0	(3.0)
(DS_016) Centralized Processes and Team Structures Enhance Metro's capacity to deliver effective and efficient services to the department and employees by providing for more centralized teams in HRIM, leaves administration, disability services, labor relations, technology, and analytics. This request includes the transfer and removal of positions within the organization to create efficiencies, as well as additional staff. Investments will create capacity in the organization to track and record information, identify and analyze trends and needs, assess equity impacts through empirical data, and make data-driven decisions. Centralization will also allow for standardized processes, ensuring all employees receive consistent levels of service and reduce errors that have in the past disproportionately affected the most diverse, lower income employees in the organization and are frequently cause for grievances and disenfranchised employees.	1,797,710	0	8.5	(2.0)

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_017) Communications and Engagement Invest in communications and engagement to enhance services to the community and employees, consistent with recommendations in the Mobility Framework. These investments include both increases in positions to support this work, as well as nonpersonnel investment that emphasizes language access, community engagement, and collaboration with community resources.	6,005,373	0	11.0	0.5
(DS_018) Downtown Seattle Transit Tunnel Transfer Transfer the operations and maintenance aspects for the Downtown Seattle Transit Tunnel from the Transit Facilities Division to the Rail Division.	(6,260,215)	0	(28.0)	0.0
(DS_019) Utilities and Taxes Adjustment Provide the appropriate funding level for utilities and taxes.	(2,130,000)	0	0.0	0.0
(DS_020) LED Lighting Conversion Provide funding to complete the transition to more energy efficient LED lighting at Metro Bus bases in 2021. In 2022 after the work is complete, this proposal also reduces three TLTs supporting the conversion.	(441,479)	0	0.0	(3.0)
(DS_021) Mobility Capital Division Reductions Reduce the capital improvement program, resulting in staff reductions in Mobility associated with the RapidRide Program, the Passenger Facilities Program, and the Access to Transit Program.	(1,428,661)	0	(5.0)	0.0
(DS_022) Facilities Organization Redesign Right-size the Facilities organization through attrition and investment in technology and process improvement. This package represents a target reduction of positions that would be reduced as this work is completed over the biennium. Full annualized savings will not be realized until 2023 when all the changes have been made.	(2,691,077)	0	(14.0)	0.0
(DS_023) Supplies Increase funding for supplies as a result of new facilities, inflationary increases for existing items, and new sanitization expectations.	280,000	0	0.0	0.0
(DS_024) Travel and Vendor Expenses Reduction Reduce the consulting, travel, and training budgets in the operating side of the Capital Division as part of organization-wide reductions in response to lower revenue.	(2,200,000)	0	0.0	0.0
(DS_026) Marine Indirect Reductions Reduce funding for: (1) consulting; (2) judgment and claims expenses, consistent with historical data; (3) the summer intern program, which will be eliminated; and (4) repair maintenance since significant maintenance repairs were completed in 2020. These changes are not anticipated to impact water taxi service levels.	(325,638)	0	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_027) Streetcar Service Support Adjust labor and non-labor costs to support 2021-2022 Streetcar operations. All of these items are 100 percent revenue backed, and the change in expense will be offset by changes in revenue.	(363,658)	(368,082)	(2.0)	0.0
(DS_028) Link Expansion Business Administration Support Add staffing and funding to the Business Administration and Support groups in Rail with the opening of a new Operations and Maintenance Facility in Bellevue and expansion of the Link Light Rail system with Northgate Link in 2021 and East Link expansion in 2023. The additional resources in this proposal are needed to maintain service commitments to Sound Transit (per the Intergovernmental Agreement) and grow Metro's operation to keep pace with the expansion of the Link rail system. Costs are 100 percent revenue backed by Sound Transit.	1,776,095	1,785,613	7.0	0.0
(DS_029) Link Expansion Maintenance Increase Rail Maintenance staffing and provide training to support the new Northgate and East Link expansions. The added staff will provide support to maintain the Downtown Seattle Transit Tunnel (DSTT) and the new Operations and Maintenance Facility (OMF) in Bellevue; test, commission, and maintain 152 new light rail vehicles (LRV); and provide power and track maintenance for the new extensions.	14,633,466	14,764,162	121.0	0.0
(DS_030) Link Expansion Operations Add operating staffing to support the expansion of the Link Light Rail system with the opening of Northgate and East Link extensions. The added staff includes rail chiefs, rail supervisors, rail operators, supervisory control and data acquisition (SCADA) technicians, and administrative support staff.	10,410,443	10,471,050	81.0	0.0
(DS_031) Capital Position Reductions Remove vacant positions from the Capital Division to reflect reduced work associated with the reductions made to the CIP for 2019-2028 compared to assumptions during the last budget cycle.	(257,600)	0	(16.0)	(4.0)
(DS_032) Subsidized Annual Pass Program Fund the roll-out of the subsidized annual pass program, designed to increase access to services by removing cost as a barrier for people in extreme poverty. Metro will leverage the existing reduced fare program infrastructure and work with community partners to provide transit access to thousands of residents who cannot currently afford transit services.	77,928,596	51,590,200	5.0	3.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(DS_033) Interim Base Repurpose the interim base in light of service reductions and financial challenges. Metro is no longer planning to use the Interim Base as a standalone operating base when construction is completed at the beginning of 2021, resulting in a reduction of vacant positions. The facility will be used to meet needs that would have otherwise required property acquisition and improvements such as warehousing and construction management.	(5,529,447)	0	(20.0)	0.0
(DS_034) Wellness Center Reduction Reduce Wellness Center staffing and non-labor resources in light of reduced organizational capacity and reprioritization of operating resources.	(5,659,194)	0	(1.0)	0.0
(DS_035) Paid Parking Program Reduction Reduce budget for paid parking program in light of changed market conditions resulting from COVID-19. Demand for park-and-ride space is currently very low, and there is no projected impact on transit riders desiring to access a bus from a park-and-ride.	(1,479,000)	0	0.0	0.0
(DS_036) Skyway Service Investments Implement flexible service to provide mobility in Skyway, a high-need community with limited access to fixed-route service. New flexible service will enable thousands of Skyway residents and employees to access opportunity. Metro will work with the community to identify and develop flexible service solutions that will meet their needs, and build on Metro's experience with successful feeder to fixed service models.	6,000,000	0	0.0	0.0
(DS_120) Central Climate Change Cost Update Adjust the share of central climate-related costs including investments to advance the Strategic Climate Action Plan, membership fees in climate related organizations, consulting fees, and central climate staff. The allocation methodology is based on greenhouse gas emissions.	(51,036)	0	0.0	0.0
Technical Adjustments				
(TA_001) Agency Net-Zero Adjustments Align net-zero adjustments to positions and non-personnel appropriations.	0	0	0.0	0.0
(TA_002) Vacancy Rate Contra Distribution Distribute vacancy rate from centrally budgeted cost center/account to individual cost centers throughout Transit.	0	0	0.0	0.0
(TA_003) Industrial Insurance Distribution Distribute industrial insurance to individual costs centers based on 2019 actual expenditures.	(3,045,000)	4,256,436	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_004) Marine Division Integration Adjust budget to reflect the fact that the Marine Division is being incorporated into the Public Transportation Fund. The overhead appropriations placed in Marine's budget in 2019-2020 biennium are no longer needed and has been replaced with department-wide allocation to Metro.	(684,847)	0	0.0	0.0
(TA_010) Metro Transit Police Baseline Adjust appropriation for Metro Transit Police to reflect 2021-2022 contract costs. These changes correct the proforma stage of the 2021-22 Biennial Budget development.	2,830,604	0	0.0	0.0
(TA_011) Central Services Adjustment Remove assumptions now incorporated into central rates from Metro's central service cost center. The assumptions are associated with centrally managed initiatives that are complete, including Seattle 2030, Ombudsman, and IT programs.	993,444	0	0.0	0.0
(TA_012) Position Reclassifications Adjust labor accounts incrementally to reflect changes that were made between the HCM reconciliation process and the publishing of proforma budget for 2021-2022. Changes result from existing positions being reclassified and are marked as one-time in the system	203,748	0	0.3	0.0
(TA_013) Loan Out Labor Adjustment Adjust loan out labor account, 51111 - LOAN OUT LABOR CLASS LEVEL and 51398 - LOAN IN OUT BNFTS MANUAL, to reflect 2021-22 compensation rates.	1,808,401	0	0.0	0.0
(TA_014) Loan Out Position Allocation Adjustment Update the loan out allocation percentage of budgeted positions that were incorrectly allocated loan out and/or repurposed from capital FTEs to operating FTEs in the 2019-2020 Budget. These updates correct the Proforma stage of the budget.	2,437,646	0	0.0	0.0
(TA_015) Capital Loan Out and Indirect Cost Adjustments Update the loan out assumptions, both labor and benefits, for individual position numbers in the Capital Division and the contra expenditure associated with indirect costs allocated to the capital improvement program.	(4,620,358)	0	0.0	0.0
(TA_016) Marine Proforma Adjustments Increase the Marine Division budget to reflect estimated cost increases for renewed lease, utilities, and security costs.	166,740	0	0.0	0.0
(TA_017) Loan Out Coach Prep Adjustment Adjust loan out labor related to coach prep work in the Vehicle Maintenance Division in 2021-2022.	(525,300)	0	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_018) Bond Fund and Revenue Stabilization Reserve Updates Update expense and revenue assumptions for Transit's Bond Fund (8430) and Revenue Stabilization Fund (7571). This includes adjustments for interest revenue, tax allocations and debt service payments.	0	0	0.0	0.0
(TA_019) Next Generation Wireless Completion Reduce positions and associated loan out reductions related to the Next Generation Wireless Capital Project to be completed in 2021. This is a net zero adjustment to the operating program.	24,041	0	0.0	(10.0)
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast.	0	(27,429,482)	0.0	0.0
(TA_100) Inflation and Carryforward Service Adjustments - Vehicle Maintenance Adjust costs to address inflation and carryforward service adjustments in the Vehicle Maintenance Division.	(2)	0	0.0	0.0
(TA_101) Inflation and Carryforward Service Adjustments - Operators Adjust costs to address inflation and carryforward service related to bus operators.	34,637,218	0	27.0	0.0
(TA_102) Inflation and Service Adjustments - Fuel and Electricity Adjust costs related to fuel and electricity prices and carryforward service levels.	(5,254,367)	0	0.0	0.0
(TA_103) Non-labor Budget Transfer Transfer remaining non-labor budget from the legacy Marine Division appropriation. This folds the Marine Division into the Transit enterprise fund beginning in 2021.	9,898,480	0	0.0	0.0
(TA_105) Inflation and Carryforward Service Adjustments - Access Adjust costs to address inflation and service levels for the Access Paratransit program.	5,544,880	0	0.0	0.0
(TA_107) Legacy Marine Division Appropriation Transfers Transfer in FTE authority and miscellaneous budget from the legacy Marine Division appropriation.	7,540,845	0	24.5	0.0
(TA_108) Inflation and Carryforward Service Adjustments - Vanpool Adjust costs to address inflation and service levels for the Vanpool program.	(2,044,149)	0	0.0	0.0
(TA_110) Net Zero Changes Revise expenditure accounts to match current spending patterns.	0	0	0.0	0.0

**2021-2022 Executive Proposed Operating Budget
TRANSIT (EN_A46410)**

EN_A46410

Decision Package Adjustment Detail	Expenditures	Revenues	Reg FTE	TLT
(TA_111) Overtime Account Adjustment Adjust overtime account to accommodate GWI, retirement, and FICA.	4,599,063	0	0.0	0.0
(TA_112) Temporary Account Adjustment Adjust temporary account to accommodate GWI and FICA.	4,126	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 and provide greater transparency.	(6,608,000)	0	0.0	0.0
Central Rate Adjustments	17,549,179	0	0.0	0.0
Total Decision Package Adjustments	37,349,026	58,299,595	(226.2)	(12.5)

2021 - 2022 Executive Proposed Financial Plan
Public Transportation Fund / 4641,3641,3642,4642,4643,8430

Category	2019-2020 Estimated	2021-2022 Proposed Budget	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	963,927,844	1,136,595,725	710,012,117	591,347,126
Revenues				
Sales Tax	1,278,382,673	1,284,608,531	1,431,521,210	1,542,211,897
Property Tax	59,450,865	75,422,493	78,728,454	82,253,392
Fares (All Modes)	223,100,606	205,722,632	297,225,626	319,194,561
Other Operations	36,503,771	35,445,762	24,621,782	25,932,767
Sound Transit Payments	246,540,346	272,733,547	268,743,737	266,435,371
Seattle Service	118,189,187	21,435,267	14,756,423	15,689,323
Grants	372,256,899	197,390,920	128,528,409	208,819,570
Interest Income	35,401,731	10,969,546	7,235,844	7,659,974
Income Based Fares	1,445,400	51,610,200	62,558,400	62,558,400
Miscellaneous	31,156,350	32,603,886	42,643,074	37,682,874
Total Revenues	2,402,427,828	2,187,942,784	2,356,562,958	2,568,438,129
Expenditures				
<i>King County Bus Operations</i>	<i>(1,301,307,465)</i>	<i>(1,459,370,992)</i>	<i>(1,576,590,424)</i>	<i>(1,595,092,969)</i>
<i>DART & Alt Services Operations</i>	<i>(50,094,716)</i>	<i>(55,442,720)</i>	<i>(56,035,829)</i>	<i>(59,055,540)</i>
<i>ACCESS Operations</i>	<i>(142,656,210)</i>	<i>(156,571,595)</i>	<i>(166,010,093)</i>	<i>(175,499,775)</i>
<i>DSTT Operations</i>	<i>(16,184,628)</i>	<i>(3,662,333)</i>	-	-
<i>Sound Transit Link Operations</i>	<i>(117,206,709)</i>	<i>(166,965,512)</i>	<i>(199,108,378)</i>	<i>(210,869,943)</i>
<i>Sound Transit REX Operations</i>	<i>(103,125,916)</i>	<i>(98,843,975)</i>	<i>(66,440,776)</i>	<i>(52,200,750)</i>
<i>Seattle Bus Operations</i>	<i>(106,893,031)</i>	<i>(21,079,270)</i>	-	-
<i>Streetcar Operations</i>	<i>(21,845,474)</i>	<i>(20,312,075)</i>	<i>(21,639,368)</i>	<i>(22,965,069)</i>
<i>Vanpool Operations</i>	<i>(21,471,897)</i>	<i>(20,912,359)</i>	<i>(21,998,437)</i>	<i>(23,298,887)</i>
<i>Marine Operations</i>	-	<i>(18,246,804)</i>	<i>(18,872,963)</i>	<i>(19,976,967)</i>
Transit Operating Total	(1,880,786,047)	(2,021,407,636)	(2,126,696,267)	(2,158,959,901)
Infrastructure Capital	(231,462,543)	(544,398,182)	(353,542,560)	(384,985,150)
Revenue Fleet Capital	(124,308,885)	(89,995,844)	(54,020,836)	(246,818,041)
Debt Service	(23,827,258)	(14,767,489)	(19,687,937)	(34,665,877)
Total Expenditures	(2,260,384,732)	(2,670,569,151)	(2,553,947,599)	(2,825,428,969)
Estimated Underexpenditures	4,794,963	10,107,038	18,076,918	18,351,159
Other Fund Transactions				
Debt Proceeds	22,549,776	35,992,541	58,830,732	210,730,439
Misc Balance Adjustments & Other Transfers	3,280,046	9,943,180	1,812,000	1,812,000
Total Other Fund Transactions	25,829,822	45,935,721	60,642,732	212,542,439
Ending Fund Balance	1,136,595,725	710,012,117	591,347,126	565,249,883
Reserves				
Revenue Stabilization Reserve	(262,380,429)	(262,380,429)	(278,693,192)	(301,068,148)
Operating Ending Target Requirement	(46,302,429)	(46,302,429)	(49,181,152)	(53,129,673)
Capital Designated Revenue	(6,132,087)	(6,132,087)	(6,132,087)	(6,132,087)
Revenue Fleet Replacement Reserve	(59,758,635)	(56,997,664)	(131,533,361)	(161,366,403)
Capital Carryover Reserve	(416,648,993)	(38,516,176)	(23,609,210)	(12,208,100)
Total Reserves	(791,222,574)	(410,328,785)	(489,149,002)	(533,904,412)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	345,373,151	299,683,332	102,198,124	31,345,472

Financial Plan Notes

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

Marine financials included in 2021 to 2026. Not included in 2019-2020, as still in separate funds.

Estimated and projected amounts include impacts from August 2020 OEFA projections.

Outyear projections assume revenue and expenditure change consistent with anticipated service levels and reflect the most recent estimates.

Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, and transfers between

Reserve levels reflects those adopted in the Fund Management Policies for Public Transportation.

Financial Plan last updated by Geoff Kaiser on 9.3.20

2021 - 2022 Proposed Financial Plan
Public Transportation Operating Fund / 000004641

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	243,211,772	370,567,179	337,960,842	147,274,551
Revenues				
Sales Tax	1,001,442,284	1,166,376,723	1,146,931,168	1,279,715,868
Property Tax	59,450,865	73,928,948	76,901,849	81,301,167
Fares (All Modes)	223,100,606	205,722,632	297,225,626	319,194,561
Other Operations	36,503,771	35,445,762	24,621,782	25,932,767
Sound Transit Service Contract	237,896,590	272,733,547	268,743,737	266,435,371
Seattle Service Contract	118,189,187	21,435,267	14,756,423	15,689,323
Grants	291,628,521	32,198,060	31,400,025	36,567,890
Interest Income	10,138,960	4,592,762	2,664,800	1,449,926
Income Based Fares	1,445,400	51,610,200	62,558,400	62,558,400
Miscellaneous	13,183,927	3,317,390	5,393,173	5,680,332
Total Revenues	1,992,980,110	1,867,361,291	1,931,196,983	2,094,525,606
Expenditures				
<i>King County Bus Operations</i>	<i>(1,301,307,465)</i>	<i>(1,459,370,992)</i>	<i>(1,576,590,424)</i>	<i>(1,595,092,969)</i>
<i>DART & Alt Services Operations</i>	<i>(50,094,716)</i>	<i>(55,442,720)</i>	<i>(56,035,829)</i>	<i>(59,055,540)</i>
<i>ACCESS Operations</i>	<i>(142,656,210)</i>	<i>(156,571,595)</i>	<i>(166,010,093)</i>	<i>(175,499,775)</i>
<i>DSTT Operations</i>	<i>(16,184,628)</i>	<i>(3,662,333)</i>	<i>-</i>	<i>-</i>
<i>Sound Transit Link Operations</i>	<i>(117,206,709)</i>	<i>(166,965,512)</i>	<i>(199,108,378)</i>	<i>(210,869,943)</i>
<i>Sound Transit REX Operations</i>	<i>(103,125,916)</i>	<i>(98,843,975)</i>	<i>(66,440,776)</i>	<i>(52,200,750)</i>
<i>Seattle Bus Operations</i>	<i>(106,893,031)</i>	<i>(21,079,270)</i>	<i>-</i>	<i>-</i>
<i>Streetcar Operations</i>	<i>(21,845,474)</i>	<i>(20,312,075)</i>	<i>(21,639,368)</i>	<i>(22,965,069)</i>
<i>Vanpool Operations</i>	<i>(21,471,897)</i>	<i>(20,912,359)</i>	<i>(21,998,437)</i>	<i>(23,298,887)</i>
<i>Marine Operations</i>	<i>0</i>	<i>(18,246,804)</i>	<i>(18,872,963)</i>	<i>(19,976,967)</i>
Total Expenditures	(1,880,786,047)	(2,021,407,636)	(2,126,696,267)	(2,158,959,901)
Estimated Underexpenditures	4,794,963	10,107,038	18,076,918	18,351,159
Other Fund Transactions				
Misc Balance Adjustment	740,366	0	0	0
Other Fund Transfers	0	100,000,000	0	0
Transfer from/(to) Revenue Stabilization Reserve	9,626,014	3,201,790	(13,263,926)	(18,347,897)
Total Other Fund Transactions	10,366,380	111,332,970	(13,263,926)	(18,347,897)
Ending Fund Balance	370,567,179	337,960,842	147,274,551	82,843,518
Reserves				
Operating Ending Target Requirement	(46,302,429)	(46,302,429)	(49,181,152)	(53,129,673)
Total Reserves	(46,302,429)	(46,302,429)	(49,181,152)	(53,129,673)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	324,264,750	291,658,413	98,093,399	29,713,845

Marine financials included in 2021 to 2026. Not included in 2019-2020, as still in separate funds.

Estimated and projected amounts include impacts from August 2020 OEFA projections.

Outyear projections assume revenue and expenditure change consistent with anticipated service levels and reflect the most recent estimates.

Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, and transfers between funds.

Other Fund Transfers' reflects transfer of undesignated fund balance from CIP fund, on account of smaller CIP program.

Reserve levels reflects those adopted in the Fund Management Policies for Public Transportation.

Financial Plan last updated by Geoff Kaiser on 9.3.20.

**2021-2022 Executive Proposed Operating Budget
TRANSIT REVENUE STABILIZATION (EN_A75700)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	0	10,755,900	0.0	0.0
Base Budget Adjustments	0	914,658	0.0	0.0
Decision Package Adjustments	0	(8,468,768)	0.0	0.0
2021-2022 Executive Proposed Budget	0	3,201,790	0.0	0.0
2021-2022 Executive Proposed Ordinance	0	3,202,000	0.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.

2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 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_018) Revenue Adjustment Adjust revenues to reflect updates to financial plan.	0	(8,468,768)	0.0	0.0
Total Decision Package Adjustments	0	(8,468,768)	0.0	0.0

**2021 - 2022 Executive Proposed Financial Plan
Revenue Stabilization Reserve Fund / 000004643**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	236,081,218	262,380,429	262,380,429	278,693,192
Revenues				
Sales Tax	25,000,000	-	-	-
Interest	8,936,326	3,201,790	3,048,836	4,027,059
Miscellaneous	-	-	-	-
Total Revenues	33,936,326	3,201,790	3,048,836	4,027,059
Expenditures				
Miscellaneous	-	-	-	-
Total Expenditures	-	-	-	-
Estimated Underexpenditures				
Other Fund Transactions				
Misc Balance Adjustment	1,988,900	0	-	-
Transfer from/(to) Operating Program	(9,626,014)	(3,201,790)	13,263,926	18,347,897
Total Other Fund Transactions	(7,637,114)	(3,201,790)	13,263,926	18,347,897
Ending Fund Balance	262,380,429	262,380,429	278,693,192	301,068,148
Reserves				
Revenue Stabilization Reserve	(262,380,429)	(262,380,429)	(278,693,192)	(301,068,148)
Total Reserves	(262,380,429)	(262,380,429)	(278,693,192)	(301,068,148)
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	-	-	-	-

Estimated and projected amounts include impacts from August 2020 OEFA projections.

Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, and transfers between funds.

Reserve levels reflects those adopted in the Fund Management Policies for Public Transportation.

Financial Plan last updated by Geoff Kaiser on 9.3.20.

**2021-2022 Executive Proposed Operating Budget
TRANSIT DEBT SERVICE (EN_A84300)**

Operating Budget Summary	Expenditures	Revenues	Reg FTE	TLT
2019-2020 Revised Budget	24,572,181	4,249,944	0.0	0.0
Base Budget Adjustments	(6,154,867)	2,687,024	0.0	0.0
Decision Package Adjustments	(3,624,106)	(5,252,961)	0.0	0.0
2021-2022 Executive Proposed Budget	14,793,208	1,684,007	0.0	0.0
2021-2022 Executive Proposed Ordinance	14,794,000	1,685,000	0.0	0.0

Notes

1. The 2019-2020 Revised Budget equals the 2019-2020 Adopted Biennial Budget plus all Adopted Supplementals as of the publication of this document.

2. Adjust base budget to remove one-time changes, annualize supplemental changes, and increase personnel budgets to 2021-2022 rates. Personnel budgets reflect projected 2021-2022 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_018) Bond Fund Updates Update expense and revenue assumptions for Transit's Bond Fund (8430), reflecting revenue and debt service payments.	1,459,431	(22,082,620)	0.0	0.0
(TA_050) Revenue Adjustment Revise budgeted revenues to match the current forecast.	0	16,829,659	0.0	0.0
Central Rate Adjustments	(5,083,537)	0	0.0	0.0
Total Decision Package Adjustments	(3,624,106)	(5,252,961)	0.0	0.0

**2021 - 2022 Executive Proposed Financial Plan
Public Transportation Bonds Fund / 000008430**

Category	2019-2020 Estimated	2021-2022 Proposed	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	42,180,744	21,031,162	7,921,960	4,180,517
Revenues				
Sales Tax	2,961,314	0	14,315,212	30,844,238
Marine Property Tax	0	953,850	947,850	952,225
Interest Income	1,348,587	193,973	68,855	57,397
Miscellaneous	0	0	-	-
Federal Debt Service Subsidies	893,495	536,183	435,684	341,263
Total Revenues	5,203,397	1,684,006	15,767,602	32,195,123
Expenditures				
Bond Debt Service Payments	(23,904,497)	(14,793,208)	(19,509,045)	(34,486,985)
Total Expenditures	(23,904,497)	(14,793,208)	(19,509,045)	(34,486,985)
Estimated Underexpenditures				
Other Fund Transactions				
Balance Sheet Adjustments	(99,832)	0	-	-
Sinking Fund Transfers	(2,348,650)	0	-	-
Total Other Fund Transactions	(2,448,482)	-	-	-
Ending Fund Balance	21,031,162	7,921,960	4,180,517	1,888,655
Reserves				
Sinking Bond Reserve	0	-	-	-
Total Reserves	0	-	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	21,031,162	7,921,960	4,180,517	1,888,655

Estimated and projected amounts include impacts from August 2020 OEFA projections.

Financial Plan last updated by Geoff Kaiser on 9.3.20.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1028718	TD NON REV VEHICLE REPLACEMENT STANDALONE		\$4,745,139	<p>Current 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 has either met or exceeded the expected life or is no longer economical/effective to maintain. Using an established life as the basis for the replacement schedule, the criteria for equipment replacement is adjusted based on the type of vehicle, its utilization, and application. The mix of vehicles planned for replacement changes year to year because actual vehicle mileage varies from the projected miles used for the plan. This project proposes to replace a total of 83 vehicles in five different categories in 2021 and 2022, and reduce the 10-year CIP estimate by \$3.1M by redeploying of under-utilized vehicles, analyzing potential vehicle life extension for some makes/models with decreased vehicle maintenance costs, and identifying replacement options that could realize cost savings.</p> <p>Budget Request Basis: The replacement budget was determined by a standard replacement threshold based on mileage and age of vehicles, also taking into account vehicle condition and maintenance cost. The replacement standards were set based on King County policy. Vehicle pricing is based on current model-year cost plus a percentage increase for inflation as well as additional costs for aftermarket builds for specific business needs to accommodate users changes in technical specifications as needed. Replacement of vehicles with electric vehicles (EV) is considered in 2021-2022 budget based on current planned infrastructure. Any further expansion of EV replacements will require additional budget appropriation.</p>
1028827	TD CAPITAL PROJECT OVERSIGHT ADMIN		\$361,822	<p>Current Scope: Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.</p> <p>Budget Request Basis: Budget appropriation supports the cost of capital project oversight work by the King County Auditor, based on the allocation formula.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1028830	TD TRANSIT PRIORITY IMPROVEMET PROGRAMMATIC		\$0	<p>Current Scope: Transit Priority Improvement - This program covers conceptual development plans and implementation of projects that support the current needs (such as Need + Speed Initiatives), capital investment related to signal, and roadway operational improvements along congested corridors and individual intersections. Small and low-cost projects typically involve implementing spot improvements at chokepoints where buses experience blockages or delays approaching intersections or merging back into traffic after serving a bus stop. Medium-cost projects include improvements like transit priority treatments for a portion of a high-ridership route corridor, such as bus lanes along an arterial shared by several different routes, or re-timing traffic signals along a corridor. High-cost projects can be a variety of speed and reliability improvements along the entire length of a route corridor, such as transit signal priority and other major infrastructure improvements such as a roadway widening project.</p> <p>Budget Request Basis: Budget for the 2021-2022 biennium was previously appropriated in the 2019-2020 adopted budget. The Spot Improvement program is an ongoing effort and continues to deliver new individual projects each year. Additional budget is needed to implement new and enhanced bus lanes within and outside of Downtown Seattle.</p>
1112015	TDC NEW TRANASIT PATHWAY SOUTH OF DOWNTOWN SEATTLE PROGRAMMATIC		(\$1,760,841)	<p>Current Scope: New Transit Pathway South of Downtown Seattle - This project will create a new transit pathway between the Alaskan Way Tunnel and Third Avenue via Columbia Street by changing Columbia Street from Alaskan Way to 3rd Avenue to a two-way traffic operation and reconstructing the roadway on Columbia Street from 1st to 3rd Avenues.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1115489	TD TROLLEY POLES PROGRAMMATIC		\$1,036,716	<p>Current 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>Budget Request Basis: The 2021-2022 budget is based on past years' expense trend for maintenance, repair, and replacement of trolley poles. Costs include labor, supplies, and equipment to support the timely maintenance, repair, and/or replacement of the trolley poles.</p>
1115490	TD TROLLEY OVERHEAD SWITCHES PROGRAMMATIC		\$823,098	<p>Current Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in 5-15 overhead switches and ancillary hardware being replaced annually.</p> <p>Budget Request Basis: The 2021-2022 budget is based on past years' expense trends for maintenance, repair, and replacement of trolley switches. Costs include labor, supplies, and equipment to support the timely maintenance, repair and/or replacement of trolley switches.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1116015	TD TOH, SHELTER, EQUIP BUDGET PROGRAMMATIC		(\$324,473)	<p>Current Scope: Trolley Poles and Switches, Shelter and Equipment Replacement - This program consists of four subprojects that have annual “routine” asset replacements: 1) trolley switches replacing 5-15 intersection electrical hardware annually, 2) trolley poles including mast arms replacing 100-120 wood poles annually, 3) bus stop shelter refurbishment rebuilding 140-160 shelters annually, and 4) equipment replacement funding of shop, field, grounds, power, and custodial equipment.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1116112	TD TROLLEY MOD BUDGET PROGRAMMATIC		\$2,442,520	<p>Current Scope: Trolley Modifications Budget - This master project supports the implementation of trolley projects that require permanent modification of the system and are initiated by our agency partners, including the Seattle Department of Transportation (SDOT), Washington State DOT, Sound Transit, and others. Trolley system 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 to identify potential impacts early, minimize modifications where feasible, and seek reimbursement when possible.</p> <p>Budget Request Basis: The budget requested for this master program will support ongoing capital project planning, design, and implementation activities for the Routine Trolley Mod Program and standalone trolley modification projects, including 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. The budget requested is necessary in order to cover these costs and to sign consultant contracts (or work orders) that will support design and implementation efforts.</p>
1116745	TD 3RD AVE IMPROVEMENTS PROGRAMMATIC		(\$2,798,382)	<p>Current Scope: Third Avenue Transit Corridor Improvement and RapidRide Facilities - This project will provide bus stop, streetscape and transit street priority improvements to the region's primary transit corridor – Third Avenue between S. Jackson Street and Denny Way in Seattle.</p> <p>Budget Request Basis: This appropriation has been split into several standalone projects. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1116755	TDC RAPIDRIDE BIKE FACILITIES PROGRAMMATIC		\$107,875	<p>Current Scope: Rapid Ride 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. The funding will be used to finalize design; purchase and install bicycle storage facilities (racks or lockers) at approximately 106 stops and stations along five RapidRide lines (B-F); identify and fix small barriers to safe and convenient bicycle access within the three-mile cycle distance to RapidRide; and ensure adequate information is available to facilitate the connection between bicycles and RapidRide, including signage and mapping.</p> <p>Budget Request Basis: This budget request is based on remaining grant funds plus the required match. The spending plan assumes locker installations and other related improvements applicable to locations eligible for this grant, while other grants cover additional locations.</p>
1121955	TDC REPL P&R LIGHTING STANDALONE		(\$204,815)	<p>Current Scope: Park & Ride Lighting Replacement - This project supports the replacement of existing lighting at all park and rides with LED/High efficiency lighting.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1124125	TDC A/C OPS & WAREHOUSE DEMOS PROGRAMMATIC		(\$263,303)	<p>Current Scope: Atlantic/Central Base Operations and Warehouse Demolitions - This project will demolish the Frye Warehouse and the old Atlantic/Central Base Operations Buildings. The project will also create additional coach parking on Atlantic/Central Site. The Frye Warehouse site will be temporarily developed for vehicle parking.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1124256	TDC REGL TRANSIT CONNECTIVITY PROGRAMMATIC		\$416,363	<p>Current 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 both partner-led and Metro-led partnership projects. These projects will take advantage of future grant funding and capital investment opportunities and advance external partnerships. The funding should be used to enhance existing Metro Transit capital project scopes, other agency-led projects, or to initiate action to address an emergent need that improves ridership and/or overall customer satisfaction.</p> <p>Budget Request Basis: The amount requested is based on Metro's current commitments and ongoing conversations with cities on potential project partnerships. The appropriation needed for the 2021-2022 biennium is to engage local partner agencies and to plan for projects to be identified in the next biennial budget.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1124294	TDC FAIRVIEW BRIDGE TOH SUPP STANDALONE		\$740,274	<p>Current Scope: Fairview Bridge Trolley Overhead Replacement - This project is in support of SDOT's replacement of the Fairview Bridge. The scope of work includes removal and replacement of existing trolley poles and Overhead Contact System (OCS) on City of Seattle Fairview Bridge during bridge demolition and reconstruction. It also includes trolley infrastructure changes to support a detour of trolley service on the Route 70 during the 18 month bridge construction project.</p> <p>Budget Request Basis: The additional amount requested for the 2021-2022 budget cycle is based on previous expenses for similar projects, partner discussions, contingency, and full costs associated with this project.</p>
1124395	TDC INTERIM POLICE FACILITY STANDALONE		(\$170,123)	<p>Current Scope: Interim Police Facility - This project will pay for tenant improvements to implement a new Interim Metro Transit Police Building to relocate staff from their current work spaces in the old Atlantic/Central Operations Building and Frye Warehouse. Consistent with the facility master plan for Central-Atlantic Campus, Metro security staff will also join the Metro Transit Police in the new location. The tenant improvements will include features such as locker rooms, bike repair, weapon and ammunition storage; security and access control systems; and IT infrastructure. The interim building will be a 10-year leased office space for approximately 110 total daily staff and 50 secure parking spaces, to be used on an interim basis while a permanent solution is implemented for the Metro Transit Police. The interim building will be a commercial lease in the SODO vicinity with tenant improvements based on a requirements document prepared by Transit Design and Construction.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1124429	TDC REPL 4.9 NETWK & ROUTERS STANDALONE		(\$12,999,280)	<p>Current Scope: Replace 4.9 Network and Routers with Next Generation Wireless (NGW) - This project funds the replacement of end-of-life wireless equipment with new cellular 4G LTE-based equipment. This equipment will transmit data and real time information from on-board systems, including ORCA, to King County servers. The project scope includes replacement of the existing 4.9 GHz network; deployment of new wireless network; governance for the wireless network covering how system communicates through the service and how the service is supported; updates to impacted applications to ensure existing functionality is not degraded or lost after deployment of the new wireless network; and maintenance and support plan for King County staff after deployment of new wireless network.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1124439	TDC ACCESS ALT FUEL (LPG) STANDALONE		(\$190,775)	<p>Current Scope: Access Alternative Fuel (Liquid Petroleum Gas) - The scope of this project was to shift from gasoline to a less expensive and cleaner burning alternative fuel, Liquid Petroleum Gas (LPG), at our Solid Ground contractor's South Park operating base.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1124456	TDC ORCA REPLACEMENT STANDALONE		\$7,835,798	<p>Current Scope: Next Generation ORCA Replacement (ngORCA) - This project is a joint effort between King County Metro Transit, Sound Transit, and other regional transit agencies to replace and update the existing ORCA smart card regional fare collection system. The future ORCA fare collection system is expected to include the following elements: fare card readers or validators at all fare collection points, including buses, rail and streetcar stations; operator displays and functionality to collect and manage fares while delivering service; fare inspection equipment for fare enforcement officers for next generation ORCA system; agency servers and other equipment needed to collect fares from readers and otherwise manage system devices and functions; a central clearinghouse and associated financial processing to manage, reconcile and settle transactions; system websites for agency management, business accounts and customer use; reporting and management processes required for system implementation and ongoing maintenance; and negotiation and renewal of a long term support and maintenance agreement.</p> <p>Budget Request Basis: This appropriation request is the final planned appropriation request for the ORCA Replacement Project. The planned project budget of \$57.5M remains unchanged from the original project budget requested and approved in the 2017-2018 biennium budget. No further appropriation requests are planned for this project.</p>
1124538	TDC BUS SECURITY CAMERA REPL STANDALONE		(\$263,333)	<p>Current Scope: Bus Security Camera Replacement - This project provides for the systematic replacement of on-board camera systems that were installed between 2008 and 2014. The current systems include cameras (4-11 depending on the size of the bus), microphones, closed circuit televised video, a digital video recorder (DVR) and DVR hard drive.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1125742	TDC 500KV SUB BREAKERS STANDALONE		\$2,524,488	<p>Current Scope: 500 Kilowatt Sub Breakers - This project will complete design and specifications for breaker procurement, procure material and equipment, and install new breakers. Replace (26) 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>Budget Request Basis: 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 from ~\$7.4M to \$9.9M and to extend the schedule into Q4 2023.</p>
1125765	TDC BROAD ST SUB X-FORMER STANDALONE		\$2,448,408	<p>Current Scope: Broad Street Substation Transformer - This project will replace the Broad St. substation's 1500KVA DC Transformers and Rectifiers (switchgear).</p> <p>Budget Request Basis: This is an ongoing capital project. Funding in 2021-2022 will support the beginning of project implementation, with completion anticipated in 2022. The original budget request was generated using in-house engineering assessments, and the engineering group is preparing to use an engineering consultant's expertise to design the transformer. This may increase the total cost of design.</p>
1127241	TDC SB BUS WASH VAC REPL STANDALONE		\$312,774	<p>Current Scope: South Base Bus Wash Vacuum Replacement - This project includes the replacement of wash and vacuum and associated systems, including compressor/dryers, fire protection systems, interior piping's distributions, ventilation, and electrical systems at South Base.</p> <p>Budget Request Basis: 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, predesign was completed by KPFF Consulting Engineers in December 2017 in which they provided an updated ROM cost for construction.</p>
1127254	TDC UNIV BRIDGE POLE REPLACEMT STANDALONE		\$1,083,002	<p>Current Scope: University Bridge Trolley Pole Replacement - This project is in support of the replacement of the 30 trolley poles located on the University Bridge as part of the State of Good Repair program.</p> <p>Budget Request Basis: This request reflects the need for a consultant/contractor to work with Metro's Power Distribution and Capital Delivery to design and install the remaining 30 poles. Funding for replacing trolley poles on University Bridge continues in 2021-2023 and will requires additional funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1127864	TDC COMFORT ST WESTWOOD STANDALONE		\$458,464	Current Scope: Westwood Comfort Station - This project involves siting, design, and construction of a permanent comfort station for Transit operators at the Westwood Village layover area. This comfort station may include "Living Building Challenge" high sustainability goals. Budget Request Basis: The budget request is based on cost metrics for three comfort station projects that have progressed to construction in 2018.
1127880	TDC COMFORT ST VASHON STANDALONE		\$0	Current Scope: Vashon Island Comfort Station - This project involves siting, design, and construction of a permanent comfort station for Transit operators on Vashon Island. Budget Request Basis: The budget request is based on cost metrics for three comfort station projects that have progressed to construction in 2018.
1128294	TDC SBVM REPL AIR COMP STANDALONE		\$1,231,601	Current Scope: South Base Vehicle Maintenance Replacement Air Compressor - The project objective is to replace the two existing compressors with an efficient compressed air system that will perform as intended for SB' s vehicle maintenance functions. Budget Request Basis: Funding in 2021-2022 will support project 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. The project was started as a sub-project of 1129629 - TDC EQUIP ASSET MGMT. The project is now being split out into a standalone.
1128656	TDC DSTT EQUIPMENT RELOC STANDALONE		(\$4,000,000)	Current Scope: Convention Place Station (CPS) Low Voltage Communication Equipment Relocation - This project involves demolition and relocation of existing Transit Control Center/Communications Room at CPS by the Washington State Convention Center's (WSCC) contractor to facilitate construction sequencing. This project scope involved the relocating of the existing equipment located in the current Communication Room which resides in the cut and cover area at CPS. The systems that are going to be relocated are telephone system, radio and communication system, fire detection, protection, SCADA, security and data systems. All of the new systems will be duplicated and located in prefabricated building to be located inside the Downtown Seattle Transit Tunnel (DSTT). This project is part of a larger body of work at CPS. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129343	TDC DT LAYOVER DESIGN STANDALONE		(\$1,999,948)	<p>Current Scope: Downtown Seattle Layover Facilities - This project includes development of bus layover facilities in the northern downtown area of the City of Seattle, generally in the South Lake Union area, and the southern downtown area of the City of Seattle, generally in the Pioneer Square/International District area.</p> <p>Budget Request Basis: This appropriation has been split into several standalone projects. Disappropriating remaining funds.</p>
1129510	TDC NE SEATTLE TRANSF ENV IMP STANDALONE		(\$473,541)	<p>Current Scope: Northeast Seattle Transfer Environment Improvements - This project will design and construct bus stop improvements identified in the "Work Plan for Improving the Transfer Environment at location impacted by U Link Bus Integration."</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1129621	TDC BICYCLE PARKING EXP PROGRAMMATIC		(\$275,475)	<p>Current Scope: Bicycle Parking Expansion - This program improves and expands bike parking at transit facilities, supporting the access to Transit's vision of Metro's long-range plan, Metro Connects. The project includes design, site prep and permitting, and purchase and installation of equipment. Equipment will include on-demand (electronic access) bike lockers, bike racks and corrals, or other bike parking equipment suited to the site. Site prep may include relocating or removing older equipment.</p> <p>Budget Request Basis: The project has been scaled down to align with available funding. This request removes excess budget.</p>
1129622	TDC VAN DISTR CENTER PARKING STANDALONE		(\$407,220)	<p>Current Scope: Van Distribution Center Parking - The King County Metro Transit Van Distribution Center (VDC) was constructed in 1997 and is located at 18655 N.E. Union Hill Road in Redmond. The VDC is the vehicle distribution facility for King County's commuter van fleet. Program support functions at the VDC include 1) Receipt of new vans; 2) After-market preparation of vans prior to distribution to customers; 3) Customer drop-off/pick-up locations for van starts, trades, and folds; 4) Preparation of retired vans for sale; and 5) Sales of retired vans. The VDC, as currently utilized, has a 439 van capacity including use of the lot perimeter. This project funds an expansion of 100 parking stalls at the VDC to accommodate growth in the vanpool program. Adding capacity comes from paving land already owned by King County and use allowed by the City of Redmond.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129626	TDC INFRASTR ASSET MGMT PROGRAMMATIC		(\$2,860,493)	<p>Current Scope: Infrastructure Asset Management - This program keeps assets in good, safe conditions through timely maintenance and repair and reinvests in assets when conditions and/or age affect its performance reliability. Infrastructure assets are defined as assets that function or operate collectively and/or systematically and can be situated in one or multiple locations. Qualifying targets for sub-projects in this master project are radio transmission sites, electric trolley overhead, diesel and gas fueling systems, bus shelters and security systems, among others.</p> <p>Budget Request Basis: This appropriation has been split into several standalone projects. Disappropriating remaining funds.</p>
1129630	TDC SGR ADMINISTRATION PROGRAMMATIC		(\$1,507,076)	<p>Current Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects within the SGR Sub Portfolio, including 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 of projects for progress and changes in scope, schedule, and budget; 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. 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>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1129631	TDC 8TH BASE CONSTRUCTION STANDALONE		(\$26,005,528)	<p>Current Scope: South King Base (formerly known as 8th Base) Construction - This project will include the search for and purchase of suitable property on which a new bus base can be built as well as planning, pre-design, and design of the new base. The 10-year funding is to prepare Transit to be ready to construct for an opening as early as 2030, pending confirmation of need based upon monitored fleet growth and electric bus integration efforts, thereby enabling Transit to realize the long range plan for service by supplying more long-term base capacity and a fully electric fleet.</p> <p>Budget Request Basis: This request removes excess budget in order to align with Metro's current plans for Operational Capacity Growth and available funding.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129633	TDC CCMP 2019 PROGRAM STANDALONE		(\$2,043,292)	<p>Current Scope: Center City Mobility Program (CCMP) 2019 - This project plans, designs, and implements a set of multi-modal transportation capital investments, designed to keep people and the economy moving during a period when major public and private construction projects will reduce travel and roadway capacity (2018-2023). The capital investments will be completed by 2019 in order to coincide with the end of joint bus-rail operations in the Downtown Seattle Transit Tunnel. Program elements will be implemented jointly by partner agencies in several broad categories, including: 1) signal improvements on Second and Fourth avenues, including the addition of dedicated vehicular turn signals to separate conflicting pedestrian and vehicular movements, improve safety, and provide corridor efficiencies for transit operations; 2) a new transit pathway on Fifth and Sixth avenues to increase transit capacity, speed, and reliability for northbound buses; 3) public realm and user experience improvements for commuters, residents, and visitors of downtown Seattle to enhance safety at street crossings, add lighting, and activate public spaces around transit hubs; 4) transit hub improvements including new and improved bus stops and pedestrian wayfinding at key transfer locations throughout downtown Seattle, at the Montlake Triangle, and at the International District/Chinatown Station; and 5) other strategies to help urban goods delivery, motorists, and commuters.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1129634	TDC AB REPL MAINT BLD HVAC STANDALONE		\$8,758,100	<p>Current 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 Transit Control Center.</p> <p>Budget Request Basis: The budget request for 2021-2022 will support implementation and closeout of the project. 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 was not originally estimated. Additionally, the original project estimate was completed in 2016. The current construction schedule suggests the need to account for current day construction costs. The Seattle construction market has escalated by nearly 20% over the 5 years that will have transpired since the original estimate.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129636	TDC ST STATION INTEGRATION STANDALONE		\$1,007,184	<p>Current Scope: Sound Transit Station Integration - The scope of this project is King County Metro's coordinated participation in the planning, design, construction, and implementation of Sound Transit's Link (LRT), Sounder (Commuter Rail), and Stride Bus Rapid Transit (BRT) capital projects, which are part of the voter-approved ST2 and ST3 plans. For each Sound Transit capital project, 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 and provide for seamless transit integration. As Sound Transit projects complete design and move into construction, this project will develop separate project budgets to design and construct adjacent bus stop (station area) improvements.</p> <p>Budget Request Basis: The budget request for 2021-2022 is a planning-level estimate for Metro staff participation and consultant support in Sound Transit's capital program, based on 2019 expenditures. For each Sound Transit ST3 or ST2 project, staff time was estimated based on project schedule, including major milestones and deliverables, to aggregate into total estimated full-time staff equivalents that comprise the program's appropriation request.</p>
1129642	TDC SOUTH BASE EXPANSION STANDALONE		(\$8,308,464)	<p>Current Scope: South Base Expansion - The primary scope is to purchase property and buildings located at 12400 E. Marginal Way S., in Tukwila, Washington. This property is located just south of the South Transit Operating Base. This acquisition will enable Metro to increase bus base capacity and remedy overcrowded conditions of the support functions presently located around South Base. A secondary scope is to relocate various work groups into the acquired building and demolish the training facility for reuse as interim bus parking in order to begin increasing capacity at the Base.</p> <p>Budget Request Basis: This project has been split into several standalone projects. Disappropriating remaining funds.</p>
1129643	TDC YESLER WAY ELECTRIFIC STANDALONE		(\$168,857)	<p>Current Scope: Yesler Way Electrification - This project included the first two phases of a project that would construct approximately 0.6 miles of new trolley overhead wire and support structures along Yesler Way between Third Avenue and 8th Avenue, along 8th Avenue between Yesler Way and Fir Street, and along 9th Avenue between Fir Street and Jefferson Street. The work under this appropriation involved the planning and predesign phases required to proceed with the design of the construction of the identified trolley system improvements.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129644	TDC CNTRL/ATL BASE EXP STANDALONE		(\$27,230,138)	<p>Current Scope: Central Atlantic Base Expansion - This project comprises all the activities that will lead to the purchase and development of additional parcels of land adjacent to the Atlantic/Central Base. The development will include the construction of both interim and long-term facilities to increase base capacity. Purchases or land will extend the base property, thereby enabling Transit to realize the long range plan for service by supplying more base capacity. The properties will enable Transit to implement the 2013 Atlantic-Central Base Master Plan, which calls for increasing bus parking and bus maintenance and relocating non-direct base functions that will be displaced.</p> <p>Budget Request Basis: This request disappropriates funding in order to align with Metro's current plans for Operational Capacity Growth and available funding.</p>
1129648	TDC ON BUS CAMERA EXP STANDALONE		(\$2,968,228)	<p>Current Scope: On-Bus Camera System - The project equips 100 percent of Metro's transit coaches with on-board camera systems (OBCS) within as short a timeframe as reasonable. The project scope produces an OBCS Program that includes on-board camera components (cameras, digital video recorder (DVR) with hard-drive storage) and a software management package that allows program administrators, transit police, risk managers and other frequent video users' to remotely download video and provides automated system health monitoring over a cellular or other type of wireless communication link. The project scope includes implementation of a secure management package that catalogs, tracks, stores, and easily retrieves stored video segments and prepares automated management reports. To equip 100 percent of Metro coaches with OBCS requires both the retrofit of some existing buses with camera systems and the acquisition of new coaches with original equipment manufacturer installed OBCS.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129747	TDC MC RR EXPANSION PROGRAMMATIC		\$729,553	<p>Current 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 an overall program delivery plan, updating the branding and kit of parts for RapidRide, and performing preliminary feasibility and scoping studies for candidate RapidRide corridors and improvements studies and partnerships for existing RapidRide lines. Additionally, this budget covers the cost of the expansion program management including staff time.</p> <p>Budget Request Basis: This budget request is required to coordinate planning and management of three of the identified RapidRide projects 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. Additionally, this budget is developed to allow for seamless coordination with jurisdictional partners (Seattle) and to work on initiatives that benefit multiple or all RapidRide lines and/or re-investment projects.</p>
1129798	TDC OB CAMERA MGMT SYSTEM STANDALONE		(\$266,956)	<p>Current Scope: On Board Camera Management System - This project will implement a new On-Board Camera Management System that will integrate with the existing and any new OBCS. This new system will address short-comings with Metro's current system and processes. This new system will include: 1) Wireless video retrieval. This feature will allow staff to remotely access and download stored video files and will reduce the amount of travel time and manual processing required. 2) File management and storage. This feature will provide automated system reporting and tracking of downloaded video. This will eliminate the dependency upon manual documentation and will improve the process of file recovery. 3) Health status monitoring. The new system will monitor all coaches in the fleet on a daily basis and provide automated OBCS health status reporting. This will identify problems with OBCS on a coach and notify Vehicle Maintenance (VM) immediately when a problem occurs. OBCS health monitoring will eliminate the need for manual preventative maintenance checks, provide VM Electronic Technicians information as to problem improving the efficiency of repairs and increase the percentage of OBCS that are operating correctly.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1129799	TDC VEH TELEMAT FOR COACHES STANDALONE		(\$1,893,153)	Current Scope: Vehicle Telematics for Coaches - The purpose of this project is to implement a vehicle telematics system on the existing fleet of revenue vehicles (buses) to accurately capture vehicle mileage and other information about the behavioral and mechanical variables affecting fuel efficiency. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.
1129800	TDC SAFETY & SECURITY SYS STANDALONE		(\$419,843)	Current Scope: Safety and Security System - The purpose of this project was to implement a comprehensive safety data system. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.
1129881	TDC RADIO MICROWAVE REPL STANDALONE		(\$345,078)	Current Scope: Radio Microwave Replacement - This project will replace key components in the seven microwave towers that are part of King County Metro's mobile radio infrastructure. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.
1131378	TDC COMFORT STATION 2 SODO STANDALONE		\$13,367	Current Scope: Comfort Station 2 SODO (south of downtown) - This is the second comfort station project in the SODO 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. Budget Request Basis: The budget request is based on cost metrics for three comfort station projects that have progressed to construction in 2018.
1131481	TDC BB CB LIFT REPL STANDALONE		(\$7,093,429)	Current Scope: Bellevue Base, Central Base Lift Replacement - Since this project was first proposed, the scope has been revised from custom designed bus lift equipment to the replacement of the existing bus lift equipment with similar pre-manufactured equipment with some enhanced functionality and safety features. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1132325	H LINE STANDALONE		\$4,985,579	<p>Current Scope: RapidRide 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 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. This budget does not include vehicles.</p> <p>Budget Request Basis: 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	R LINE STANDALONE		(\$54,071,596)	<p>Current Scope: Rainier Avenue Mount Baker Downtown RapidRide - This project extends from Mount Baker 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, 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>Budget Request Basis: Project defferred. A request to re-appropriate this project may come up in the future if additional funding becomes available.</p>
1132390	TDC BASES FALL PROTECTION STANDALONE		\$1,482,449	<p>Current Scope: Bases Fall Protection - Install fall protection in approximately 32 bays in six bases and facilities for Metro Transit.</p> <p>Budget Request Basis: Cost estimate is based on total project cost for installing fall protection in 12 bays in prior years.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1133179	TDC MAJOR SPOT IMPR PROGRAMMATIC		\$888,251	<p>Current Scope: Major Spot Improvement - This project includes the design and construction of spot improvements to reduce bus delay and increase transit performance at eight identified congested locations. The improvements will yield transit benefits of improved reliability and increased rider throughput at the following eight locations in King County: Howell St (between 9th and Yale Ave), MLK Jr Way S (between Othello St and Myrtle), E Union St & Broadway, Westlake Ave N (between N Mercer St and Harrison St) in Seattle, S 188th St & Military Road S and S 188th & I-5 in SeaTac, S 212th St & 64th Ave S to 132nd Ave SW & SE 272nd St in Kent, S 272nd St & Covington Way to S 272nd St & SE Wax Rd in Covington, and NE 124th St & 116th Ave NE in Kirkland.</p> <p>Budget Request Basis: The estimated cost to design and implement this project was based on similar project improvements in other areas. The budget request is based on the anticipated grant award from the State. The State grant funding distribution is related to the progress in the 2019-2020 biennium. The cost of the project and the level of effort to implement each spot improvement project depends on support and active involvement of each partner agency.</p>
1133368	TDC CSC FRAME STRAIGHTENER STANDALONE		\$260,369	<p>Current Scope: Component Supply Center Auto Body Frame Rack Replacement - This project is to plan, design and implement a safe, modern frame rack replacement for repairing bus and non-revenue vehicle (NRV) frames after accidents.</p> <p>Budget Request Basis: The budget request is based on the purchase cost and estimated installation of three similar frame racks. The budget request was developed by King County Metro engineering and corroborated by a design consultant.</p>
1133920	TDC NORTHGATE TC DEMO STANDALONE		\$0	<p>Current Scope: Northgate Transit Center Demolition - This project consists of decommissioning and demolition of the existing Northgate Transit Center above-ground structures after bus transit service is relocated to the new integrated Northgate Link light rail station/transit center, forecast to occur in 2021. This project is one of four projects associated with the Northgate Transit Oriented Development (TOD) Program, previously part of a common appropriation.</p> <p>Budget Request Basis: This appropriation is requested to continue to prepare to decommission and demolish the existing Northgate Transit Center after bus transit service is relocated to Sound Transit's new Northgate Station/Transit Center. It is based on cost estimates from 10% design. .</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134108	TDC EL SIGN IN FOR OPRTORS STANDALONE		(\$309,986)	<p>Current Scope: Electronic Sign-In for Operators - This project will implement a badge reader based sign-in/sign-out process to record start and stop times and document overtime for Metro Transit coach, rail, and street car operators as agreed to in a settlement with the U.S. Department of Labor concerning pay practices. The project scope includes provisioning of necessary hardware, software, network infrastructure, and integration to log actual start and end times for operators, using card reader technology and existing King County ID cards. The software will also allow/require entry of reason codes for additional work beyond scheduled hours.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1134161	TDC FAREBOX REPL STUDY STANDALONE		(\$331,281)	<p>Current Scope: Farebox Replacement Study - This planning project is an effort that will develop program recommendations for either replacing the existing fareboxes with new fareboxes or identifying an alternative path forward.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>
1134192	TDC EASTGATE MOBILITY HUB STANDALONE		(\$2,900,147)	<p>Current Scope: Eastgate Mobility Hub - This project includes planning, pre-design, final design, and construction of physical and information technology improvements at Eastgate Park and Ride. Improvements will include bicycle and pedestrian elements, circulation and safety elements, customer wayfinding elements, passenger amenities such as shelters and benches, accommodations for shuttles and other mobility services, and electronic terminals to broadcast real-time arrival information and allow for customer dispatch of mobility options.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134193	TDC FACILITY IMPR PLANNING PROGRAMMATIC		\$1,835,787	<p>Current 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>Budget Request Basis: This request is 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>
1134196	TDC REDMOND LAYOVER STANDALONE		(\$187,477)	<p>Current Scope: Redmond Layover - This project creates off-street layover facilities in conjunction with Transit Oriented Development (TOD) activities occurring at the Redmond Transit Center. Metro is currently partnering with the housing entity carrying out the development to acquire land and develop a concept for off-street layover on the TOD site.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>
1134197	TDC SAFE ROUTES TO TR INV RR PROGRAMMATIC		\$1,523,654	<p>Current Scope: Safe Routes to Transit Investment - This program works with cities to plan, design, and construct safe pedestrian and bicycle improvements to reach transit services and facilities and to support bike share to connect with transit. Improvements will include sidewalks, bikeways, safe crossings, traffic calming devices, lighting, traffic counters and other methods to enhance safety, comfort, and access. Projects will support RapidRide corridors and other existing and future services. Projects will be on jurisdiction rights-of-way, not Metro owned assets. Most projects will involve pass-through of funds to cities to design and construct improvements.</p> <p>Budget Request Basis: This request is based on existing grants, anticipated grants, funds from this CIP program allocated to agency priorities, and a post-2024 allocation to enable more opportunities to work with cities and match future grants.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134199	TDC CB BODY TO VM CONVERT STANDALONE		(\$7,600,000)	Current Scope: Central Base Body Shop to Vehicle Maintenance Conversion - This project involves the conversion of the Central Base body shop bays to vehicle maintenance bays and includes addition of mobile column lifts and required electrical infrastructure for lifts, addition of vehicle exhaust systems, lighting enhancements necessary for vehicle repair, addition of fall protection, additional of hose reels and fluid dispensing systems, and increase in lockers and cabinetry to support increased staff counts. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.
1134200	TDC CC BODY SHOP WELL CNTR STANDALONE		(\$2,822,701)	Current Scope: Central Campus Body Shop and Wellness Center - This project includes the construction of a four-bay body shop as well as an attached complex to support the administrative staff work areas, break space, and locker/shower/restroom facilities for the body shop personnel. The administrative side will also incorporate the permanent location for the Central Campus Wellness Center, as well as expansion of the Emergency Operations Control Center and the Security Monitoring Center, which are currently housed in the adjacent Transit Control Center and Central Parking Garage, respectively. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.
1134201	TDC COMFORT STATION KENT STANDALONE		(\$106,206)	Current Scope: Kent Comfort Station Kent - This project involves siting, design, and construction of one or two permanent comfort stations for Transit operators at a Kent Station layover area. There is one permanent restroom facility available for drivers at this high capacity rail and bus station. Project may be executed via partnership with Sound Transit or may develop as King County exclusive design/construction. Budget Request Basis: This project is no longer needed. The asset that would have been created by this project will now be created via a partnership with Sound Transit (ST) as part of the ST Link Integration program.
1134203	TDC COMFORT ST FUTURE #1 LBC STANDALONE		(\$1,100,000)	Current Scope: Future #1 Living Building Challenge (LBC) Comfort Station - For this project, Metro Transit participated in an eco-charrette with the International Living Futures Institute. This resulted in a recommendation that a comfort station project pursue the highest level Living Building Challenge Certification. Following the alternatives analysis, this project will involve siting, design, and construction of a permanent comfort station at a to-be-determined location. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134205	TDC COMFORT ST SLU ALOHA ST STANDALONE		\$0	<p>Current Scope: South Lake Union Aloha Street Comfort Station - This project involves the siting, designing, and constructing of a permanent comfort station for Transit operators at the South Lake Union Aloha Street layover area.</p> <p>Budget Request Basis: The budget request is based on cost metrics for three comfort station projects that have progressed to construction in 2018.</p>
1134206	TDC DT SEATTLE LF EASTLAKE STANDALONE		\$411,148	<p>Current 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 the 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>Budget Request Basis: This request is based on professional consultant estimates with additional knowledge of similar projects. Funding for this request is for design and implementation in 2021-2022.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134212	TDC KENT RENTON LF STANDALONE		\$5,794,380	<p>Current Scope: Kent Renton Layover Facilities - The project scope is to provide partnership payments to Sound Transit for the design and construction of off-street bus layover located at Kent Station (adjacent to) and South Renton Transit Center (within footprint). Design and construction will be led by Sound Transit as part of their ST3 projects for Kent Sounder Station and 405 BRT capital projects. Metro will establish funding agreements with Sound Transit to ensure completion of this work. Costs are currently estimated at the conceptual planning level by ST.</p> <p>Budget Request Basis: This is a series of partnership payments to Sound Transit to provide Metro with off-street layover facilities. The budget is based on planning-level conceptual designs completed by Sound Transit and vetted by Metro staff. Metro is budgeting up to \$5.3M for layover at the Kent Transit Center and \$6.6M for layover at the South Renton Transit Center as part cost-sharing agreements with Sound Transit to advance these projects through design and construction. An additional \$500,000 will be allocated to both Kent Transit Center and South Renton Transit Center for battery-electric bus (BEB) charging. All Metro staff time associated with reviewing design documents and ensuring Metro's project requirements are included in the ST Integration Programmatic Capital Planning project (1129636).</p>
1134213	TDC SBVM ANNEX IMPROV STANDALONE		(\$3,892,960)	<p>Current Scope: South Base Vehicle Maintenance Annex Improvements - This project involves outfitting, stocking, supply, and tenant improvement 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.</p> <p>Budget Request Basis: The lease portion of this project was moved out into a separate standalone project. This request removes excess budget.</p>
1134214	TDC FACILITIES IMPR ADMIN PROGRAMMATIC		(\$236,365)	<p>Current Scope: Facilities Improvement Program Administration - The program is a request for dedicated Metro Transit facilities improvements support for program planning, administrative oversight, and project implementation support for improvements at existing Metro facilities.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134215	TDC FACILITIES IMPROVEMENTS PROGRAMMATIC		(\$249,859)	Current Scope: Facilities Improvements - This program is a master project that supports Metro Transit operations and maintenance by adding new assets or by extending the lives of existing assets. The program improves transit operating facilities (bases, maintenance and support), their work environments for employees, and in certain cases, passenger facilities. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.
1134219	TDC NB GARAGE VENTILATION STANDALONE		\$565,339	Current Scope: North Base Garage Ventilation - This project is in response to an air quality study performed at the North Base parking garage. The air quality study was initiated after employee complaints were received at the base for "less than optimal" air quality within the bus garage. Scope of work includes design and installation for approximately 25 ceiling-mounted dilution fans rated at 10,000 cubic feet per minute of air each to improve airflow, associated controls and switches in the parking garage at North Base. Budget Request Basis: This budget is based on an alternatives analysis and conceptual design scope for 25 dilution fans rated at 10,000 cubic feet per minute of air each. Funding is for design and implementation in 2021-2022.
1134220	TDC OCG RELOCS & DISPLACMNTS STANDALONE		(\$22,479,556)	Current Scope: Current Scope: Operational Capacity Growth (OCG) Relocations & Displacements - This project is intended to capture relocation and displacement costs associated with clearing the South Annex Site in order to begin site preparation for the construction of the South Annex Base (project 1134223). The South Annex currently supports Metro Transit safety and training facilities, including classroom, office, driver training pad (skid pad), and employee parking. The South Annex is also utilized as a storage yard for new buses, decommissioned buses, spare fleet, historic fleet, and facilities shelter and maintenance equipment. This project will fund purchase of land, leases, and relocation costs. Budget Request Basis: This project has been split into various standalone projects to address relocations and displacements involved with Operational Capacity Growth (OCG). This request removes excess budget.
1134222	TDC SECURITY ASSESSMENT PROGRAMMATIC		(\$377,758)	Current Scope: Security Assessment - This project includes a Metro Transit-wide updated threat and vulnerability assessment to be conducted by a consultant team. The goal of this study is to document security risks and provide recommendations for planning future security projects. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134223	TDC SOUTH ANNEX BASE STANDALONE		\$45,396,953	<p>Current Scope: South Annex Base - Construction of a permanent 250 bus transit base on Metro owned property called the South Annex. The 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. The project will include development of full scope definition, contracting of design consultant, and contracting of construction contractor.</p> <p>Budget Request Basis: Standalone - The requested appropriation will support the alternatives analysis and design phase of the projects with out years funding supporting construction and transition to operations.</p>
1134225	TDC SOUTH BASE SUBSTATION STANDALONE		(\$6,490,000)	<p>Current Scope: South Campus Substation for Electric Bus Charging - This project includes siting, design, and construction of a substation and bus charging power supply components in partnership with Seattle City Light to support the charging needs of Metro's initial deployment of electric buses into revenue service.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>
1134226	TDC WELLNESS CENTERS PROGRAM STANDALONE		(\$604,000)	<p>Current Scope: Wellness Centers - This project is to define space and locations to best serve as Wellness Centers for Metro Transit employees and plan and implement new and/or reconfigured space(s) to accommodate Wellness Center function.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>
1134229	TDC FACIL IMPR PLANNING PROGRAMMATIC		\$0	<p>Current Scope: Passenger Infrastructure Planning - This project is for the program development of projects within the Passenger Infrastructure Sub Portfolio. Program management activities will also be responsible for ensuring adequate coordination with Metro service planning. Staff will conduct program management activities including: prioritization of projects within programs, 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 complimentary manner; and tracking interdependencies and coordinating with projects in other programs.</p> <p>Budget Request Basis: This budget request is 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>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134230	TDC LIVING BLDG CERTF RR ST STANDALONE		\$211,882	<p>Current Scope: Living Building Certified RapidRide Station - 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.</p> <p>Budget Request Basis: This 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	TDC NGATE LINK AND U LINK IMP STANDALONE		\$942,249	<p>Current 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 include funding for a signal at NE 67th and Roosevelt to ensure a safe pedestrian environment and create a reliable pathway and will be delivered by the Seattle Department of Transportation as a partnership project. These projects will be delivered as a partnership, with cost-sharing between Metro, SDOT, and ST.</p> <p>Budget Request Basis: This new project is pulling scope out of the existing Sound Transit 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134232	TDC 3D AVE YESL TO MAIN STANDALONE		(\$1,550,647)	<p>Current Scope: 3rd Avenue Yesler Way to Main St Block Face Improvement - This project is a standalone project that builds on a larger scale project known as the Third Avenue Transit Corridor Improvement and RapidRide Facilities project (1116745). It provides bus stop, streetscape and transit street priority improvements to a portion of the region's primary transit corridor – Third Avenue between S. Jackson Street and Denny Way in Seattle. The current scope includes design and construction of a new bus stop, streetscape, and roadway between S Main St and Yesler Way/Prefontaine Place South. This work builds on 30% design that was done for the entire corridor between Jackson and Denny under 1116745.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1134235	TDC REGNAL TR INTEGR PR MGMT PROGRAMMATIC		\$0	<p>Current Scope: Regional Transit Integration Program Management - This project includes planning for capital programs and projects within the Regional Transit Integration Sub Portfolio. The Regional Partnership Integration Sub Portfolio contains the following programs: Partnerships and Transit Oriented Communities. 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. Ongoing monitoring of projects for progress and changes and tracking interdependencies allows for ongoing coordination of projects in other programs.</p> <p>Budget Request Basis: This request 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. This includes a modest amount of professional services to augment staff expertise.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134237	I LINE STANDALONE		\$106,894,129	<p>Current Scope: Auburn Transit Center to Renton Transit Center RapidRide - 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 - 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. This budget does not include vehicles.</p> <p>Budget Request Basis: 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. Acquisition expenditures are aligned with when acquisition activities are expected to take place.</p>
1134238	TDC DUCT LEASE STANDALONE		(\$2,091,896)	<p>Current Scope: Duct Lease - This project supports the annual billing from Seattle City Light for the lease of ducts and vaults around the City of Seattle. These have previously billed to Project 1130328 TDC Harrison Duct Replacement which utilized this lease as a mitigation to additional duct construction.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>
1134239	TDC CB VM PH2 BUS LIFTS STANDALONE		\$2,385,223	<p>Current Scope: Central Base Vehicle Maintenance Phase 2 Bus Lift Replacement - This project includes replacement of one Stertil Koni Omer parallelogram lift.</p> <p>Budget Request Basis: 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 budget requested is necessary to cover total project costs through completion in 2022.</p>
1134240	TDC AB YARD REFURB STANDALONE		\$38,858,805	<p>Current 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>Budget Request Basis: 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134242	TDC SBVM HVAC REPL STANDALONE		\$1,085,331	<p>Current 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>Budget Request Basis: The 2021-2022 funding request will support project planning through approximately 60% design. 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>
1134243	TDC SF MAINT HVAC REPL STANDALONE		\$2,613,148	<p>Current Scope: South Facilities Maintenance HVAC Replacement - This project will support the replacement of the South facilities air handlers (HVAC) and dust collection systems.</p> <p>Budget Request Basis: Funding will support the complete replacement of the asset with implementation in 2021-2022. 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	TDC BB WASH PH2 BUS LIFT STANDALONE		\$428,217	<p>Current 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>Budget Request Basis: Funding will complete the planning and preliminary design for the project in 2022, with final design and implementation occurring in the 2023-2024 biennium. 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>
1134246	TDC AB VM PH2 BUS LIFTS STANDALONE		\$2,762,630	<p>Current 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 Stertil Koni Omer Parallelogram Lifts at Atlantic Base.</p> <p>Budget Request Basis: The 2021-2022 funding request 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	TDC CB WASH VAC REPLAC STANDALONE		(\$1,578,768)	<p>Current Scope: Central Base Wash and Vacuum Replacement - This project will support the replacement of the Central Base wash and vacuum system and wash building interior systems, including fire alarm, ventilation, compressed air distribution, power, and piping.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134248	TDC BBFW WASH VAC REPLAC STANDALONE		(\$1,609,774)	Current Scope: Bellevue Base Fuel and Wash Vacuum Replacement - This project will support the replacement of Bellevue Base wash and vacuum system and wash building interior systems, including fire alarm, interior heaters, exit lighting, and power distribution. Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.
1134249	TDC EB WASH REPL STANDALONE		\$1,671,144	Current Scope: East Base Wash Replacement - This project will replace East Base bus vacuum system and power components as needed. Budget Request Basis: The 2021-2022 funding request 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. Additionally, KPFF Consulting Engineers completed an analysis in December 2017 in which they provided an updated ROM cost for construction.
1134250	TDC NB WASH REPLAC STANDALONE		\$1,656,797	Current Scope: North Base Wash Replacement - This project replaces the North Base bus vacuum system and power components as needed. Budget Request Basis: The 2021-2022 funding request 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. Additionally, KPFF Consulting Engineers completed an analysis in December 2017 in which they provided an updated ROM cost for construction.
1134251	TDC RB WASH VAC REPLAC STANDALONE		\$1,671,144	Current Scope: Ryerson Base Wash Vacuum Replacement - This project will support replacement of Ryerson Base vacuum bus system and power components as needed. Budget Request Basis: The 2021-2022 funding request 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. Additionally, KPFF Consulting Engineers completed an analysis in December 2017 in which they provided an updated ROM cost for construction.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134261	TDC BLD MGMT SYSTEM REPL STANDALONE		\$1,644,882	<p>Current Scope: Building Management Systems Replacement - This project will replace the building management system control and monitoring components at up to six locations. It is assumed these locations may be Bellevue Base, Power Distribution HQ, North Facilities, Van Distribution Center, Information Distribution Warehouse and Wellness Center. These locations are subject to change based on alternatives analysis findings.</p> <p>Budget Request Basis: The 2017 Building Automation Controls Assessment was used to formulate original budget assumptions for this project. The requested funding for 2021-2022 is for implementation for up to five locations. Additional transit facilities' building management systems may be replaced on their respective HVAC replacement projects planned for implementation 2021-2028.</p>
1134262	TDC EB YARD LIGHT REPL STANDALONE		\$1,185,682	<p>Current 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>Budget Request Basis: Budget estimate was generate by in house engineering analysis. The 2021-2022 budget request funds design through closeout.</p>
1134265	TDC ROUTINE EQUIP RPL 2019-20 STANDALONE		\$540,405	<p>Current Scope: Equipment Replacement - This program for supports the replacement of major and minor equipment at Metro Transit Facilities. The major equipment replacements includes air compressors at Atlantic, Ryerson, and South facilities; crane replacement at South Base; pump stations for non-revenue vehicles; generators at South Base; and parts steamers at Bellevue and North Bases. The program also includes approximately 15-20 minor equipment replacements across the system.</p> <p>Budget Request Basis: This program budget request is based on historical and engineering cost estimates of the projects in its work plan. There are approximately 15 minor equipment assets and approximately 10 major equipment asset replacements anticipated on this project.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134274	TDC ZERO EM INFRA PLANNING STANDALONE		\$667,474	<p>Current Scope: Battery Electric Bus & Non-Revenue Vehicle Planning - This program is for the overall planning and programming of the vehicle infrastructure facilities needs to support a zero-emissions fleet. With the recent investment of new trolley buses, the goal to be totally green by 2040, the expansion of the Zero Emission Vehicle (ZEV) infrastructure and environment, and the implementation of the Rapid Ride system, it is important to develop a Zero Emission Vehicle Infrastructure Program within King County Metro to address the increasing workload, complexity, and the necessity of developing a strategic, system wide plan for the future of the Zero Emission Vehicle Infrastructure.</p> <p>Budget Request Basis: The budget request is based on past costs in support of similar programs (like the Trolley infrastructure project/program). The budget costs identified here will support planning staff and consultant studies to establish and oversee the ongoing zero emission works.</p>
1134275	TDC MADISON CORRIDOR RESTR STANDALONE		\$2,028,642	<p>Current Scope: Madison Corridor Restructure - This project will support the design and construction of trolley infrastructure work that will need to be completed in support of trolleybus service restructure. 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. At the time of this budget process, the following trolley related projects are anticipated as part of the Madison Corridor Trolley Route restructure, in coordination with the implementation of the RapidRide G Line: 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>Budget Request Basis: The budget for this project is based on planning-level cost estimates to design and construct the new trolley infrastructure.</p>
1134276	TDC NE 43RD TROLLEY MODS STANDALONE		\$2,145,149	<p>Current Scope: NE 43rd Avenue Trolley Modifications - This project is for the planning, design, and 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). When the U-District Station opens in spring 2021 (at the northeast corner of Brooklyn Ave and NE 43rd Street), this new trolley pathway will create the opportunity to provide a seamless transfer environment between bus-bus and bus-rail for riders by implementing one-way, westbound trolley wire along NE 43rd Street (between 15th Ave NE and 12th Ave NE) to 12th Ave NE (between NE 45th St and NE 43rd St).</p> <p>Budget Request Basis: The 2021-2022 funding request is based on previous years expenses for trolley project requests from our partners, as well as estimates based off of planning for this project.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134277	TDC NRV BATTERY INFRASTR PROGRAMMATIC		\$490,787	<p>Current Scope: Non-revenue Vehicle (NRV) Battery Infrastructure - This project will build charging infrastructure to support electrification of Metro's light duty fleet. The project will plan, design and implement infrastructure to support Level II and Level III chargers at various Metro Transit facilities including Transit Bases and Facilities Maintenance shops. The project does not include the electric vehicles themselves and may include agreements to lease or purchase the chargers. Metro previously installed EV charging equipment at public and non-Metro parking facilities and this project will upgrade that equipment as needed. New EV charging sites are expected to be available beginning in 2021.</p> <p>Budget Request Basis: The 2021-2022 biennium funding is already established for this project at \$1.07m. This funding will be required to complete the first phase of charging infrastructure currently underway. Additional infrastructure to support light duty electric vehicle operations will be installed over time.</p>
1134280	TDC BEB CHRGRS EASTGATE PR #2 STANDALONE		(\$162,649)	<p>Current Scope: Eastgate Park & Ride Battery Electric Bus Chargers No2 & 3 - This project involves planning, design and construction of the second and third Battery Electric Bus (BEB) chargers at Metro's existing Eastgate BEB charging station. The new chargers will be capable of charging short-range battery electric buses, consistent with Metro's BEB fleet plan. The project includes a new multi-charger gantry, switchgear, and new power service to the site. The existing charger at Eastgate will be relocated to the new gantry for operational efficiency.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. Disappropriating remaining funds.</p>
1134281	TDC BEB CHRGRS REDMOND TC STANDALONE		(\$165,000)	<p>Current Scope: Redmond Town Center Battery Electric Bus Charger - This project is to complete the installation of a Battery Electric Bus short range charger at Redmond Town Center. This project involves planning, design and construction of the charger. The new charger will be capable of charging short-range battery electric buses, consistent with Metro's BEB fleet plan. The charger will be installed within the existing layover lanes at Redmond TC to integrate with current bus maintenance procedures.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134287	TDC RT 48 TROLLEY STANDALONE		\$6,075,014	<p>Current Scope: Route 48 Trolley - This project is a partnership project with the City of Seattle, is coordinated with the City roadway infrastructure improvements along 23rd Ave, and is in advance of future RapidRide improvements in this area. The trolley wire project installs two segments along 23rd Avenue in conjunction with Seattle Department of Transportation's (SDOT) project to improve this high ridership transit corridor. Each segment is just under a mile long. When complete, Route 48 Trolley will provide trolley service capability (now diesel) from Mt Baker Station to the University of Washington. This effort involves Metro completing the design, securing permits, bidding the work, and constructing the trolley infrastructure to complete the electrification.</p> <p>Budget Request Basis: The 2021-2022 budget is based on past years' expense trend for implementation of other trolley projects, partner discussions, and preliminary consultant analysis information. Costs include design, securing permits, bidding the work, and constructing the trolley infrastructure to complete the electrification.</p>
1134288	TDC TROLLEY MASTER DRAWING STANDALONE		\$3,085,223	<p>Current Scope: Trolley Master Drawing Program - This program is in support of the development of a complete set of trolley infrastructure design drawings. Through the project, Transit will hire a consultant that will partner with internal staff to develop drawings both in a hard copy format as well as in standard CAD system software format. There are over 90 miles of Trolley Infrastructure including poles, wire, switches, sub stations, power transformers, etc., and Transit has no complete system of record for the infrastructure of this \$1B asset. Once established, the master drawings will be reviewed and updated at least every 5 years.</p> <p>Budget Request Basis: This request is the estimated cost to fund a consultant and internal staff development drawings both in a hard copy format as well as in standard CAD system software format for the over 90 miles of Trolley Infrastructure including poles, wire, switches, sub stations, power transformers, etc.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134289	TDC TROLLEY PLANNING STANDALONE		\$606,369	<p>Current Scope: Current Scope: Trolley Planning - This project is for the ongoing planning and project development of a functioning Trolley Expansion Program. The Trolley Planning Program will conduct planning to identify trolley projects that involve permanent modifications or expansions of Metro Transit's trolley system. This program will also provide overall management of the Trolley program of projects, including general project oversight and guidance. This work supports Metro's goal to achieve a 100% zero-emissions bus fleet.</p> <p>Budget Request Basis: The budget requested for this program over the 10-year CIP 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. The budget requested is necessary in order to cover these costs through the end of the 10-year CIP; budget authority is also needed in order to sign consultant contracts that will support planning efforts. Total project cost (Estimate at Completion) has decreased by about 8% from the previous 10-year budget request for FY18-27, largely due to a better understanding of staff level-of-effort needs during the current biennium.</p>
1134293	TDC MCDP CORRIDOR #1 STANDALONE		(\$348,301)	<p>Current Scope: Metro Connects Development Plan Corridor #1 - This project will improve transit performance and quality of service on a new line connecting Covington to SeaTac airport via Kent Station, comparable to existing Routes 180 and 168 (Line 1514 per METRO CONNECTS service network). Improvements include traffic signal retiming, traffic operation changes at selected intersections, signal queue jumps and bypass lanes for buses to get ahead of queued traffic at busy signalized intersections, improved bus access, layover circulation and facilities, and bus zone improvements.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134294	TDC S KING COUNTY CORR BUD PROGRAMMATIC		\$7,196,555	<p>Current Scope: South King County Corridor Improvements - This project will implement transit speed and reliability improvements along south King County Metro Routes 165 (new) and 181. The project's scope includes the planning, design, construction of speed and reliability treatments but not limited to bus lanes, bus lanes and signal queue jumps, turning restrictions, bus bulbs, signal timing optimization, transit signal priority, access to bus stops, layover, and other treatments to enhance bus operations. Project goals include improving transit service reliability, reducing the peak hour travel times by 5-10% for Routes 165 and 181, increasing transit ridership, and improving access to transit in areas where needs are the greatest. The corridors were identified as a future RapidRide corridors by 2040 in Metro Connects (2017), King County Metro's long-range public transportation plan and in agency initiatives.</p> <p>Budget Request Basis: This corridor was identified in the Need + Speed initiative in 2019 as a priority for speed and reliability upgrades. Planning and identification of those early speed and reliability improvements will occur in 2020-2021 and design and implementation in 2022-2024. Projected spending includes fully burdened staff time for planning, design, construction and professional services as necessary. The estimated cost is based on past experience with similar projects.</p>
1134296	TDC MCDP LCL AGENCY PARTSHIP PROGRAMMATIC		(\$450,717)	<p>Current Scope: Metro Connects Development Plan Local Agency Partnerships - This project is designed to invest in transit operational improvements utilizing two scenarios. Scenario 1) This fund is designated as Metro's contribution to local agency partners. Metro will provide speed and reliability capital investment for frequent, express, and local services. The local agency will lead the planning, design, and implementation for speed and reliability improvements. Scenario 2) Metro will lead capital project delivery for capital investments. Each local partner agency will have the option to select the capital delivery mechanism, assuming Metro has staff resources and capacity to deliver.</p> <p>Budget Request Basis: This project was cancelled. Disappropriating remaining funds.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134297	TDC SPEED AND RELIAB PLANNING PROGRAMMATIC		\$974,310	<p>Current 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.</p> <p>Budget Request Basis: This budget request includes professional services and staffing within the Speed and Reliability capital planning group, as well as funding for the program management efforts to identify and prioritize corridors needing capital investments in the next three biennia. Investment packages for each biennium will be prioritized and ranked through a comprehensive assessment and in collaboration with the Mobility Division to ensure the outcome is consistent with the future service level investments, and that they meet the Mobility Framework guidelines and are consistent with the current needs and METRO CONNECTS vision whenever possible.</p>
1134298	TDC C-D ENHANCEMENTS STANDALONE		\$19,224,934	<p>Current Scope: C & D-Line RapidRide Enhancement - This project will support the implementation of speed and reliability improvements and improved passenger amenities along the existing RapidRide C and D Lines.</p> <p>Budget Request Basis: This project is being funded by Sound Transit. The project is the direct result of the Sound Transit 3 vote and is characterized by Sound Transit as an early win project. This categorization is given to projects that are anticipated to be complete prior to 2024.</p>
1134326	TDC ABFW VAC REPL STANDALONE		\$2,715,093	<p>Current Scope: Atlantic Base Wash Systems Refurbishment - This project refurbishes multiple components of fuel and wash systems at Atlantic Base. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: The 2021-2022 funding request 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. 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134328	TDC ROUTINE EQUIP RPL 2021-22 STANDALONE		\$4,545,160	<p>Current Scope: Equipment Replacement - This routine project supports the replacement of major equipment at Metro Transit Facilities 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 2016 Transit Facilities Conditions Needs Report completed by a third party consultant and quality controlled by Transit's Engineering Unit.</p> <p>Budget Request Basis: This routine project budget request is based on historical and engineering cost estimates of the projects in its work plan. There are approximately 10 major equipment asset replacements anticipated in 2021-2022. This biennium's funding request will support planning through implementation.</p>
1134329	TDC FURNITURE REPL 2021-22 STANDALONE		\$233,582	<p>Current Scope: Furniture Replacement - This program is to replace furniture that is past the end of its useful life or in poor condition. Initial purchases are planned to replace furniture located in the operator's lounge, general seating and quiet room areas at Metro Transit bases. Additional locations may be considered for furniture replacement as furniture conditions are assessed at all locations.</p> <p>Budget Request Basis: This routine project's budget request is based on previous years' actual project costs. Projects anticipated in 2021-2022 are replacement of furniture located in operators' lounges, general seating areas, and quiet rooms at Metro Transit bases. The 2021-2022 budget is anticipated to replace furniture at one base. Additional locations to be reviewed pending remaining available budget in 2022 and condition assessment of furniture at remaining sites.</p>
1134330	TDC SHELTER REFURB 2021-22 STANDALONE		\$3,773,535	<p>Current Scope: 2021-2022 Shelter Refurbishment - This project is for investments in 2021-2022 associated with the ongoing state of good repair maintenance program to refurbish 140-160 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. Specific locations will be developed in the next budget cycle.</p> <p>Budget Request Basis: The budget appropriation request provides the project with all of the necessary resources to insure that it is successful. Careful consideration has been taken to benchmark previous years expense trends, averaging \$1.8 to \$2 million per year to meet targets for labor requirements, materials, supplies, and the equipment needed for the 2021-2022 biennia. Also in consideration are anticipated additional expenses for Rapid Ride refurbishment. The budget also anticipates increases in materials with recent imposed tariffs, new materials contracts, as well as labor wage increases.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134331	TDC ROUTINE EQUIP RPL 2023-24 STANDALONE			\$0 Current Scope: 2023-2024 Equipment Replacement - This is a placeholder for the routine project of Transit's equipment replacement for the 2023-2024 biennium. Budget Request Basis: This routine project budget request is based on historical and engineering cost estimates of the projects in the work plan. There are approximately 10 major equipment asset replacements anticipated in 2023-2024.
1134332	TDC FURNITURE REPL 2023-24 STANDALONE			\$0 Current Scope: Furniture Replacement - This program is to replace furniture that is past the end of its useful life or in poor condition. Initial purchases are planned to replace furniture located in the operator's lounge, general seating and quiet room areas at Metro Transit bases. Additional locations may be considered for furniture replacement as furniture conditions are assessed at all locations. Budget Request Basis: This routine project's budget request is based on prior years' actual project costs and vendor estimates.
1134333	TDC SHELTER REFURB 2023-24 STANDALONE			\$0 Current Scope: 2023-2024 Shelter Refurbishment - This is a placeholder project for investments in 2023-2024 associated with the ongoing State of Good Repair maintenance program to refurbish 160-180 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 will be developed in the next budget cycle. Budget Request Basis: The budget appropriation request for the Shelter Refurb project provides the project with all of the necessary resources to ensure that it is successful. Careful consideration has been taken to benchmark 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 biennium. Also in consideration are anticipated additional expenses for Rapid Ride Refurb.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134354	TDC ROUTINE FAC IMP 2021-22 STANDALONE		\$1,761,764	<p>Current Scope: The Facilities Improvements program is routine capital project that 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, regulations, to name a few of the criteria for proposed projects. The program improves transit operating facilities (bases, maintenance and support), their work environments for employees, and in certain cases, passenger facilities. Where feasible, ideally the sub projects will be packaged with other projects to minimize disruption to operations.</p> <p>Budget Request Basis: 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>
1134357	TDC ROUTINE FAC IMP 2023-24 STANDALONE		\$0	<p>Current Scope: Routine Facility Improvements - The Facilities Improvements program is routine capital project that 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, regulations, to name a few of the criteria for proposed projects. The program improves transit operating facilities (bases, maintenance and support), their work environments for employees, and in certain cases, passenger facilities. Where feasible, ideally the sub projects will be packaged with other projects to minimize disruption to operations.</p> <p>Budget Request Basis: 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>
1134363	TDC EB OPS HVAC REPL STANDALONE		\$0	<p>Current Scope: East Base Operations HVAC Replacement - This project replaces the HVAC systems at Base Ops/Maintenance buildings at East Base. The timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>
1134365	TDC SB CSC HVAC REPL STANDALONE		\$0	<p>Current Scope: South Base HVAC Replacement - This project funds replacement of multiple components of the HVAC systems at South Base. Timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>
1134367	TDC NB VM BUS LIFTS REPL STANDALONE		\$0	<p>Current Scope: North Base Lift Replacement - This project includes replacement of the rotary post axle lifts and rotary post platform lifts at North Base. The timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134368	TDC SB VM BUS LIFTS REPL STANDALONE		\$0	Current Scope: South Base Vehicle Maintenance Bus Lift Replacement - This project includes replacement of the rotary post axle lifts, rotary post platform lift and custom post platform lifts at South Base. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134369	TDC SB CSC LIFTS REPL STANDALONE		\$0	Current Scope: Component Supply Center Lift Replacement - This project includes replacement of the custom platform table lifts and custom platform post lift at Component Supply Center. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134374	TDC SB NRV VEH FLD REPL STANDALONE		\$1,050,593	Current Scope: Vehicle Fluids Distribution System Replacement - This project includes: 1) South Base– 500' of 1" Steel Pipe and associated fittings and 2 sets of hose reels; 2) Bellevue Base – 500' of 1" Steel Pipe and associated fittings and 2 sets of hose reels; and 3) Central Base/NRV – 500' of 1" Steel Pipe and associated fittings and 2 sets of hose reels. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: The 2021-2022 funding request is expected to support the complete project cost. 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.
1134376	TDC ROUTINE BLD ENV RP 2021-22 STANDALONE		\$695,260	Current Scope: 2021-2022 Roof Replacement Placeholder - This is a placeholder project for investments in the 2021-2022 Roof Replacement Program including: 1) Central Base Fuel Building; 2) Central Base Maintenance West Canopy; 3) Bellevue Base Fuel Building Closure Plate Installation. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: The 2021-2022 funding request is expected to support the complete project cost. 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.
1134377	TDC OA FIRE SYST REPL 2023-24 STANDALONE		\$0	Current Scope: Fire Control System Replacement Placeholder - This is a placeholder project for future routine replacement of fire control systems at multiple Transit locations. The scope assumes replacements and/or repairs of the fire system, including but not limited to: sprinkler heads, piping, alarms, dry riser system(s), valve(s) and associated components. Locations will be confirmed in future budget cycle. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134380	TDC NF & PD UST REPL STANDALONE		\$896,367	<p>Current Scope: Fuel Storage Tank Replacement - This project is for planned replacement of fuel storage tanks at North Facilities and Power Distribution. The timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: 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 2021-2022 funding request is expected to support final design and implementation of the tank replacement or tank lining.</p>
1134385	TDC OA TROLLY PWR REPL STANDALONE		\$0	<p>Current Scope: Trolley Power Delivery System Replacement - This project for the routine replacement of power delivery system components at several substations. Assumed substations per condition assessment recommendations are: Allison, Davy Jones, and Galer. The timing is consistent with Metro's Transit Asset Management Plan.</p> <p>Budget Request Basis: The 2021-2022 funding request is expected to support the complete project lifecycle. 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>
1134386	TDC ROUTINE PAV REPL 2021-22 STANDALONE		\$3,532,047	<p>Current Scope: Routine Paving Repair 2021 to 2022 - This project includes the repair and replacement of asphalt and concrete paving at Metro transit facilities including bases and park & rides.</p> <p>Budget Request Basis: 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. The 2021 -2022 funding request 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>
1134388	TDC 2021 OBS-CCS REFRESH STANDALONE		\$0	<p>Current Scope: Upgrade 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.</p> <p>Budget Request Basis: The requested budget will fund the effort from project start up and planning detailed design, hardware and software procurement, and implementation.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134389	TDC 2021 TBIRD FUTURE PHAS STANDALONE		\$0	Current Scope: Complete Buildout of Transit's Business Intelligence System - This placeholder project funds future anticipated work necessary to complete the build out of Transit's Business Intelligence data warehouse and capabilities. The current TBIRD project scope does not include funding for all systems to be included and anticipates that additional resources and time will be required. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134391	TDC 2027 TR CNTRL CNTR SYS STANDALONE		\$0	Current Scope: 2027 Transit Control Center System - 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, as well as life safety concerns. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134392	TDC 2027 TR RADIO SYS REFR STANDALONE		\$0	Current 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. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134394	TDC CUST INFO MGMT PRGRM STANDALONE		\$0	Current 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 One Bus Away, and 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. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134396	TDC MOBILITY TEC PRGRM PROGRAMMATIC		\$0	Current Scope: Mobility Technology Tools - This placeholder project will provide necessary technology tooling for Metro's newly emergent mobility programs. Specific investments will be identified in future budget cycles. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134398	TDC SAFETY AND SECURITY PR STANDALONE		\$0	Current 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. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134399	TDC SERV DELIV PROGRAM PROGRAMMATIC		\$0	Current 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. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134400	TDC SERVICE DESIGN PRGRM PROGRAMMATIC		\$0	Current 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. Implementation capital projects that this programmatic project will fund will enhance how we plan and schedule service to meet the needs of customers and advance equity issues around access to service. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1134660	TDC OS LAYOVER UNFORESEEN PROGRAMMATIC		(\$200,000)	Current Scope: Unforeseen Off-Street Layover Design - The Off Street Layover Unforeseen project provides for design work to address off street layover needs that emerge during the biennium. This funding will provide for staff and consultant resources as needed to explore alternative solutions to address layover needs, and to begin design work for implementing changes. Budget Request Basis: This project was cancelled. Disappropriating remaining funds.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134661	TDC SGR UNFORESEEN PRJ PROGRAMMATIC		\$293,195	<p>Current 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. This project has been allocated to replace a failed HVAC unit at the Component Supply Center facility, with construction completed in 2021.</p> <p>Budget Request Basis: The budget request is based on a rough order of magnitude estimate generated by a third party consultant.</p>
1135061	TDC 3RD AVE IMPROVEMENTS STANDALONE		\$1,600,690	<p>Current Scope: Third Avenue Transit Corridor Improvement - This project completes the design and constructs transit improvements in the vicinity of 3rd Avenue and Denny Way. These include a new transit-only signal, pole and associated sidewalk and roadway improvements at the intersection of 3rd Avenue and Denny Way, and the addition of overhead catenary system (OCS) infrastructure in the westbound direction along Denny Way between 3rd Avenue and First Avenue N. The project reached 100% design in April 2020 and under the current project schedule will be substantially complete by July 2021. This project is a component of a 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>Budget Request Basis: The current budget uses an engineering estimate completed at 100% design. Staff hours are estimated to reach project completion, based on historical Metro and City of Seattle costs to deliver projects of similar scope and complexity.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1137063	TDC INTERIM BASE BEB CHARGERS STANDALONE		(\$5,600,000)	<p>Current Scope: Interim Base Battery Electric Bus Chargers - Funding is requested to perform feasibility study and design of charging infrastructure to support 50 Battery Electric Buses (25 @ 40' Buses and 25 @ 60' Buses) that can be constructed by September 2021 and 120 Battery Electric Buses (60 @ 40' and 60 @ 60') that can be constructed by September 2022. The commissioning and testing of the infrastructure is expected to occur after September 2021. The funding will also support the design of a prototype bus charging station as well as procuring and installing 2 Prototype Bus Chargers. The project focuses on the development of infrastructure that is demountable and can be re-used at South Annex Base or future conversion sites as interim base is expected to be a limited life facility. Efforts should be made to minimize any sunk cost with interim base electrification while still supporting the intention to beta test operation of an electric bus base.</p> <p>Budget Request Basis: Appropriation being re-allocated to project 1134282 - TDC BEB CHRGRS SB TEST FACIL.</p>
1139239	TDC MAR WS MOBIL TRANSIT HUB STANDALONE		\$1,236,872	<p>Current Scope: West Seattle Mobile Transit Hub - This project will plan, site, permit, design, and construct a mobility hub facility that would accommodate vehicle parking and transit bus/shuttles, bike and pedestrian access for transit connections to Water Taxi service operating at Seacrest Dock. This project is complementary to and independent of the proposed West Seattle Terminal Replacement project.</p> <p>Budget Request Basis: This proposal requests funding for the planning, preliminary engineering, environmental review, and construction during the 2021-2022 budget cycle for a West Seattle Mobility Transit Hub. Metro Transit and its Marine Division are broadening the site evaluation to include Metro service planning with long range planning guidance from METRO CONNECTS to ensure the concept of the mobility hub aligns with the future transportation vision. This will involve collaboration with the City of Seattle and other agency partners to develop a more holistic approach to West Seattle transportation service and placement of a mobility hub and terminal. A project engineer's cost estimate, including construction, project management, design, environmental review, and permits, was completed in April 2018. This cost estimate will be reevaluated once the site has been finalized.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139321	TDC FAC COND ASSMT 25-26 STANDALONE		\$0	<p>Current 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>Budget Request Basis: The budget request is based on the awarded value of the work order contract plus employee costs for internal engineering support. As part of Metro's move to have fewer large programmatic projects to improve transparency and accountability, this project is being converted from a subproject to a master programmatic project or to a standalone project.</p>
1139322	TDC EMERALD GATEWAY LEASE STANDALONE		\$23,975,514	<p>Current Scope: Current Scope: Emerald Gateway Lease - Prologis has assembled and plans to develop a 62-acre site located approximately 1.3 miles north of the current South Annex property. An approximately 7.5-acre portion of this site at the corner of E. Marginal Way S. and S. Norfolk St. is not planned for near term development and has signed a 12-year lease to Metro for a portion of the property for the purposes of siting the displaced Safety & Training Center until Metro can identify a permanent relocation for that function. This project supports Metro's portion of the lease payments associated with that property and is part of a split out and disappropriation of 1134220 - TDC OCG RELOCS & DISPLACMNTS.</p> <p>Budget Request Basis: The funding request will support lease payments this biennium to enable Metro to begin operation at the facility. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>
1139323	TDC HOLGATE YARD LEASE STANDALONE		\$190,334	<p>Current Scope: Holgate Yard Lease - This project provides ongoing lease payments and decommissioning cost for the Holgate Yard Lease which enabled the necessary dieselization of Route 70 during construction by providing an additional capacity for storing additional Metro buses at Central/Atlantic prior to completion of the Central Base Expansion Project</p> <p>Budget Request Basis: This budget request is based on the negotiated lease cost for the yard space. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139324	TDC SBVM ANNEX LEASE STANDALONE		\$4,245,109	<p>Current Scope: 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.</p> <p>Budget Request Basis: This budget request is based on the negotiated lease rates for the facility in the County Council approved lease package. Tenant Improvements and other outfitting/move/start up cost are captured in 1134213.</p>
1139325	TDC SHELTER YARD LEASE STANDALONE		\$315,355	<p>Current Scope: Shelter Yard Lease - This project supports 28 months of lease payments for relocation of shelter assets from their current storage yard at South Annex to a short term leased property adjacent to South Facilities. This project is part of a split out and disappropriation of 1134220 - TDC OCG RELOCS & DISPLACMNTS.</p> <p>Budget Request Basis: This budget request is based on the established lease cost from the negotiated short-term lease. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>
1139326	TDC EV CHRNGNG PRG BUD PROGRAMMATIC		\$2,084,743	<p>Current 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.</p> <p>Budget Request Basis: This funding will be required to continue to implement light duty vehicle charging infrastructure at transit facilities.</p>
1139330	TDC COMFORT STATION PLN STANDALONE		\$394,087	<p>Current Scope: Comfort Station Plan - This project is expected to re-evaluate Metro's approach to driver comfort stations and establish a plan for the development of future comfort stations to improve program efficiency, maximize program benefits while minimizing investment. The program will review comfort station service delivery alternatives and provide catalogued requirements.</p> <p>Budget Request Basis: This budget request is based on estimated internal resource requirements and consultant costs on similar bodies of work.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139331	TDC ROUTINE BLD ENV RP 2023-24 STANDALONE			\$0 Current Scope: 2023-2024 Overall Building Envelope Placeholder - This is a placeholder project for investments in the 2023-2024 Building Envelope Program. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: 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.
1139332	TDC ROUTINE BLD ENV RP 2025-26 STANDALONE			\$0 Current Scope: 2025-2026 Overall Building Envelope Placeholder - This is a placeholder project for investments in the 2025-2026 Building Envelope Program. The timing is consistent with Metro's Transit Asset Management Plan. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only. 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.
1139333	TDC TROLLEY POLES 2023-24 STANDALONE			\$0 Current 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. Budget Request Basis: There is no budget request for 2021-2022. 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.
1139334	TDC TROLLEY POLES 2025-26 STANDALONE			\$0 Current 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. Budget Request Basis: There is no budget request for 2021-2022. The 2025-2026 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.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139335	TDC TRAINING RELOC STANDALONE		\$4,726,628	<p>Current Scope: Training Relocation - Prologis has assembled and plans to develop a 62-acre site located approximately 1.3 miles north of the current South Annex property. An approximately 7.5-acre portion of this site at the corner of E. Marginal Way S. and S. Norfolk St. is not planned for near term development and has signed a 12-year lease to Metro for a portion of the property for the purposes of siting the displaced Safety & Training Center until the South King County Base Project can be constructed to include the permanent relocation for that function. This project will support payment for the Build-To-Suit facility, and ancillary cost with outfitting the building and relocating the occupants of the current facility. This project is part of a split out and disappropriation of 1134220 - TDC OCG RELOCS & DISPLACMNTS.</p> <p>Budget Request Basis: This request will support build to suit cost and relocation cost to enable Metro to begin operation at the facility. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>
1139336	TDC TOH SWITCHES 2023-24 STANDALONE		\$0	<p>Current Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in five to 15 overhead switches and ancillary hardware being replaced annually.</p> <p>Budget Request Basis: There is no budget request for 2021-2022. 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	TDC TOH SWITCHES 2025-26 STANDALONE		\$0	<p>Current Scope: Trolley Overhead Switches - This program supports the maintenance, repair, and replacement of the trolley switches infrastructure. Past efforts have resulted in five to 15 overhead switches and ancillary hardware being replaced annually.</p> <p>Budget Request Basis: There is no budget request for 2021-2022. The 2025-2026 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>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139338	TDC CONSTRUC MGMT RELOC STANDALONE		\$2,998,726	<p>Current Scope: Construction Management Relocation - Acquire an alternative site for Metro's Construction Management Group, rezone the site to support appropriate functionality, and construct a new facility for Metro Construction Management. Additional site enhancements and modifications such as underground storage take removal, perimeter fence restoration, and general cosmetic repairs are included in this project.</p> <p>Budget Request Basis: This request will support this biennium's lease payments, build to suit cost, and relocation cost to enable Metro to begin operation at the facility. Out-years payments will support lease payments. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>
1139339	TDC STORMWATER UPGRADE STANDALONE		\$1,572,625	<p>Current Scope: Stormwater Upgrade - This project will improve storm water quality at Transit Base Sites with water quality treatment system improvements targeted at restoring acceptable water quality in the storm water discharge. Known issues that require remediation are present at Bellevue Base with suspected issues that may require remediation present at other transit facilities.</p> <p>Budget Request Basis: The requested appropriation is intended to support expedited design and construction of storm water mitigations.</p>
1139340	TDC SGR UNFORESEEN 2021 -22 STANDALONE		\$1,000,000	<p>Current 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>Budget Request Basis: This is a new routine Capital Project request for 2021 - 2022.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139341	TDC ROUTE 48 TPMC N+S STANDALONE		\$2,997,077	<p>Current Scope: Route 48 Transit Plus Multimodal Corridor - This project will design and construct transit speed and reliability improvements along King County Metro Route 48, a bus route operating between the University District and Mt Baker Transit Center, which travels through the Capitol Hill and Central District 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. Metro will work in partnership with SDOT to make these improvements, as part of Seattle's Transit-Plus Multimodal Corridor Program. The construction of improvements will be led by the Seattle Department of Transportation (SDOT), and King County Metro will implement any trolley wire modifications that could be needed. The project is expected to be completed in 2024.</p> <p>Budget Request Basis: 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; budget authority is needed in order to sign consultant and/or construction contracts and move forward with implementation. Total project cost (Estimate at Completion) has remained the same from the prior biennium.</p>
1139342	TDC SGR UNFORESEEN 2023 -24 STANDALONE		\$0	<p>Current 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>Budget Request Basis: This is a new routine Capital Project request for 2023 - 2024.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139343	TDC SGR UNFORESEEN 2025 -26 STANDALONE		\$0	<p>Current 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>Budget Request Basis: This is a new routine Capital Project request for 2025 - 2026.</p>
1139344	TDC ROUTE 40 TPMC N+S STANDALONE		\$1,031,094	<p>Current Scope: Route 40 Transit Plus Multimodal Corridor - This project will design and 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 planning, designing, and constructing transit speed and reliability treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, and other treatments to improve transit speed and reliability.</p> <p>Budget Request Basis: 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>
1139345	TDC ROUTINE PAV REPAIR 2023-24 STANDALONE		\$0	<p>Current Scope: Routine Paving Repair 2023 to 2024 - This project includes the repair and replacement of asphalt and concrete paving at Metro transit facilities including bases and park & rides.</p> <p>Budget Request Basis: 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. Funding in 2023 -2024 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>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139346	TDC ROUTE 44 TPMC N+S STANDALONE		\$3,071,602	<p>Current Scope: Route 44 Transit Plus Multimodal Corridor - This project will design and construct transit speed and reliability improvements along King County Metro Route 44, an electric trolley bus route operating in Seattle. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 44 corridor, as part of Seattle’s Transit-Plus Multimodal Corridor Program. The project is expected to be completed in 2023. The scope of these improvements will include design and construction of treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, trolleybus wire modifications, and other treatments to improve transit speed and reliability.</p> <p>Budget Request Basis: This requested appropriation will support the final design, implementation, and close-out phases of this project, including design and implementation of trolley wire modifications to support the project. Metro had previously been issued a \$3M WSDOT NL3 grant fund for the project. Projected spending includes fully burdened staff time, construction materials, and project contingency. The budget requested is necessary to cover total project costs through the anticipated completion date in 2024; budget authority is needed in order to sign consultant and/or construction contracts and move forward with implementation. Total project cost (Estimate at Completion) remains unchanged from the prior biennium.</p>
1139347	TDC ROUTINE PAV REPAIR 2025-26 STANDALONE		\$0	<p>Current Scope: Routine Paving Repair 2025 to 2026 - This project includes the repair and replacement of asphalt and concrete paving at Metro transit facilities including bases and park & rides.</p> <p>Budget Request Basis: 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. Funding in 2025 -2026 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>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139348	TDC S&R FOR SVC RESTRUCTURE STANDALONE		\$10,250,724	<p>Current Scope: Speed and Reliability for Service Restructure - This project supports implementation of speed and reliability spot improvements to support Metro's Mobility Plans (service restructure) and the Need + Speed Initiative. In 2021-2022, the project will focus on projects related to RKAAMP (September 2020), North Link Mobility Connections (March 2021), and East Link Mobility Projects (September 2023). The project also holds funding for future mobility plans beyond 2023. Small and low-cost projects typically involve implementing spot improvements at chokepoints where buses experience blockages or delays approaching intersections or merging back into traffic after serving a bus stop. Medium-cost projects include improvements like transit priority treatments for a portion of a high ridership route corridor, such as bus lanes along an arterial shared by several different routes, or re-timing traffic signals along a corridor. High-cost projects can be a variety of speed and reliability improvements along the entire length of a route corridor, such as transit signal priority and other major infrastructure improvements such as a lane widening project.</p> <p>Budget Request Basis: A portion of the budget that was previously identified in Project 1028830 (Transit Priority Improvements) in the 2019-2020 biennium is requested to be re-allocated to this project beginning in 2021-2022 to support spot improvement projects that specifically target Mobility Projects. Additional budget is requested to fund identified improvements needed to support the Renton-Kent-Auburn Area Mobility Plan (RKAAMP) and North Link Mobility projects. In the 2021-2022 biennium, planning and design work will begin for the East Link mobility projects.</p>
1139349	TDC ASSET MGMT SYSTEM REPL STANDALONE		\$15,358,326	<p>Current Scope: Asset Management - This project plans, designs, and implements a new enterprise asset management platform to consolidate the major vendor asset management systems in place today into a single, integrated solution. It will also replace a significant number of obsolete, limited-function, siloed asset management applications. The Asset Management project scope will build on the collection of requirements and recommendations by a consultant during 2020. The project will have the following major focuses: 1) Select and procure a single enterprise asset management (EAM) solution, 2) Consolidate the asset management portfolio by ingesting existing data and retiring redundant systems in the portfolio, 3) Deploy mobile devices for use by field technicians, 4) Streamline asset management business work flows across the organization, 5) Integrate purpose built asset management tools into the EAM, and 6) Establish a single system for managing staff time for maintenance activities that integrates with PeopleSoft. The project scope includes performing External QA review.</p> <p>Budget Request Basis: This budget request funds planning and design, with additional outyear requests planned for implementation.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139350	TDC BB VM BUS LIFT STANDALONE		\$1,973,895	<p>Current 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>Budget Request Basis: 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 budget requested is necessary to cover total project costs through completion in 2022.</p>
1139351	TDC MOB SIGN MGR TOOL UPGRD STANDALONE		\$0	<p>Current Scope: Sign Manager Tool Upgrade - The scope of the project would be to modernize and upgrade the Sign Manager Tool used by Metro's Transit Route Facilities (TRF) work group to manage signage information presented to the public. Upgrades will support TRF planners' ability to deliver service by keeping stop sign maintenance in pace with Metro's changing service landscape. This upgrade will also improve system performance, improve application supportability and to align the software with county technology standards.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>
1139352	TDC ST 405 BRT PSGR IMP STANDALONE		\$3,720,012	<p>Current Scope: Sound Transit 405 Bus Rapid Transit (BRT) Passenger Improvements - The purpose of this project is to improve transfer environments at three Sound Transit I-405 BRT stations. The stations are the Brickyard P&R Station, Totem Lake Station, and NE85th St Station. This project will design and construct Metro capital improvements to bus stops adjacent to Sound Transit's stations. 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. 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.</p> <p>Budget Request Basis: The budget request for 2021-2022 will fund improvements to six Metro bus stops total: two at Brickyard Station, two at Totem Lake Station, and two at NE 85th St Station.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139353	TDC GRIEVANCE TRACKING STANDALONE		\$1,238,700	<p>Current Scope: Grievance Tracking System - This project shall deliver a modern technology solution to manage the workflow and deadlines associated with the high volume of grievances processed at Metro. The solution will mitigate significant financial, administrative, and operational risk and deliver the following basic functions: Automated workflow; Records management and retention; Deadline notifications and alerts; Document storage; Processing notes and comments; Data reporting; and Advanced security.</p> <p>Budget Request Basis: Costs are estimated based on the basic requirements from stakeholders, vendor research results, input from technical staff, and prior project experience.</p>
1139354	TDC ST 405 BRT PRTNR STANDALONE		\$983,454	<p>Current Scope: Sound Transit 405 Bus Rapid Transit (BRT) Partnership - This project will contribute partnership cost-sharing funding to Sound Transit's I-405 BRT project. Payment to Sound Transit at the end of final design and at the end of construction are the primary elements of this project's scope. Staff time associated with project management, engineering review, interagency coordination, etc. are included in the ST Integration Programmatic Capital Planning project (1129636). The project will support Metro's commitments to a new South Renton Transit Center, providing Metro with six active bays and other transit center passenger facility components. This project scope does not include 10 new layover bays at the South Renton Transit Center. That is included in project 1134212.</p> <p>Budget Request Basis: The total budget request for 2021-2024 supports design of passenger facility infrastructure including 6 of 8 active bays on the transit island. Appropriation also supports other components including: the transit island, canopy, sidewalks, conduit, lighting, and comfort station.</p>
1139355	TDC ATIS TRAPEZE BACK END STANDALONE		\$0	<p>Current Scope: Current Scope: Trapeze Back End - This project is the backend for the Trapeze Trip Planner and call center tool.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>
1139356	TDC FIELD COMMUNICATION S STANDALONE		\$0	<p>Current 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>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139357	TDC CB YARD LIGHT REPL STANDALONE		\$2,750,464	<p>Current 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>Budget Request Basis: The budget estimate was generated by in-house engineering analysis and a third party consultant review. Funding in 2021-2022 is expected to support design through closeout.</p>
1139358	TDC SB YARD LIGHT REPL STANDALONE		\$2,490,927	<p>Current 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>Budget Request Basis: The budget estimate was generated by in-house engineering analysis and a third party consultant review. Funding in 2021-2022 is expected to support design through closeout.</p>
1139359	TDC VIDEO MGMT SYSTEM STANDALONE		\$11,749,645	<p>Current 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>Budget Request Basis: The project is requesting a new appropriation for planning, preliminary design, final design, development and 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. The 2019-2020 project was not estimated or planned in the appropriate detail and was also not planned within the Transit Technology Project Management Group. During the preliminary design phase, if Metro requirements can be met using an existing County solution, the project can skip the final design phase and the cost of the development and implementation Phase can be reduced. Costs estimated to be \$300,000 for External QA will be requested from contingency.</p>
1139360	TDC INCALL ACTIVE CALL DIST STANDALONE		\$0	<p>Current Scope: Incall Active Call Distribution - This project will upgrade the software that distributes customer calls through the Metro Customer Service call center.</p> <p>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139361	TDC MOB TICKET UPDATES STANDALONE		\$0	Current Scope: Mobile Ticketing Updates - Identify, assess, prioritize and implement updates to the Mobile Ticketing services. Updates include, but should not be limited to, new language options, improved user experience, additional business partnership capabilities, integration testing for third party as well as King County systems. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1139362	TDC MOB RR ACTIVE SRVS MGMT STANDALONE		\$0	Current Scope: Current Scope: RapidRide Active Service Management - RapidRide is Metro's solution to Bus Rapid Transit. Customers expect a high-level of service from the RapidRide branded service, including trips on a published interval. Active Service Management will allow Metro to manage the service as customers expect, based on frequency of service and intervals between trips. Budget Request Basis: here is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1139364	TDC 2025 RTIS REFRESH STANDALONE		\$0	Current Scope: 2025 Real Time Information Signs (RTIS) Refresh - The project will evaluate technology available for Real Time Information Signs, and implement a solution that best meets the county's needs. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1139365	TDC TRAPEZE REFRESH STANDALONE		\$0	Current Scope: Trapeze Refresh - This project is the trapeze Refresh used for Access paratransit scheduling. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.
1139366	TDC BUS OPS TCC REBUILD STANDALONE		\$0	Current Scope: Bus Operations Transit Control Center (TCC) Rebuild - Expand and modernize the TCC to support increased service and active service management of RapidRide. This project will assess, procure, and implement the technology - networking, hardware, software - to support the Transit Control Center including modernized systems, additional CAD stations to accommodate expanding services, and backup CAD stations for testing and training. Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139367	TDC IB BEB CHRGNG DEPT STANDALONE		\$5,098,503	<p>Current Scope: Interim Base Bus Charging - This project will develop and build the charging infrastructure to support operations of 105 Battery Electric Buses (BEB). The project will build the required infrastructure at the interim base. This project will install electrical equipment including transformers, switchgear, chargers, cabling, charging connectors, etc. The project will include design, procurement, implementation, and commissioning of the elements of the charging infrastructure for the facility.</p> <p>Budget Request Basis: The request is based on estimates of costs required to complete the charging infrastructure at the Interim Base to support charging infrastructure. This budget request funds design to support procurement and installation of the electrical equipment, chargers, structural supports, charge connectors and charge management elements to successfully operate battery electric buses out of the base.</p>
1139368	TDC CAP DRAWING MGMT STANDALONE		\$1,850,400	<p>Current Scope: Capital Division Electronic Drawing Management System (EDMS) – Replace existing, unsupported EDMS Kinnosa (software company First Trace bankrupted 3 years ago) with Blue Cielo, which is being used by other County departments, to manage Metro Transit’s permanent facilities electronic design and engineering records including CADD files, along with related construction and legal documents.</p> <p>Budget Request Basis: Metro's existing EDMS vendor went out of business three years ago, leaving the agency with an antiquated system that is not sustainable and stable. The amount of this request is based on information from WTD and Transit’s experience in running a similar EDMS in the last 20 years. The budget will provide the costs in acquiring the software server, client license seats, training of administrators and end users, uploading/conversion of the existing files to the new system, and KCIT’s involvement in implementing and full deployment of the software. The amount of this request includes additional work to transferr data from the current system to the new system.</p>
1139369	TDC SAB ELECTRIFICATION STANDALONE		\$15,594,568	<p>Current Scope: South Annex Base Electrification - This project will provide charging infrastructure for up to 155 vehicles at the South Annex Base making. This project will install the remaining electrical equipment (transformers, switchgear, chargers, cabling, charging connectors, etc.) that were not installed in the original build out of the base. The project will include design, procurement, implementation, and commissioning of the charging infrastructure for South Annex Base.</p> <p>Budget Request Basis: This budget request funds design activities to support procurement and installation of the above ground electrical equipment, chargers, structural supports, charge connectors, and charge management elements to successfully operate 155 battery electric buses out of the base.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139370	TDC ST LYNWD LINK PSGR IMP STANDALONE		\$3,860,277	<p>Current Scope: Sound Transit Lynnwood Link Passenger Improvements - The scope of this project is to design and construct adjacent bus stop (station area) improvements at Lynnwood Link Extension station adjacent areas, specifically Shoreline North and Shoreline South stations. This includes planning passenger capital facilities in order to prioritize the customer experience and provide for seamless transit integration. 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. 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.</p> <p>Budget Request Basis: The budget request for 2021-2022 will fund improvements to 10 Metro bus stops total, two within the stations, four stops at Shoreline North Station, and four stops at Shoreline North Station. This is based on planning-level cost estimates for each individual improvement. Metro's Sound Transit Integration Program completed a rigorous analysis of existing and future conditions at Link and BRT stations that will open in 2023-24. The result was a list of recommended capital projects that was prioritized based on projected service levels, proximity to Link/BRT stations, and the ability to leverage investments of implementation partners such as Sound Transit and local jurisdictions. All projects are focused on improving the customer experience with a focus on safety, convenience, and equity.</p>
1139371	TDC RB YARD LIGHT REPL STANDALONE		\$2,366,751	<p>Current 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>
1139372	TDC BB YARD LIGHT REPL STANDALONE		\$1,752,989	<p>Current 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139373	TDC ST FWLE PSGR IMP STANDALONE		\$1,067,586	<p>Current Scope: Current 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 both the Kent-Des Moines, 272nd St, and FWTC stations. Improvements will include new or relocated bus stops, new shelters, benches, lighting, real-time bus arrival information, and wayfinding signs. Metro will leverage existing work being completed by Sound Transit to help reduce costs and conserve resources. This will include having implementation partners complete utility and concrete work as part of larger capital improvements associated with the opening of Link light rail.</p> <p>Budget Request Basis: The budget request for 2021-2022 is for improvements at four locations at or adjacent to FWLE light rail stations, based on planning-level cost estimates for each individual improvement. Metro's Sound Transit Integration Program completed a rigorous analysis of existing and future conditions at Link and BRT stations that will open in 2023-2024. The result was a list of recommended capital projects that was prioritized based on projected service levels, proximity to Link/BRT stations, and the ability to leverage investments of implementation partners such as Sound Transit and local jurisdictions. All projects are focused on improving the customer experience with a focus on safety, convenience, and equity.</p>
1139374	TDC NB YARD LIGHT REPL STANDALONE		\$1,219,387	<p>Current 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>
1139375	TDC VDC YARD LIGHT REPL STANDALONE		\$1,082,579	<p>Current Scope: Van Distribution Center 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139376	TDC ST DR LINK PSGR IMP STANDALONE		\$2,980,007	<p>Current Scope: Sound Transit Downtown Redmond Link Passenger Improvements - This project will improve the transfer experience for customers navigating between new Downtown Redmond Link Extension (DRLE) 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 both the Southeast Redmond and Downtown Redmond Link stations. Improvements will include new or relocated bus stops, new shelters, benches, lighting, real-time bus arrival information, and wayfinding signs. Metro will leverage existing work being completed by Sound Transit to help reduce costs and conserve resources. This will include having implementation partners complete utility and concrete work as part of larger capital improvements associated with the opening of Link light rail.</p> <p>Budget Request Basis: The budget request for 2021-2022 is for improvements at six locations at or adjacent to DRLE light rail stations, based on planning-level cost estimates for each individual improvement. Metro's Sound Transit Integration Program completed a rigorous analysis of existing and future conditions at Link and BRT stations that will open in 2023-24. The result was a list of recommended capital projects that was prioritized based on projected service levels, proximity to Link/BRT stations, and the ability to leverage investments of implementation partners such as Sound Transit and local jurisdictions. All projects are focused on improving the customer experience with a focus on safety, convenience, and equity.</p>
1139377	TDC SFAC YARD LIGHT REPL STANDALONE		\$1,128,119	<p>Current Scope: South Facilities 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139378	TDC ST EAST LINK PSGR IMP STANDALONE		\$11,465,309	<p>Current Scope: Sound Transit East Link Passenger Improvements - This project will improve the transfer experience for customers navigating between new East Link rail stations and connecting Metro bus routes, including existing RapidRide routes. 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 Judkins Park, Mercer Island, South Bellevue, East Main, Downtown Bellevue, Wilburton, Overlake Village, and Redmond Technology Station. Improvements will include new or relocated bus stops, new shelters, benches, lighting, real-time bus arrival information, and wayfinding signs. In many cases, Metro will leverage existing capital projects to help defray costs and conserve resources. This may include having implementation partners complete utility and concrete work as part of larger capital improvements associated with the opening of Link light rail.</p> <p>Budget Request Basis: The budget request for 2021-2022 is for improvements at 21 locations adjacent to East Link light rail stations, based on planning-level cost estimates for each individual improvement. Metro's Sound Transit Integration Program completed a rigorous analysis of existing and future conditions at Link and BRT stations that will open in 2023-2024. The result was a list of recommended capital projects that was prioritized based on projected service levels, proximity to Link/BRT stations, and the ability to leverage investments of implementation partners such as Sound Transit and local jurisdictions. All projects are focused on improving the customer experience with a focus on safety, convenience, and equity.</p>
1139379	TDC NFAC YARD LIGHT REPL STANDALONE		\$399,650	<p>Current Scope: North Facilities 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>
1139380	TDC PD YARD LIGHT REPL STANDALONE		\$230,083	<p>Current Scope: Power Distribution 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>Budget Request Basis: The budget estimate was generated by in house engineering analysis and a third party consultant review. The 2021-2022 funding request is expected to support design through closeout.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139382	TDC ENVIROSHED RELOC STANDALONE		\$502,326	<p>Current Scope: Enviroshed Relocation - This project is intended to support reconstruction of the Enviroshed (Solids Education Facility) from the South Annex to the Interim Base. This facility is used to decant the liquid waste from the solid waste removed from pits and vaults around Metro's system so they can be properly disposed of. Relocation of the existing shed will enable construction of the South Annex Base.</p> <p>Budget Request Basis: The funding requested in this biennium will support construction of a new shed. Projected spending includes fully burdened staff time and construction materials. The budget requested is necessary in order to cover total project costs through the anticipated online date in 2022; budget authority is needed in order to sign vendor contracts and move forward with design and implementation. This project is being split out from an existing project, 1134220 - TDC OCG RELOCS & DISPLACMNTS, in order to better facilitate management and tracking of the work.</p>
1139383	TDC ROUTINE FAC IMP 2025-26 STANDALONE		\$0	<p>Current Scope: Routine Facility Improvements - The Facilities Improvements program is routine capital project that supports transit operations and maintenance by adding new assets or modifying existing assets. Improvements are justified by changes in business practices, technology, and regulations, to name a few of the criteria for proposed projects. The program improves transit operating facilities (bases, maintenance and support), their work environments for employees, and in certain cases, passenger facilities. Where feasible, ideally the sub-projects will be packaged with other projects to minimize disruption to operations.</p> <p>Budget Request Basis: This program budget request is based on previous biennial spend for this program. Specific projects will be estimated as the work is identified in the coming years.</p>
1139384	TDC SHELTER REFURB 2025-26 STANDALONE		\$0	<p>Current 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 160-180 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 will be developed in the next budget cycle.</p> <p>Budget Request Basis: The budget appropriation request for the Shelter Refurb project provides the project with all of the necessary resources to ensure that it is successful. Careful consideration has been taken to benchmark previous years expense trends, averaging \$2.0 to \$2.4 million per year to meet targets for labor requirements, materials, supplies, and the equipment needed for the 2025-2026 biennium.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139385	TDC ROUTINE EQUIP RPL 2025-26 STANDALONE		\$0	Current Scope: Equipment Replacement - This is a routine project budget request for 2025-2026 to support the replacement of major equipment at Metro Transit Facilities. Budget Request Basis: This program budget request is based on historical and engineering cost estimates of the projects in its work plan.
1139386	TDC MIN EQUIP REPL 2021-22 STANDALONE		\$1,396,587	Current Scope: Equipment Replacement - This program for 2021-2022 supports the replacement of minor equipment at Metro Transit Facilities. The 2021-2022 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. Budget Request Basis: This program budget request is based on historical and engineering cost estimates of the projects in its work plan. There are approximately 15 -20 minor equipment assets replacements anticipated in 2021-2022.
1139387	TDC MIN EQUIP REPL 2023-24 STANDALONE		\$0	Current Scope: Equipment Replacement - This program for 2021-2022 supports the replacement of minor equipment at Metro Transit Facilities. The 2021-2022 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 Budget Request Basis: This program budget request is based on historical and engineering cost estimates of the projects in its work plan.
1139388	TDC MIN EQUIP REPL 2025-26 STANDALONE		\$0	Current Scope: Equipment Replacement - This program for 2021-2022 supports the replacement of minor equipment at Metro Transit Facilities. The 2021-2022 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. Budget Request Basis: This program budget request is based on historical and engineering cost estimates of the projects in its work plan.
1139389	TCD FURNITURE REPL 2025-26 STANDALONE		\$0	Current Scope: Furniture Replacement - This program is to replace furniture that is past the end of its useful life or in poor condition. Initial purchases are planned to replace furniture located in Operations at Metro Transit bases. Additional locations may be considered for furniture replacement as furniture conditions are assessed at all locations. Budget Request Basis: This routine project's budget request is based on previous years' actual project costs and vendor estimates.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139390	TDC BUS STOP IMP 2021-22 STANDALONE		\$5,169,061	<p>Current Scope: Bus Stop Improvements 2021-2022 - The Bus Stop Improvement Project provides new bus stops and layover spaces and makes improvements to existing bus stops and layovers 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. These new facilities are designed to provide ADA-accessible landing pads at a minimum.</p> <p>Budget Request Basis: The amount requested is based on typical project costs from prior years and the number of anticipated projects. Staffing costs for planning, design, and implementation are also included.</p>
1139391	TDC SERVICE MGMT MODERNIZ STANDALONE		\$3,354,501	<p>Current Scope: Service Management Modernization - This is strictly an analysis and planning project that will holistically scope a broad, but clear and phased approach to updating Metro's service management systems (hardware, software, infrastructure, facilities, business, and services); and propose ways to improve in terms of service quality, safety, scalability, flexibility, and overall efficiency. Aspects include, but are not limited to, 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. Though non-technology components are included, 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. Portions of Metro service management may require more short-term interventions for systems which are at or near end of life; however, this project well help to identify where those systems reside in the overall service management ecosystem, rather than as independent stand-alone projects.</p> <p>Budget Request Basis: This project is scheduled to complete preliminary design during the biennium. As a result, the costs associated with reaching this milestone are being requested for appropriation. Requested project resources include: an outside consultant, an IT Project Manager, a Metro Lead, staff support from multiple departments and work groups, as well as consultation, analysis, and other support from KCIT.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139392	TDC BUS STOP IMP 2023-24 STANDALONE		\$0	<p>Current Scope: Bus Stop Improvements 2023-2024 - The Bus Stop Improvement 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.</p> <p>Budget Request Basis: The amount requested is based on typical project costs from prior years and the number of anticipated projects. Staffing costs for planning, design, and implementation are also included.</p>
1139393	TDC ORCA NG ENHANCEMENTS STANDALONE		\$674,888	<p>Current Scope: ORCA Next Generation Enhancements - This project, in coordination with regional partners, will analyze and plan for the phase 2 work for next generation ORCA. This planning effort will utilize outside consultants who will assist in identifying, ranking, and scoping projects that would be identified for future projects for implementation. A part-time project manager and agency lead will coordinate with internal stakeholders, conduct requirements gathering, and ensure future projects meet the needs of the agency and our customers.</p> <p>Budget Request Basis: This planning project supports consultant services required to understand desired functionalities that will add features and value to customers. These efforts could include fare capping, paid park and ride parking, integration with third party providers such as Uber and Lyft, bicycle parking fee collection, full integration with Vanpool and Access, and other integrations such as NHL and Mariners. Starting the planning for phase 2 of next gen ORCA during the initial launch phase of the ORCA replacement project will allow a quick start following full system integration to begin implementing the desired new features without delay.</p>
1139394	TDC BUS STOP IMP 2025-26 STANDALONE		\$0	<p>Current Scope: Bus Stop Improvements 2025-2026 - The Bus Stop Improvement Project provides new bus stops and layover spaces and makes improvements to existing bus stops and layovers 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.</p> <p>Budget Request Basis: The budget request 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>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139396	TDC DATA ANLYT & REPORT PRG PH STANDALONE		\$0	<p>Current Scope: Data Analytics Program Placeholder - 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>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>
1139397	TDC ELECTRIFY PLANNING RPT STANDALONE		\$3,846,947	<p>Current Scope: Electrify Planning Report - This planning project has three components: 1) develop a model to develop layover (aka on route) charging throughout the County and develop a phased implementation plan for charging at the bases, 2) perform early coordination and planning work for electrical infrastructure and 3) engage in legal and consulting work required for negotiations with utilities for tariff rates and other reporting requirements for Council and policymakers.</p> <p>Budget Request Basis: The 2021-2022 requested appropriation will support the planning (chartering), scope writing and development of the business requirements for modeling work. Funds will be used to support early planning work for underground and above ground charging infrastructure, move forward with development of a model, and support on-going consultant work for Council reports and expected legal work associated with rate negotiations with utilities. Projected spending also includes fully burdened staff time, consulting and modeling development costs, and project contingency. Budget authority is needed in order to sign vendor and legal contracts and move forward with model development.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139398	TDC TOC PROGRAM PLANNING STANDALONE		\$1,074,429	<p>Current Scope: Transit Oriented Communities Program Planning - The transit oriented communities program planning project is the master project for the TOC, formerly the Transit oriented development (TOD) 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 Metro's real property portfolio to identify opportunities to reposition 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>Budget Request Basis: The budget request is based on funding for one program manager and consultant resources to support the development of deliverables needed to create program procedures and foundational documents and support minimal project development activities over the next seven years.</p>
1139400	TDC GREEN POWER CHARGE MGMT STANDALONE		\$6,656,748	<p>Current Scope: MTD Green Power - This project is the organizational learning and proof-of-concept phase to implement IT systems supporting the zero-emission fleet. This includes market research and planning effort to enable and manage the centralized charging Infrastructure of Transits 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>Budget Request Basis: The budget allocation being requested will support the full planning effort of the project. This will help develop a proof-of-concept pilot early in the phase, to evaluate and try out new technologies for follow-on implementation of the standardized technology solution across all bases. The budget includes the Metro Transit staff, KCIT and consulting. This budget was developed using the overall estimates from the current vendors and agencies that scale with the Transit requirements.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139405	TDC SGR PRGM MGMT 2021-22 STANDALONE		\$1,111,501	<p>Current Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects in 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 of projects for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complimentary manner; and tracking interdependencies and coordinating with projects in other programs. 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>Budget Request Basis: 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>
1139410	TDC SGR PRGM MGMT 2023-24 STANDALONE		\$0	<p>Current Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects in 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 of projects for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complimentary manner; and tracking interdependencies and coordinating with projects in other programs. 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>Budget Request Basis: 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139414	TDC SGR PRGM MGMT 2025-26 STANDALONE		\$0	<p>Current Scope: State of Good Repair (SGR) Program Management - This project includes the planning for programs and projects in 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 of projects for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complimentary manner; and tracking interdependencies and coordinating with projects in other programs. 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>Budget Request Basis: 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>
1139419	TDC FAC COND ASSMT 21-22 STANDALONE		\$2,001,734	<p>Current 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>Budget Request Basis: The budget request is based on the value of the work plus employee costs for internal engineering support.</p>
1139423	TDC FAC COND ASSMT 23-24 STANDALONE		\$0	<p>Current 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>Budget Request Basis: There is no budget request for 2021-2022; budget request reflects planning estimates for outyears only.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3641 PUBLIC TRANS CONST-UNREST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3641 PUBLIC TRANS CONST-UNREST - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139852	TDC LAYOVER CHRGNG STANDALONE		\$3,120,440	<p>Current 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>Budget Request Basis: The budget request is based on information provided by the Metro zero-emissions bus group based on current trends and expectations of future costing for on route charging stations.</p>
3641 - PUBLIC TRANS CONST-UNREST		Total	\$282,965,459	
Grand Total			\$282,965,459	

**2021 - 2022 Executive Proposed Financial Plan
Transit Infrastructure Capital / 3641**

Capital Improvement Program (CIP) Budget						
		2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources						
Revenue Backing from Fund Balance		297,275,051		297,275,051	31,805,021	
Revenue Carryforward - Future Debt Proceeds & Other		232,580,473	11,149,803	243,730,276	104,390,813	
Sales Tax			78,378,390	78,378,390	178,554,680	
Marine Property Tax			539,695	539,695	263,962	
Sound Transit Payments			-	-	-	
Grants			146,306,660	146,306,660	78,643,990	
Interest Income			1,950,703	1,950,703	309,074	
Miscellaneous			13,948,164	13,948,164	21,967,231	
Debt Proceeds			35,992,541	35,992,541	58,830,732	172,038,322
Total Capital Revenue		\$ 529,855,523	\$ 288,265,955	\$ 818,121,478	\$ 474,765,502	\$ 172,038,322
Capital Appropriation						
Facility Improvements		155,944,276	(15,374,976)	140,569,301	304,628,746	6,012,967
Passenger Infrastructure		19,846,849	26,141,849	45,988,699	10,880,165	5,135,097
Regional Transit Integration		42,467,616	(2,509,209)	39,958,407	2,448,101	2,063,264
Speed and Reliability Improvements		111,796,576	101,612,353	213,408,929	5,884,699	4,093,774
State of Good Repair		96,012,235	92,802,474	188,814,709	47,147,155	64,019,817
Zero Emissions Infrastructure		23,871,473	44,872,963	68,744,437	43,454,004	73,305,553
Technology		63,975,014	32,829,788	96,804,802	52,957,254	12,163,600
Fixed Route Vehicles		2,310,200	(3,562,842)	(1,252,642)		
Non Fixed Route Vehicles		3,429,723	4,554,364	7,984,087	5,832,433	5,244,249
Emergent Needs Contingency		13,986,289	361,822	14,348,111		
Marine Facilities (2021+)			1,236,872	1,236,872		
Total Capital Appropriation		\$ 533,640,252	\$ 282,965,458	\$ 816,605,710	\$ 473,232,557	\$ 172,038,322

CIP Fund Financial Position						
	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	193,261,162	193,261,162		297,275,051	31,805,021	18,644,130
Capital Funding Sources						
Sales Tax	215,489,863	248,979,075		78,378,390	178,554,680	92,212,707
Marine Property Tax	-	-		539,695	263,962	-
Sound Transit Payments	7,255,609	8,643,756		-	-	-
Grants	10,245,744	42,059,345		146,306,660	78,643,990	57,659,452
Interest Income	7,810,847	9,338,115		1,950,703	309,074	212,903
Miscellaneous	6,325,076	5,656,655		13,948,164	21,967,231	14,712,003
Total Capital Revenue	\$ 247,127,140	\$ 314,676,945	\$ -	\$ 241,123,611	\$ 279,738,937	\$ 164,797,065
Capital Expenditures						
Facility Improvements	(40,144,149)	(61,923,111)		(65,331,813)	(63,427,933)	(198,752,091)
Passenger Infrastructure	(17,539,596)	(30,332,486)		(38,874,236)	(23,905,097)	(5,471,558)
Regional Transit Integration	(7,376,075)	(12,617,201)		(3,811,521)	(4,237,865)	(4,840,665)
Speed and Reliability Improvements	(22,126,629)	(28,897,799)		(145,307,892)	(78,473,496)	(6,285,904)
State of Good Repair	(21,332,350)	(38,321,436)		(132,973,248)	(77,857,493)	(66,879,330)
Zero Emissions Infrastructure	(8,968,630)	(16,829,099)		(63,091,049)	(47,673,385)	(73,305,553)
Technology	(20,901,915)	(31,455,158)		(87,517,622)	(51,870,896)	(24,205,800)
Fixed Route Vehicles	(1,218,317)	(2,345,921)		-	-	-
Non Fixed Route Vehicles	(5,601,042)	(8,740,332)		(6,530,139)	(5,832,433)	(5,244,249)
Marine Facilities (2021+)	-	-		(960,663)	(263,962)	-
Total Capital Expenditures	\$ (145,208,702)	\$ (231,462,543)	\$ -	\$ (544,398,182)	\$ (353,542,560)	\$ (384,985,150)
Estimated Underexpenditure				\$ -	\$ -	\$ -
Other Fund Transactions						
Debt Proceeds		22,549,776		35,992,541	58,830,732	210,730,439
RFRF Funds for Fleet Replacement		-		-	-	-
Lease and Prepaid Lease Offset		1,812,000		1,812,000	1,812,000	1,812,000
Ending Fund Balance	\$ 295,179,599	\$ 297,275,051	\$ -	\$ 31,805,021	\$ 18,644,130	\$ 10,998,484
Fund Balance Designated to Current Projects *	\$ (289,047,512)	\$ (291,142,963)		\$ (25,672,933)	\$ (12,512,042)	\$ (4,866,397)
Reserves						
Capital Designated Reserve	(6,132,087)	(6,132,087)		(6,132,087)	(6,132,087)	(6,132,087)
Total Reserves	\$ (6,132,087)	\$ (6,132,087)	\$ -	\$ (6,132,087)	\$ (6,132,087)	\$ (6,132,087)
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Marine financials included in 2021 to 2026. Not included in 2019-2020, as still in separate funds.

Estimated and projected amounts include impacts from August 2020 OEFA projections.

Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, and transfers between funds.

2019-2020 Biennial-to-date Actuals through July 2020

Financial Plan last updated by Geoff Kaiser on 9.3.20

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1126349	TDC Alternative Services PROGRAMMATIC		\$0	<p>Current Scope: Alternative Services - 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>Budget Request Basis: No expansion vehicles are included in this request and the schedule for replacement vehicle has been extended to account for vehicles already purchased, but not in service. Replacement vehicle purchases are not scheduled to resume until 2023.</p>
1130166	TDC WSDOT 60' HYBRID BUS STANDALONE		(\$75,778,521)	<p>Current Scope: WSDOT 60-ft Hybrid Bus - This project funds the replacement of King County Metro's existing fleet of 60-ft hybrid buses. These new hybrid buses are 60-ft standard design (non-BRT) buses that will feature all electric accessories. The buses will be low-floor buses with a Federal Transit Administration (FTA) service life of 12 years. King County Metro will issue a new Request for Proposal (RFP) to acquire these buses.</p> <p>Budget Request Basis: Project Deferred. Purchase of these buses will be deferred to 2025.</p>
1130167	TDC 60' TROLLEY 5DR SDOT PROGRAMMATIC		(\$29,325,829)	<p>Current Scope: 60-ft 5-Door Trolley SDOT - This project funds 13 additional electric trolley buses with 5 doors to serve the City of Seattle's planned Bus Rapid Transit (BRT) route for Madison Street. The addition of the Madison BRT trolleys will bring the 60-ft. trolley fleet to 77 buses.</p> <p>Budget Request Basis: Project Cancelled. The 13 buses have been changed to hybrid and will be acquired in 2023. This request removes excess budget.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1130168	TDC 40' BATTERY EL BUS PROGRAMMATIC		(\$70,661,507)	<p>Current Scope: 40ft Battery Electric Bus - This project funds the expansion of King County Metro's existing fleet of eleven 40-ft battery electric buses. The planned purchases will be based on results of pilot testing of extended range buses in 2018 and 2019. This project will add up to 32 more 40-ft battery electric buses by 2021, if available bus technology meets the requirements of our chosen routes for this deployment. These new buses, unlike their predecessors, will use extended-range technology providing the capacity to operate the buses for up to 140 miles between charges. On board batteries will be required to charge in four hours or less. These new 40-ft battery electric buses will be low-floor buses with an FTA service life of 12 years.</p> <p>Budget Request Basis: This project is being moved under 1139507 TDC BATT ELEC BUS BUD as a sub-project. Twenty 40 foot BEB buses will be acquired.</p>
1130169	TDC VANPOOL VEHICLE PURCHASE PROGRAMMATIC		\$3,982,671	<p>Current 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. This project provides efficient, safe and dependable vans for vanpool customers throughout King County.</p> <p>Budget Request Basis: The 2021-2022 requested appropriation supports the purchase of 488 vans replacement vans. No expansion van purchases are planned. This "No Growth" scenario matches the department's service assumptions for the Vanpool Program. The project also include a change in the useful life of vans beginning in 2020 through 2028 in order to reach an additional reduction of \$15 Million during the 2019-2028 cash flow planning period. The useful life of vans used for vanpool service has been extended from 7 to 8 years. The request includes fully burdened staff time, licensing, logos, accessories, inspection, and prep for service to support the revised number of replacement van purchases.</p>
1130170	TDC ADA VAN PROCUREMENT PROGRAMMATIC		\$11,320,466	<p>Current 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>Budget Request Basis: The 2021-2022 requested appropriation supports the purchase of 121 vans - 121 mini buses replaced at the end of their useful life and 0 mini buses for program growth. The request includes fully burdened staff time. Licensing, logos, accessories, inspection, prep for service, and updating of systems are also included. Total project cost (Estimate at Completion 2018 - 2028) has decreased by 13%, approximately, due mostly to the assumptions that the program is not projecting growth and forecasting a reduction in fleet usage through this period.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1130171	TDC CAT VEHICLES PROCUREMENT PROGRAMMATIC		\$1,072,867	<p>Current 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 that make bus travel very difficult).</p> <p>Budget Request Basis: During the biennium, 21 vehicles will reach the end of their useful life and will be replaced.</p>
1132837	TDC LEASEED EL BUS TESTING STANDALONE		(\$555,835)	<p>Current Scope: Leased Electric Bus Testing - This project leases up to 10 extended-range battery electric buses (six 40-ft and four 60-ft buses) for the purpose of testing and evaluating extended-range battery electric buses under King County Metro operating conditions. The project plan calls for leasing two 40-ft battery electric buses from each of the following transit vehicle manufacturers: BYD, New Flyer, and Proterra; and leasing two 60-ft battery electric buses from BYD and New Flyer. In addition to determining if these buses can meet our operating requirements, the test will help KCM refine its technical specifications for future battery electric bus procurements.</p> <p>Budget Request Basis: Project will be completed for less than originally anticipated. This request removes excess budget.</p>
1133710	TDC 60' BATTERY EL BUS PROGRAMMATIC		(\$101,465,051)	<p>Current Scope: 60-ft Battery Electric Bus - This project funds King County Metro's first ever fleet of 60-ft battery electric buses. The initial order is planned for a quantity of 45 extended range buses, dependent on successful pilot testing of industry-available technology in 2018 and 2019 for meeting the demands of our routes, climate, and topography. The buses are scheduled to enter service in late 2020 and are also dependent on new base and charging capacity being in place by that time. The new fleet of 60-ft battery electric buses will be extended charge, low-floor buses with an Federal Transit Administration (FTA) service life of 12 years. King County Metro will issue a new Request for Proposal (RFP) to acquire these buses.</p> <p>Budget Request Basis: This project is being moved under 1139507 TDC BATT ELEC BUS BUD as a sub-project. Twenty 60 foot BEB buses will be acquired.</p>

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134163	TDC FIXED RT PROG MGMT PROGRAMMATIC		\$264,697	<p>Current 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 internal to Metro to meet their needs and mitigate impacts to operations during design and construction. The Fixed Route Vehicle Sub Portfolio includes the 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. Work will also include monitoring projects for progress and changes in scope, schedule and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complimentary manner; and tracking interdependencies and coordinate with projects in other programs.</p> <p>Budget Request Basis: Based on staffing in the capital planning and program management organization chart responsible for the capital planning and program management duties within the Fixed Route Vehicle Sub Portfolio. Modest amount of professional services are estimated to augment staff expertise.</p>
1134228	TDC NON FIXED RT PR MGMT PROGRAMMATIC		\$402,436	<p>Current 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. Work will also include monitoring projects for progress and changes in scope, schedule, and budget; adapting other projects within the programs to maintain the program benefits anticipated in a coordinated and complimentary manner; and tracking interdependencies and coordinate with projects in other programs.</p> <p>Budget Request Basis: 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1134670	TDC EMERG NEED CONT FUND 3642 ADMIN		(\$10,000,000)	Current Scope: Emergent Need Contingency - This project 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. This project requests emergent need contingency budget for Transit revenue fleet capital fund 3642. If needed, the appropriation authority in this project would be transferred to other projects within the capital fund. Budget Request Basis: This request removes excess appropriation to better align with the current size of projects in fund 3642.
1139238	TDC MAR VESSEL ENGINE OVERHAUL STANDALONE		\$0	Current Scope: Marine Vessel Engine Overhaul - The project is in support of maintaining 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. Budget Request Basis: The \$3 million will support the required mid-life overhaul of the engines in both the Sally Fox and Doc Maynard vessels. This covers all shipyard costs to complete the work.
1139327	TDC HYBRID BUS BUD PROGRAMMATIC		\$0	Current Scope: Hybrid Bus Budget - This programmatic project funds the replacement of King County Metro's existing fleet of hybrid buses, including the replacement of 105 buses in 2025 and an additional 155 buses in 2028. The new fleet will have an FTA service life of 12 years. Budget Request Basis: The budget request covers the cost of 105 coaches. The amount of the request is based upon 60-ft Hybrid bus pricing derived from a competitive request for proposals for transit buses issued by the State of Washington Department of Enterprise Services on behalf of WSDOT. 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.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139328	TDC BEB (260) BUD INCREM PROGRAMMATIC		\$0	<p>Current Scope: Battery Electric Bus Budget Increment - This project funds the purchase of Battery Electric Buses (BEB) to replace aging revenue service buses in the fleet. This project is shown as the incremental cost difference between battery electric buses and hybrid buses. This purchase includes a mix of 40-foot and 60-foot buses to match service requirements. This project was based on an estimate of approximately 260 buses purchased between 2025 and 2028. With this project, all buses purchased from 2025 on will be battery electric bus.</p> <p>Budget Request Basis: The cost estimate is based on the cost difference between the cost of 260 Battery electric buses compared to 260 hybrid buses. 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. The labor costs are not included, because they are assumed to be in the baseline Hybrid Bus purchase project. This represents the added capital cost of the bus purchase.</p>
1139507	TDC BATT ELEC BUS BUD PROGRAMMATIC		\$60,877,327	<p>Current Scope: Battery Electric Bus Budget - This project funds the replacement of King County Metro's existing fleet of 40-ft and 60-ft hybrid buses with battery electric buses. This project will fund twenty 40-ft and twenty 60-ft battery electric buses. The new fleet of buses will be low-floor buses with a Federal Transit Authority (FTA) service life of 12 years. The buses will be purchased from the Washington State Department of Transportation (WSDOT) Consortium contract.</p> <p>Budget Request Basis: This request consolidates existing battery electric bus projects into a programmatic appropriation. The budget request covers the cost of 40 vehicles – all to be received in 2021. The amount of the request is based upon 60-ft & 40-ft battery electric bus pricing derived from a competitive request for proposals for transit buses issued by both the Commonwealth of Virginia, and State of Washington Department of Enterprise Services on behalf of WSDOT. 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: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Transit, Fund: 3642 PUBLIC TRANS REVENUE FLEET CAPITAL, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3642 PUBLIC TRANS REVENUE FLEET CAPITAL - Transit				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1139551	TDC HYBRID BUS 5DR BRT 2023 STANDALONE		\$24,848,252	<p>Current Scope: Hybrid Bus Five Door RapidRide Bus Rapid Transit - This project funds the replacement of King County Metro's existing fleet of 60-ft hybrid buses, including the replacement of 13 five door RapidRide Buses. The new fleet of 60-ft hybrid buses will be low-floor buses with an FTA service life of 12 years.</p> <p>Budget Request Basis: The budget request covers the cost of thirteen 60-foot hybrid buses The amount of the request is based upon 60-ft Hybrid bus pricing derived from a competitive request for proposals for transit buses issued by the State of Washington Department of Enterprise Services on behalf of WSDOT. 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>
3642 - PUBLIC TRANS REVENUE FLEET CAPITAL		Total	(\$185,018,029)	
Grand Total			(\$185,018,029)	

**2021 - 2022 Proposed Financial Plan
Transit Fleet Capital / 000003642**

Capital Improvement Program (CIP) Budget						
		2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources						
Revenue Backing from Fund Balance		125,506,030	(3,487,214)	122,018,816		
Carryforward Revenue - Future Revenues		181,530,815	(181,530,815)	-		
Sales Tax					2,175,602	100,926,161
Marine Property Tax					614,793	-
Grants					8,484,393	94,592,228
Interest Income					1,144,137	1,915,031
Miscellaneous					14,846,985	16,949,276
Total Capital Revenue		\$ 307,036,845	\$ (185,018,029)	\$ 122,018,816	\$ 27,265,910	\$ 214,382,696
Capital Appropriation						
Hybrid Buses		97,587,255	(80,256,099)	17,331,156		-
Trolley Buses		1,265,756		1,265,756		
Battery Electric Buses		172,824,838	(111,540,369)	61,284,469	2,606,509	185,501,524
Vanpool, ADA, CAT Vehicles		15,358,996	16,778,439	32,137,435	21,659,401	28,881,172
Marine Vehicles			-	-	3,000,000	
Emergent Needs Contingency		20,000,000	(10,000,000)	10,000,000		
Total Capital Appropriation		\$ 307,036,845	\$ (185,018,029)	\$ 122,018,816	\$ 27,265,910	\$ 214,382,696

CIP Fund Financial Position						
	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	249,192,948	249,192,948		185,264,665	69,840,907	142,630,529
Capital Funding Sources						
Sales Tax	-	-		39,853,419	91,720,150	139,439,084
Marine Property Tax	-	-		-	614,793	-
Grants	7,477,824	38,569,033		18,886,200	18,484,393	114,592,228
Interest Income	4,436,807	5,639,744		1,030,318	1,144,137	1,915,031
Miscellaneous	9,756,333	11,422,274		14,802,149	14,846,985	16,949,276
Total Capital Revenue	\$ 21,670,964	\$ 55,631,051	\$ -	\$ 74,572,085	\$ 126,810,458	\$ 272,895,619
Capital Expenditures						
Hybrid Buses	(89,202,454)	(89,759,313)		-	(24,848,252)	-
Trolley Buses	(109,379)	(244,439)		-	-	-
Battery Electric Buses	(4,532,085)	(5,487,504)		(61,500,590)	(2,606,509)	(216,327,207)
Vanpool, ADA, CAT Vehicles	(26,625,489)	(28,616,356)		(28,079,292)	(23,128,258)	(30,026,650)
Marine Vehicles		-		-	(3,000,000)	-
FUND CONTINGENCY/Other	(41,838)	(201,273)		(415,962)	(437,817)	(464,185)
Total Capital Expenditures	\$ (120,511,245)	\$ (124,308,885)	\$ -	\$ (89,995,844)	\$ (54,020,836)	\$ (246,818,041)
Estimated Underexpenditure				\$ -	\$ -	\$ -
Other Fund Transactions						
Debt Proceeds		-		-	-	-
Misc Balance Adjustment	4,749,551	4,749,551		-	-	-
Transfer to/from Operating		-		(100,000,000)	-	-
Ending Fund Balance	\$ 155,102,218	\$ 185,264,665	\$ -	\$ 69,840,907	\$ 142,630,529	\$ 168,708,107
Fund Balance Designated to Current Projects *		\$ (125,506,030)		\$ (12,843,243)	\$ (5,268,045)	\$ -
Reserves						
Revenue Fleet Replacement Reserve	(59,758,635)	(59,758,635)		(56,997,664)	(131,533,361)	(161,366,403)
Total Reserves	\$ (59,758,635)	\$ (59,758,635)	\$ -	\$ (56,997,664)	\$ (131,533,361)	\$ (161,366,403)
Projected Shortfall	-	-		-	-	-
Ending Undesignated Fund Balance	\$ -	\$ -	\$ -	\$ -	\$ 5,829,123	\$ 7,341,703

Marine financials included in 2021 to 2026. Not included in 2019-2020, as still in separate funds.
 Estimated and projected amounts include impacts from August 2020 OEFA projections.
 Other fund transactions include accounting adjustments to balance to budgetary fund balance, debt proceeds, and transfers between funds.
 Reserve levels reflects those adopted in the Fund Management Policies for Public Transportation.
 2019-2020 Biennial-to-date Actuals through
 Financial Plan last updated by Geoff Kaiser on 9.3.20

**2021 - 2022 Executive Proposed Financial Plan
Marine Operating Fund / 000004591**

Category	2019-2020 Estimated	2021-2022 Proposed Budget	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	6,360,532	6,290,087		
Revenues				
Property Tax	12,396,516			
Grants	1,739,294			
Fares	4,381,600			
Kitsap Reimbursement	665,132			
Miscellaneous Revenue	219,575			
Total Revenues	19,402,117	-	-	-
Expenditures				
Management & Support	(4,607,445)			
Shoreside Operations	(4,097,226)			
Vessel Operations & Maintenance	(9,818,518)			
Debt Service	(982,273)			
Total Expenditures	(19,505,462)	-	-	-
Estimated Underexpenditures				
Other Fund Transactions				
Transfer to Transit Operating 4641	0	(6,290,087)		
Unrealized Gain Loss Invest	32,900	0		
Total Other Fund Transactions	32,900	(6,290,087)	-	-
Ending Fund Balance	6,290,087	-	-	-
Reserves				
Marine Rainy Day Reserve (45 Days)	(1,283,352)			
Total Reserves	(1,283,352)	-	-	-
Reserve Shortfall	-	-	-	-
Ending Undesignated Fund Balance	5,006,735	-	-	-

Reflects Marine merging into other Transit funds as of 2021.
Financial Plan last updated by Geoff Kaiser on 9.3.20.

CAP Summary by Fund

Budget: 2021-2022 Biennial, Scenario: Executive Proposed, Agency: Marine Division, Fund: 3591 KC MARINE CONST, Cap Status: Approved, Is IT Proj? Both Yes and No

2021-2022 Biennial - Executive Proposed

3591 KC MARINE CONST - Marine Division				
Project Number	Project Name Class Code	Tech Adj	FY21-22	Narratives
1111734	MD MOORAGE MAINTENANCE BARGE STANDALONE		(\$94,734)	Current Scope: Moorage Maintenance Barge - The project includes designing and purchasing a new maintenance barge, location and improvement of shoreside facilities for the barge and to accommodate operational functions and lease agreement for the facility. The new barge will be outfitted with trailer/container modules containing tools and equipment for maintenance of the vessels. Shoreside facilities would include; a) water, sewer, power, and telecommunication connections, b) accessibility for deliveries, c) storage of large parts and supplies, d) close proximity to the passenger terminal located at pier 50 in downtown Seattle. Budget Request Basis: Project completed. Disappropriating remaining budget.
1129121	MD W Sea Terminal Replacement STANDALONE		(\$1,485,148)	Current Scope: West Seattle Terminal Replacement - This project will plan, permit, design and construct a new West Seattle POF Terminal. The existing West Seattle Terminal location at Seacrest Dock is leased from the City of Seattle on a short term basis. Budget Request Basis: Project not started; cancelled. Disappropriating full budget.
1133740	MD W Sea Mobility Transit Hub STANDALONE		(\$742,574)	Current Scope: West Seattle Mobility Transit Hub– This project will plan, permit, design and construct a satellite mobility hub facility that will accommodate vehicle parking and transit bus/shuttles, bike and pedestrian access to support existing Water Taxi service operating at Seacrest Dock. This project is complementary to and independent of the proposed West Seattle Terminal Replacement project. Budget Request Basis: Project not started; disappropriating full budget. W. Seattle Marine Hub will be funded by Transit Infrastructure Capital Fund (3641). For 2021-2022, a request for \$1.2M is submitted under project "1139239 MAR WS MOBIL TRANSIT HUB".
3591 - KC MARINE CONST		Total	(\$2,322,456)	
Grand Total			(\$2,322,456)	

**2021 - 2022 Executive Proposed Financial Plan
Marine Capital Fund / 3591**

Capital Improvement Program (CIP) Budget

		2019-2020 Estimated Ending Balance (YE ITD Balance)	2021-2022 Proposed	2021-2022 Total (Balance + Budget)	2023-2024 Projected	2025-2026 Projected
Capital Budget Revenue Sources						
Revenue Backing from Fund Balance				-		
Revenue Carryforward - Future Debt Proceeds & Other Grants		10,575,360	(10,575,360)	-		
Miscellaneous Revenue				-		
Transfer to Transit Operating 4641				-		
Debt Proceeds				-		
Total Capital Revenue		\$ 10,575,360	\$ (10,575,360)	\$ -	\$ -	\$ -
Capital Appropriation						
Marine Facilities		10,575,360	(2,322,456)	8,252,904		
Anticipated 2021 1st Omnibus disappropriation			(8,252,904)	(8,252,904)		
				-		
				-		
Total Capital Appropriation		\$ 10,575,360	\$ (10,575,360)	\$ -	\$ -	\$ -

CIP Fund Financial Position

	2019-2020 Biennial to Date Actuals	2019-2020 Estimated	2021-2022 Biennial to Date Actuals	2021-2022 Estimated	2023-2024 Projected	2025-2026 Projected
Beginning Fund Balance	2,476,765	2,476,765		1,841,093	-	-
Capital Funding Sources						
Grants	13,285,253	17,713,671				
Miscellaneous Revenue	22,926	30,568				
Total Capital Revenue	\$ 13,308,179	\$ 17,744,239	\$ -	\$ -	\$ -	\$ -
Capital Expenditures						
Marine Capital Expenditures	(14,983,262)	(19,977,683)				
Total Capital Expenditures	\$ (14,983,262)	\$ (19,977,683)	\$ -	\$ -	\$ -	\$ -
Estimated Underexpenditure		-		\$ -	\$ -	\$ -
Other Fund Transactions						
Transfer to Transit Operating 4641		-		(1,841,093)		
Debt Proceeds	1,597,772	1,597,772				
Ending Fund Balance	\$ 2,399,454	\$ 1,841,093	\$ -	\$ -	\$ -	\$ -
Fund Balance Designated to Current Projects *						
Reserves						
Total Reserves	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Shortfall	-	-	-	-	-	-
Ending Undesignated Fund Balance	\$ 2,399,454	\$ 1,841,093	\$ -	\$ -	\$ -	\$ -

Reflects Marine merging into other Transit funds as of 2021.
Financial Plan last updated by Geoff Kaiser on 9.3.20.