Appendices

Appendix A: New or Expanded Capital Facilities

Seattle Center

Project ID	Project Name	Project Description	Location	2025 Budget*
MC-SC-S9505	Memorial Stadium Redevelopment	The 77-year-old Memorial Stadium is owned by Seattle Public Schools (SPS) on land deeded by the City and is outdated, deteriorated, and in need of redevelopment. The Seattle Public Schools Building Technology Academics & Athletics (BTA V) levy approved by Seattle voters in February 2022 contains $66.5 million for a basic student athletic stadium. Under a letter of intent signed by SPS and the City in October 2021 and a November 2022 Memorandum of Agreement, the School District and City are collaborating on a plan for a new enhanced stadium. The new facility will transform the heart of Seattle Center with a state-of-the-art stadium that will serve SPS' needs for athletic events and graduations and be a major civic venue for arts, cultural, sports, and community events. In June 2023 following a Request For Proposals, the Mayor and School Superintendent agreed to enter into negotiations with One Roof Stadium Partnership (One Roof) to jointly develop an enhanced stadium. In 2024, Seattle Center, SPS and One Roof reached an important milestone by aligning on key project terms. In addition to the $66.5 million SPS levy money and $3.95 million from the State capital budget, Seattle Center's Proposed 2025-2030 CIP includes the balance of the City's planned $40 million contribution to the Memorial Stadium Redevelopment. One Roof will be responsible for private fundraising to generate the additional funding to complete the project. The City's funding needed to start construction in 2025 has been identified through a proposed interfund loan necessary to be able to complete negotiations for the new stadium and formalize commitments to advance the project. The SPS Board of Directors, Mayor, and the City Council are anticipated to review and approve implementing agreements by the end of 2024. The new stadium is expected to be complete by the end of 2027. The Executive will create legislation to authorize a second interfund loan in 2026 to address any cashflow requirements of the project. The interfund loan authorized in 2026 will be repaid with 2027 bond proceeds.	401 5th Ave N.	$ 9,000

Seattle City Light

Project ID	Project Name	Project Description	Location	2025 Budget (000s)
MC-CL-XB6351	Boundary Powerhouse - Unit 51 Generator Rebuild	This project provides the rewinding and refurbishing of the Unit 51 generator to extend its useful life, which is part of a programmatic series of projects to maintain the Utility's aging generators. It also replaces the carbon dioxide fire-suppression system with a water sprinkler system to enhance worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.	10382 Boundary Rd, Metaline, WA 99153	$ 500

**Amounts in thousands of dollars.*

MC-CL-XB6353	Boundary Powerhouse - Unit 54 Generator Rebuild	This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator and upgrades the fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.	10382 Boundary Rd, Metaline, WA 99153	$ 1,426
MC-CL-XB6493	Boundary Powerhouse Generator Step-up Transformer Replacement	This project replaces six existing step-up transformers at Boundary Dam and funds the purchase of a seventh transformer to keep as a spare in inventory due to long lead times for these specialized parts. This project helps avoid prolonged loss of generation due to forced outage.	10382 Boundary Rd, Metaline, WA 99153	$ 500
MC-CL-XB6535	Boundary Powerhouse - Unit 52 Generator Rebuild	This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator and upgrades its fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.	Boundary Rd, Metaline, WA 99153	$ 13,454
MC-CL-XB6566	Boundary - DC Battery System & Charge Modernization	This project replaces the multiple existing DC battery systems at Boundary.	Boundary Rd, Metaline, WA 99153	$ 818
MC-CL-XB6627	Boundary Station Service Transformer Replacement	This project replaces two aging station service transformers at Boundary. It is assumed that they will be specified and procured together but installed in two sequential years. Station service transformers provide power to the powerhouse, dam and service area. It is likely that the rating of the transformers will need to be increased to accommodate load increases associated with the addition of new circuits in the powerhouse for automation, controls and machine monitoring.	Boundary Rd, Metaline, WA 99153	$ 4,286
MC-CL-XC6573	Cedar Falls Substation & Bank 6 Replacement	This project replaces the 60-year-old Bank 6 power step up transformer at Cedar Falls. Bank 6 provides the connection between Cedar Falls Generating Units 5 and 6 and the transmission system. The transformer is approaching the end of its useful life and the goal of this project is to replace it during a planned outage before it fails.	Cedar Falls	$ 524
MC-CL-XF9238	Solar Microgrid for Resilience	This project provides construction of an islandable microgrid located at a City of Seattle designated emergency shelter such as a community center, where a solar photovoltaic (PV) system coupled with an appropriately-sized battery energy storage system will be installed. The project provides backup power to support critical emergency facilities and services during extended power outages when electricity distribution facilities are down due to a catastrophic event, such as an earthquake, severe windstorm (or associated flooding), fire or landslide. The Washington State Dept. of Commerce will grant the utility approximately half of the funding to cover the costs for this project.	TBD	$ 102
MC-CL-XS6307	Newhalem Creek Hydroelectric Project Decommissioning	This project funds the decommissioning of the Newhalem Creek Hydroelectric Project. This project comprises coordination with the Federal Energy Regulatory Commission (FERC) and intervenors in the process to surrender the license for the Newhalem Creek Hydroelectric Project, as well the planning, design, and decommissioning of the facilities.	500 Newhalem Creek Rd, Marblemount, WA 98267	$ 1,287

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL-XS6373	Ross Dam - AC/DC Distribution System Upgrade	This project upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire. It improves the 4 kV system, improves lighting, and provides improvements on top of the dam including a center substation room, emergency generator, valve houses, and a 130-volt battery bank. New conduit and conductors improve reliability of spillgate operations and other dam operations requiring electric power. New electrical equipment, new lighting, and the addition of emergency lighting allow staff greater operational flexibility, safety, and efficiency.	Milepost 128 State Highway 20	$	2,545
MC-CL-XS6564	Ross - Exciters 41-44	This project replaces the excitation systems for the four Ross generating units.	Ross Powehouse	$	187
MC-CL-XS6639	Gorge Crane Rehabilitation	This project refurbishes or replaces mechanical and electrical systems for the Gorge powerhouse cranes and will provide safety upgrades to comply with current code. The Gorge powerhouse crane has never undergone a major refurbishment. The three Gorge generating units are planned for overhauls within the next ten years, and will require a reliable crane. The crane control system is being modernized to allow for better control and accuracy.	Milepost 121 State Highway 20	$	6,612
MC-CL-XS6640	Gorge U21-24 overhauls	This project overhauls Gorge units 21 - 24. The final scope of work will be determined during project chartering, but is expected to include replacing the stator winding, stator core, and excitation system. Refurbishment is expected for rotor components and other mechanical components. Planning is currently forecast to start in 2022 which would mean construction on the first unit would likely begin in 2025.	Milepost 121 State Highway 20	$	122
MC-CL-YR8322	Dallas Ave. 26 kV Crossing	This project reinstalls two 26kV feeders across the Duwamish River. This crossing backs up the Cambridge Corridor Crossing, providing redundant power supply to the area along East Marginal Way South. The area has many large industrial accounts.	Dallas Ave S	$	2,936
MC-CL-YS7756	Interbay Substation - Development	This project plans, designs, and constructs a 26 kV substation in the Interbay area. This project installs 2-100 MVA transformers into a facility large enough to accommodate a third transformer at the site if required in the future. The project adds to the distribution network and provides a new path for power to the area. It provides assurance to the developers who are interested in projects in the South Lake Union district that City Light will be able to serve their needs reliably.	17th Ave West	$	91
MC-CL-YT7125	Denny Substation Transmission Lines	This project provides work associated with the design and construction of new transmission lines to support the new Denny Substation. This expansion would divide the existing Pine to Broad Street transmission line into two transmission lines to improve system reliability and resiliency.	System Wide	$	153
MC-CL-YT8461	Transmission Line Inductor Installation	This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area. The project funds the installation of inductors or phase shifting transformers which curtail the flow of power through the Seattle area, while improving customer and asset strengths and maintaining reliability.	System Wide	$	104
MC-CL-ZL8481	Seattle Waterfront Streetlight Installation	This project funds new streetlights in the Seattle Waterfront area. The redevelopment of the Seattle Waterfront follows the Alaskan Way Viaduct replacement and is led by the Office of the Waterfront.	1312 Western AVE	$	197

**Amounts in thousands of dollars.*

MC-CL-ZT8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocations	This project provides relocation of electric distribution infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central Waterfront.	SR 99 / Battery St	$	43
MC-CL-ZT8435	State Route 520 Bridge Relocations	This project provides relocation and installation of power service infrastructure, such as feeder extensions, to support WSDOT's replacement of the State Route 520 Bridge from Montlake to I-5. This project is projected to be fully reimbursable by WSDOT.	SR 520 / Lake Washington	$	411
MC-CL-ZT8471	Sound Transit Lynnwood - City Light	This project supports Sound Transit's Lynwood Link, which will extend from the Northgate Transit Center at 5th Ave NE & NE 100th Street to our service area boundary at NE 200th Street, near the I-5 Right of Way. This project will include 100 blocks of relocations, a significant fraction of which will convert lines from overhead to underground. The project will install two feeders for each of the light rail line's traction power stations and upgrade the radial system's capacity where needed to serve the new load. The low and medium power service connections for the line's stations will be handled through the existing service projects.	City Wide	$	3

Seattle Department of Transportation

Project ID	Project Name	Project Description	Location	2025 Budget (000s)
MC-TR-C013	RapidRide J Line	This project will provide a high-quality transit service connecting Downtown Seattle with the neighborhoods of Belltown, South Lake Union, Eastlake, and University District. This project also includes protected bike lane, streetscape, intersection and traffic signal improvements and improving accessibility including ADA-compliant curb ramps. This project was formerly titled RapidRide Roosevelt.	VARIOUS	$ 34,134
MC-TR-C030	Northgate Bridge and Cycle Track	This project will construct pedestrian and bicycle improvements to enhance access to the planned Sound Transit Light Rail station at Northgate. The improvements include a pedestrian and bike bridge over I-5 and a multi-use path along 1st Avenue NE; that was complete in 2021. The stream mitigation work will continue through 2025 and is currently in the construction phase.	Multiple	$ 500
MC-TR-C072	Alaskan Way Main Corridor	This project designs and constructs the rebuilt Alaskan Way/Elliott Way surface streets and the adjoining pedestrian promenade along the Seattle waterfront following the demolition of the Alaskan Way Viaduct. The State of Washington has built a deep bore tunnel to replace the Alaskan Way Viaduct and has relocated State Route 99 into the tunnel. The City of Seattle is responsible for the Alaskan Way/Elliott Way surface street and the promenade. The project also includes replacement of and improvements to four key connections impacted by the Viaduct removal: Seneca Street, Columbia Street, and the Marion Street and Lenora Street pedestrian bridges. This project is part of the larger waterfront improvement program. Construction of these improvements began in 2019.	VARIOUS	$ 7,713

**Amounts in thousands of dollars.*

MC-TR-C073	Overlook Walk and East-West Connections Project	Removing the Alaskan Way Viaduct provides the opportunity for the City to improve key connections between the downtown core and the waterfront. The specific east/west streets targeted for improving connections include: Bell Street, King Street, Main Street, Pike Street, Pine Street, Railroad Way, Union Street, Washington Street, and Yesler Way. In addition to these east/west street connections, the waterfront improvement program also includes Overlook Walk, which will provide a pedestrian-oriented connection between the waterfront, the Aquarium and Pike Place Market with ADA access, views, and public open spaces. This project is part of the overall waterfront improvement program. This project includes funding from the Waterfront Local Improvement District.	Multiple	$	3,000
MC-TR-C079	Route 40 Transit-Plus Multimodal Corridor	This project will design and construct transit speed and reliability improvements and upgraded bus stop passenger facilities. Improvements to the route, which connects Downtown, South Lake Union, Fremont, Ballard, and Northgate, will support conversion to RapidRide service by partner agency King County Metro.	Various	$	1,752
MC-TR-C087	SR-520 Project	This project provides policy, planning, and technical analysis support to the Washington Department of Transportation's SR-520 project. This regional project includes the replacement of the SR-520 bridge with a six-lane bridge, new freeway interchanges at Montlake Boulevard and Lake Washington Boulevard, and other improvements.	SR-520	$	1,641
MC-TR-C088	Sound Transit 3	This program funds the City of Seattle's support for and coordination with Sound Transit on the West Seattle and Ballard Link Extensions. Work includes review of planning, environmental, and design materials, as well as permit review for the projects.	VARIOUS	$	8,653
MC-TR-C090	Heavy Haul Network Program - East Marginal Way	This program supports freight mobility by funding roadway improvements on the Heavy Haul Network (Ordinance 124890) to meet the needs of freight transported on our streets between Port facilities, rail yards, and industrial businesses. The initial project under this Program is the E Marginal Way Corridor Improvement project, which will be a multi-phase project. Phase I constructs a separated bicycle/pedestrian facility between S Atlantic St and Spokane St. Phase II includes roadway reconstruction, signal and ITS enhancements and safety measures to reduce conflicts between freight and non-motorized users. The Port of Seattle, through Memorandum of Understanding, is to provide partnership funding. Note: The project title changed from "Heavy Haul Network Program" to "Heavy Haul Network Program - East Marginal Way"	E Marginal WAY	$	4,500
MC-TR-C118	Aurora Avenue North Safety Improvements	This project will design and construct improvements along the Aurora Avenue North corridor. This project seeks to improve safety, mobility, and accessibility for all travelers. Improvements may include new sidewalks, transit improvements, medians/access management, lighting, signalized crossings, and potential roadway channelization changes.	Aurora Avenue North	$	5,568
MC-TR-C123	NE 130th St/NE 125th Corridor Improvements	This project will establish an east-west multimodal corridor to connect people to the future NE 130th St light rail station by implementing transit reliability, safety, access, bus stop amenities, and pedestrian and bicycle improvements. The project area includes NE 130th St from approximately 1st Ave NE to 5th Ave NE including the NE 130th St I-5 overpass, Roosevelt Way NE from 130th St to 10th Ave NE, and NE 125th St from 10th Ave NE to Lake City Way NE.	(blank)	$	5,880

**Amounts in thousands of dollars.*

MC-TR-C124	Revive I-5 Project Support	"Revive I-5: Preserving a Vital Freeway" is a State of Washington project with dozens of preservation projects planned to revive Interstate 5 in King and Snohomish counties. The State's Revive I-5 projects will include pavement repair and full replacement, expansion joints, and seismic work to strengthen bridges against earthquakes. The City of Seattle will support the State's efforts by installing transit priority measures and other operational improvements on City streets, that may include dedicated bus priority lanes, new signal improvements and communication systems. The City will also support this effort with commute trip reduction programs, real-time support for signal timing changes, transportation operations monitoring, and communication of real-time traffic conditions and incident response.	Citywide	$ 550
MC-TR-C125	Safe Streets and Roads for All	This project will design and construct a variety of proven countermeasures that are heavily concentrated in our most disadvantaged and disinvested communities. The project focuses on high-impact safety improvements such as an upgraded bicycle facility, sidewalks, leading pedestrian intervals, upgraded ADA ramps, accessible pedestrian push button signals, marked crosswalks, and traffic calming tools like speed cushions.	Citywide	$ 10,017

Seattle Parks and Recreation

Project ID	Project Name	Project Description	Location	2025 Budget (000s)
MC-PR-21005	Smith Cove Park Development	This project develops a portion of Smith Cove Park located just west of Pier 91 on Elliott Bay. The park will be developed based on a planning and design process for the site that took place in 2016. The project will include renovation to the playfield and development of a new off-leash area; picnic area, and related work primarily on the west side of the park. The improved park will provide waterfront access and ADA accessibility, provide enhanced opportunities for active recreation, and make the park inviting and usable for more people.	W Galer ST	$ 1,000
MC-PR-41040	Lake City Community Center Redevelopment	This project will replace the current Lake City Community Center with a new facility and perform other related work. The new Lake City Community Center will be more accessible for all users and include improved recreation spaces. The project began with a feasibility study that identified the probable costs associated with a variety of options such as underground parking, gym size, possible childcare rooms and facilities, and number of floors and other recreation spaces.	12531 28th Avenue NE	$ 2,163
MC-PR-41071	Green Lake Community Center & Evans Pool Substantial Alteration	This project will provide a comprehensive renovation of Green Lake Community Center and Evans pool to extend the life of the facility and update it to meet current programming needs, building code compliance, standards, and other related items.	7201 E Green Lake DR N	$ 521
MC-PR-41072	West Queen Anne Playfield Conversion	This project will improve playability and increase year-round athletic field capacity at West Queen Anne Playfield. The existing natural turf field will be replaced with a synthetic field, and paths will be re-paved to improve accessibility, along with related work. The new	1901 1st AVE W	$ 1,336

**Amounts in thousands of dollars.*

		synthetic turf field will expand capacity and play-time in an area of the city with few synthetic turf athletic fields.		
MC-PR-41074	Soundview Athletic Field Conversion	This project funds construction for a renovated west athletic field at Soundview Playfield. The existing grass playfield will be converted to synthetic turf. Athletic field lighting and on-site storm water retention facilities will be installed and pathways and dugouts will be renovated to improve access for people of all abilities.	1590 NW 90th St	$ 6,173
MC-PR-41075	Carkeek Park Bridge Replacement Project	This project replaces and removes the existing pedestrian bridge that provides access to the beach at Carkeek Park and other related items. Examples of work include but are not limited to installing new bridge foundations, columns, and decking, improvements to the parking lot and walkways to ensure accessibility, and repair of parking lots and roadways that may be impacted by construction traffic.	950 NW Carkeek Park Road	$ 2,704
MC-PR-41076	Amy Yee Tennis Center Renovation	This project provides building envelope and structural upgrades to stabilize Amy Yee Tennis Center. Examples of work includes re-roofing, insulation, structural upgrades, and addressing the building water penetration from the hillside. New court heating and ventilation and lighting replacement would also be implemented if budget allows, in addition to other interior renovations as identified in in the 2019 feasibility study. These improvements would greatly improve the playing experience at the center and reduce the risk of additional deferred maintenance caused by the current roof and walls which have a number of known active leaks.	2000 Martin Luther King Jr. Way, S.	$ 6,000

Seattle Public Utilities

Project ID	Project Name	Project Description	Location	2025 Budget (000s)
MC-SU-C1418	Reservoir Covering-Lake Forest	This project addresses the need for a new cover on Lake Forest Park Reservoir once it has reached the end of its useful life. The project will evaluate options for a new cover, including replacing the existing floating Hypolan cover with a similar design. A new cover will be designed and constructed to maintain and improve the water quality protection and security enhancement functions of the existing cover.	Lake Forest Park	$ 6
MC-SU-C1419	Reservoir Covering-Bitter Lake	This project addresses the need for a new cover on Bitter Lake Reservoir once the existing floating cover has reached the end of its useful life. Replacing the existing structure with a new hard covered structure within the same footprint will be one of the options considered. A new cover will be designed and constructed to improve and maintain the water quality protection and security enhancement functions of the existing cover.	N 143rd St and Linden Ave N	$ 820
MC-SU-C1607	Downstream Fish Habitat	This project provides protection and restoration of fish habitat along the lower Cedar River, below the City's municipal watershed boundary at the Landsburg Dam and includes both acquisition of habitat lands and habitat restoration on the main stem of the Cedar River. This project is a requirement of the Cedar River Habitat Conservation Plan (HCP).	Cedar River Watershed	$ 500

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-SU-C2302	South Recycling Center	SPU postponed South Transfer Station phase construction and a smaller project is proceeding to complete cleanup work at the old South Park Landfill. SPU decided to postpone development plans (including the construction of the recycling facility) to allow a more holistic evaluation of future needs and job opportunities that best support our zero-waste vision. A recycling facility may still be included in the future plans, but partial development of the site at this time could severely limit what we can do in the future. The scope of the project has been reduced to only include the remediation of the South Park Landfill (required under a Consent Decree), minimal operational improvements, and a path along 5th Avenue to mitigate the street vacation at the new South Transfer Station. The reduced STS2 project will be designed during 2021-2022 and constructed in 2023. Future site development plans will happen over the next 5 years in a parallel process.	8100 2nd AVE S	$ 6,562
MC-SU-C2304	South Park Development	This project studies, plans, designs and constructs remediation of the historic South Park Landfill site to minimize environmental impacts. SPU owns a portion of the site on which the landfill once operated, and was a historic operator of the landfill at one time. This project will meet the requirements of a Consent Decree with the Washington Department of Ecology for remediation of the historic South Park Landfill. This project is tied to the STS 2 project and some redesign of remedial elements will be required and along with the other scope changes mentioned previously, construction has been further delayed to 2026.	8100 2nd AVE S	$ 1,840
MC-SU-C3614	Ship Canal Water Quality Project	The City of Seattle (the City) has prepared a comprehensive strategy, called The Plan to Protect Seattle's Waterways (the Plan) to reduce overflows and discharge of pollutants from combined sewers and the storm drain system. The City must control sewer discharges to protect public health, the environment, to comply with the Clean Water Act, the United States District Court Consent Decree, and State regulations. On May 29, 2015, the City submitted the plan to EPA and Ecology for approval. The largest project identified in the Plan is the Ship Canal Water Quality Project. This project is a joint project between SPU and King County to design and construct a storage tunnel to capture Combined Sewer Overflows for 5 SPU outfalls and two King County outfalls. The tunnel will be 2.7 miles long and run from Wallingford to Ballard. The tunnel will be approximately 18 feet in diameter and have a storage volume of about 30 million gallons. The purpose of the project is to bring all seven outfalls into compliance with the State's control standard of one untreated overflow per year per outfall on a 20-year moving average. Note all City/County funding allocations are for informational purposes, only. Actual resource allocations will be determined through ongoing project governance agreements and interagency coordination between the City and King County.	West Ship Canal	$ 85,828

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-SU-C3806	South Park Stormwater Program	This program constructs a pump station (PS), a water quality facility (WQF), and additional drainage conveyance in South Park. The PS will allow the existing storm drain outfall to drain the system when the tide is high and will support future drainage projects. The WQF will treat most stormwater flows from the basin, reducing pollutant loading to the Duwamish. Excessive flows will bypass the WQF and be pumped directly to the river. This program was formerly titled "South Park Pump Station."	698 S Riverside DR	$	7,242
MC-SU-C4102	Alaskan Way Viaduct & Seawall Replacement Program	This project relocates, replaces, and protects water infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This project encompasses many sub-projects which are collectively known as the Alaskan Way Viaduct and Seawall Replacement project (AWVSR project). The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.	Various	$	192
MC-SU-C4130	Streetcar Related Projects	This project plans and relocates SPU assets that will be impacted by the SDOT-led First Hill Streetcar project and related streetcar projects, which will connect major employment centers on First Hill to the regional light rail system stations on Capitol Hill and in the International District. It is currently in the construction phase.	Various	$	4,412

**Amounts in thousands of dollars.*