

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Department of Parks and Recreation</u>				
K733239-02	12th Avenue Park Development	This project will provide a small urban park,	0	564 12th AVE
K732383	Basketball Court Lighting	This project will increase the potential hours for use of the courts.	50	3700 S Alaska St 7200 Beacon Ave S
K73484	Belltown Neighborhood Center	This project will provide approximately 6,000 square feet of leased space on an ongoing basis to accommodate community gatherings in the Belltown area.	0	2407 1st Ave
K733072	Capitol Hill Park Development	This project will develop a 17,145 square foot site. The scope of work will be developed through a community process.	0	16th Ave/E Howell St
K732394	Central Waterfront Promenade Development	Funds are To Be Determined and will be allocated when the scope is further defined.	0	
K732370	Cheshiahud Trail	This project will add and enhance bicycle and pedestrian trails. Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	350	Around Lake Union
K733080	Crown Hill School Open Space Development	Capacity will depend on project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	Holman Rd NW/13th Ave NW
K732381	Denny Park Lighting	This project will add eight light fixtures to the park.	0	100 Dexter Avenue North
K731231	Discovery Park - Capehart Acquisition	This project will purchase 23 acres of property which will be restored to open space and natural habitat.	808	3801 W Government Wy
K733082	First Hill Park Development	This project will add an approximately 10,000 square foot neighborhood park.	0	TBD
K733002	Green Space Acquisition General	This project will acquire various new properties.	0	Citywide
K732348	Hubbard Homestead Park (Northgate) Development	This CIP project will develop and preserve 3.73 acres of open space in the Northgate area and serve future residential development in the area.	0	NE 112th St/5th Ave NE
K733131	Jefferson Park - Beacon Reservoir Acquisition & Development	This project will make substantial improvements to approximately 34 acres of an existing park.	0	4165 16th Ave S
K73570	Jefferson Park - Play Area Replacement	This project will increase the play area by up to approximately 3,000 square feet.	0	4165 16th Ave S
K733094	Jefferson Park - Tennis Courts	This project will develop 0.2 acres into two new tennis courts.	0	4165 16th Ave S

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
K733064	John and Summit Park Development (Bellevue Substation)	Capacity will depend on project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	Summit Ave East/East John St
K733232	Junction Plaza Park Development	This project will create a 9,600 square foot park in southwest Seattle.	0	42nd Av SW/SW Alaska
K733134	Lake Union Park - Development (formerly South lake Union Park - Development)	This project will redevelop approximately 12 acres of largely unimproved open space to serve as active parkland.	0	1000 Valley St
K733140	Magnuson Park - Athletic Field Renovation	This project will develop five athletic fields.	0	6500 Sand Point Wy NE
K73965	Magnuson Park North Shore, Pier and Log Boom	This project will enhance 1,200 lineal feet of shoreline.	0	Magnuson Park Shoreline
K733133	Magnuson Park Wetlands Development	This project will redevelop approximately 65 acres of wetlands.	0	6500 Sand Point Wy NE
K733104	Myrtle Reservoir Development	Capacity will depend on the project scope that will be the subject of negotiations with Seattle Public Utilities and additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	35th Ave SW/SW Myrtle St
K73861	Parks Upgrade Program	Capacity will depend on the project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	508	Citywide
K732337	Rainier Beach Community Center Redevelopment	This project will replace the existing community center and swimming pool.	0	8802 Rainier Ave S
K732365	Skatepark Plan Implementation	This project will increase capacity for skateboarding throughout the City. The exact increase will be determined during the planning process.	0	Citywide
K733081	Thomas C. Wales Park Development (formerly Dexter Pit Park Development)	This project will improve 22,130 square feet of the 57,956 total square feet of the property.	0	Dexter Ave N/McGraw St
K733124	University Heights Open Space Improvements	Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	University Wy NE/NE 50th St
K733163	Voluntary Green Space Conservation	Capacity will depend on the properties acquired.	0	Citywide
K733127	Washington Park Arboretum - Improvements	This project will improve the existing 230-acre Washington Park Arboretum.	0	2300 Arboretum Dr E

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Fleets and Facilities Department</u>				
A1GM501	Civic Square	The Civic Square will extend the accessible public space of the municipal civic center in a manner consistent with the Civic Center Master Plan.	0	600 3rd Ave
A1FL106	Fire Station 06	This project replaces the existing Fire Station 6 with a new 13,000 square foot facility, adding approximately 8,000 square feet.	0	2615 S Jackson St
A1FL109	Fire Station 09	This project replaces the existing Fire Station 9 with a new 8,200 square foot facility, adding approximately 2,500 square feet. This station will continue to provide compressed air fill service for the north end.	0	3829 Linden Ave N
A1FL114	Fire Station 14	This project renovates or replaces the existing Fire Station 14, adding approximately 5,000 square feet.	63	3224 4th Ave S
A1FL117	Fire Station 17	This project renovates the existing Fire Station 17, adding approximately 5,000 square feet, and provides a new lead fire station for the northeast sector of Seattle, including moving the battalion chief's office.	0	1050 NE 50th St
A1FL120	Fire Station 20	This project replaces the existing Fire Station 20 with a new 8,400 square foot facility, adding approximately 5,500 square feet.	0	3205 13th Ave W
A1FL121	Fire Station 21	This project replaces the existing Fire Station 21 with a new 8,200 square foot facility, adding approximately 4,200 square feet.	0	7304 Greenwood Ave N
A1FL122	Fire Station 22	This project replaces the existing Fire Station 22 with a new 8,200 square foot facility, adding approximately 4,000 square feet.	0	901 E Roanoke St
A1FL128	Fire Station 28	This project replaces the existing Fire Station 28 with a new 14,200 square foot facility and may add a 5,400 square foot Urban Search and Rescue (USAR) building to the site, for a total of approximately 10,600 square feet.	0	5968 Rainier Ave S
A1FL130	Fire Station 30	This project replaces the existing Fire Station 30 with a new 9,000 square foot facility, adding approximately 5,500 square feet.	0	2931 S Mount Baker Blvd
A1FL132	Fire Station 32	This project replaces the existing Fire Station 32 with a new 20,000 square foot facility, adding approximately 11,500 square feet.	3,380	3715 SW Alaska St

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
A1FL135	Fire Station 35	This project replaces the existing Fire Station 35 with a new 11,000 square foot facility, adding approximately 1,700 square feet.	0	8729 15th Ave NW
A1FL137	Fire Station 37	This project replaces the existing Fire Station 37 with a new 9,300 square foot facility, adding approximately 5,100 square feet.	0	7700 35th Ave SW
A1FL138	Fire Station 38	This project replaces the existing Fire Station 38 with a new 8,200 square foot facility, adding approximately 5,500 square feet.	0	4004 NE 55th Street
A1FL139	Fire Station 39	This project replaces the existing Fire Station 39 with a new 12,000 square foot facility, adding approximately 9,000 square feet.	0	12705 30th Ave NE
A1FL151	Fire Station Emergency Generators	This project ensures uninterrupted fire department operations when the power fails.	380	Multiple Fire Station locations
A1GM302	Haller Lake Material Storage Covers	Free-standing covers for approximately 23,000 square feet of yard space.	0	12600 Stone Ave N
A1PS301	Municipal Jail	Seattle is partnering with the North East Cities (NEC) to plan for a joint facility to meet jail bed needs. A facility of about 275,000 square feet will provide enough space to house 640 misdemeanants and a full arraignment court.	0	TBD

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Seattle Center</u>				
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0	5th Ave N/Republican St
S0103	Theatre District Improvements	This project will add one acre of additional green space.	0	Mercer St/2nd Ave N/5th Ave N

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Seattle City Light</u>				
8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocations	This project will fund design review, project management, and other costs of City Light related to utility relocation associated with the Alaskan Way Viaduct and Seawall Replacement project.	4,180	SR 99 / Battery St
6489	Boundary Dam - Safety Instrumentation House	This project will consolidate safety instrumentation equipment and onsite monitoring at a central location to enhance dam performance monitoring.	135	10382 Boundary Rd, Metaline, WA
6350	Boundary Dam - Units 51-54 Turbine Pit Cranes	This project will install monorail hoist systems in the Units 51-54 turbine pits which will facilitate maintenance and assembly of wicket gate linkages and other components in the turbine pits.	0	10382 Boundary Rd, Metaline, WA
6383	Boundary Dam - Units 51-56 Penstock Flow Monitoring	This project will install a permanent means of monitoring water flow in the Boundary Dam turbines.	0	10382 Boundary Rd, Metaline, WA
6412	Boundary Facility - Improve Radio Systems	This project will increase radio communication capabilities by installing a new simulcast system to prevent the overlap of the existing signals and installing Radiax cable to extend coverage where it is currently not available.	0	10382 Boundary Rd, Metaline, WA
6407	Boundary Facility - Mucking Tunnel Drip Shields	This project will install drip shields and and/or awnings to control water drips and provide dry storage at the Boundary Facility.	0	10382 Boundary Rd, Metaline, WA
6493	Boundary Switchyard - Generator Step-up Transformers	This project will purchase a spare step-up transformer.	0	10382 Boundary Rd, Metaline, WA
7775	Broad Street Substation - Capacity Additions	This project will add a fourth 115/26kV power transformer and a 26kV bus to the substation, increasing capacity by 84 megawatts.	4	319 6th AV N
8203	Broad Street Substation - Network	This project will install new vaults and conduits in the Broad Street Substation service area.	3,719	319 6th AV N
8321	Burien Undergrounding - 1st Ave South	N/A	4	1st Ave South/160th Street/145th Street
8401	Burien Undergrounding - Phase 2	This project will fund the undergrounding of electrical distribution facilities during Phase 2 of the 1st Avenue South road improvement project in Burien.	2,244	1st Ave South/145th Street/139th Street

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
8420	Cedar Falls - Chester Morse Lake Pump Station Line Extension	This project will design and construct a 12,000 foot, 26.4 kV dedicated distribution line from an existing 115 kV transmission line and nearby new switchyard to Seattle Public Utilities (SPU)-owned facilities at the Masonry Dam near Chester Morse Lake.	1,260	19901 Cedar Falls Rd SE, North Bend,
6480	Cedar Falls - Server Room	This project secures the Cedar Falls server system in compliance with North American Electric Reliability Corporation standards.	200	19901 Cedar Falls Rd SE, North Bend,
7805	Cedar Falls Switchyard - Expansion for Morse Lake Pumps	This project will construct a tap into an existing 115 kV Rattlesnake Lake transmission line, and provide design and construction of a new switchyard that will supply dedicated electric power to Seattle Public Utilities.	2,423	19901 Cedar Falls Rd SE, North Bend,
8403	Citywide Undergrounding Initiative - City Light	This project will underground City Light's electrical infrastructure, taking advantage of undergrounding opportunities in the course of transportation and utility projects in the City.	3,069	System Wide
9932	Complex Billing System	This project replaces the current billing system with a new one providing more efficient, reliable billing & customer service. It includes a meter data management system for better systems integration & providing expanded use of automated meter reading.	885	System Wide
8430	Creston-Nelson to Intergate East Feeder Installation	This project will install a new feeder.	4,150	Tukwila
8433	Cruise Ship Service Connections	This project will install electrical service connections to the docks which support cruise ships moored in Elliott Bay.	0	Elliott Bay
6474	Diablo Facility - Helicopter Pad	This project will provide continued helicopter access to the Diablo and Ross facilities by developing a helicopter pad.	0	Milepost 126 State Highway 20
6481	Diablo Facility - Storage Building	This project will construct a new storage/work building.	118	Milepost 126 State Highway 20
6413	Diablo Powerhouse - 240 KV Bus Tap for Station Service	This project installs a bus tap, transformer, and other equipment to enable the powerhouse to tap into the 240 kV ring bus in the Diablo Switchyard.	0	Milepost 126 State Highway 20
6365	Diablo Powerhouse - DC Lighting Systems Upgrade	This project replaces out-of-date AC/DC lighting systems at Diablo Powerhouse with more energy-efficient systems.	328	Milepost 126 State Highway 20

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
9925	Disaster Recovery/Business Continuity	This project will install equipment and software that will allow staff to maintain operational capability of the IT corporate network and critical applications infrastructure during or after an emergency or disaster.	314	System Wide
9307	Distribution Area Communications Networks	This project will provide fiber rings to Seattle-area facilities to create a secure digital communications network.	1,636	Citywide
8425	Distribution Automation	This project will create a Distribution Automation System that provides significant operational benefits.	0	Citywide
8359	East Pine to South and Creston Load Transfer	This project transfers 30 MVA from the East Pine Substation to the South and Creston Nelson substations. Mainstream feeder lines will be installed or upgraded and switches installed along those feeders to transfer the load and relieve East Pine.	377	1555 23rd AV
9328	Fiber Protection - Concrete to Corkindale Creek	This project installs fiber optic cable between Concrete and Corkindale Creek in partnership with PSE.	309	State Highway 20, from Concrete to
6470	Generation Federal Reliability Standards Improvements	This ongoing project will provide compliance with emergent standards mandated by regulatory agencies for power production regional reliability.	971	500 Newhalem Creek Rd, Marblemount,
6302	Gorge Facility - Second Tunnel Installation	This project will design and construct a second water tunnel at the Gorge Facility, resulting in an additional annual production of up to 50,000 MWH's.	951	Milepost 121 State Highway 20
6326	Gorge Powerhouse - Fire Protection Improvements	This project will install a water based fire-suppression system increasing the fire suppression capability.	91	Milepost 121 State Highway 20
8365	Large Overhead and Underground Services	This project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 3 MVA or larger and 26 kV radial service.	3,594	System Wide
8441	LED Streetlight Conversion Program	This project replaces 41,000 streetlight fixtures with LED streetlight fixtures.	1,403	Citywide
9940	Lifecycle Asset Management Program	This project will design, develop and implement an integrated asset management program. It will provide for a complete inventory of SCL assets and condition of the assets, and allow for informed maintenance, repair, renew and replace decisions.	406	700 5th Avenue
8202	Massachusetts Street Substation - Networks	This project will install new vaults and conduits in the Massachusetts Street Substation service area.	4,301	1555 Utah AV S

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
8366	Medium Overhead and Underground Services	This project provides medium size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial service.	5,895	System Wide
8376	Mercer Corridor Relocations	This project will convert existing overhead power distribution systems to underground and relocate existing transmission lines underground.	1,418	Mercer Street & I - 5/Dexter Ave N
8054	Meter Additions	This project will install new meters and upgrade existing meters annually.	3,102	System Wide
8429	Mobile Workforce Implementation	This project will provide mobile communication and computing equipment for Seattle City Light workers to use in the field.	0	Citywide
8383	Neighborhood Voluntary Undergrounding Program	This project will provide City Light resources to serve potential Voluntary Undergrounding Program customers.	497	System Wide
8363	Network Additions and Services: Broad Street Substation	This project will provide electrical service connections and related improvements in response to customer service requests, including replacing or installing network transformers, network protectors, and specialty transformers.	7,541	319 6th AV N
8364	Network Additions and Svcs: First Hill, Mass, Union & Univer	This project will provide electrical service connections and related improvements in response to customer service requests, including replacing or installing network transformers, network protectors, and specialty transformers.	5,604	1555 Utah AV S
8129	Network Hazeltine Upgrade	This project will install upgraded equipment in the existing network transformer monitoring system.	684	System Wide
6424	Newhalem - Shop Facilities and Equipment Improvements	This project remodels the Newhalem garages, expands the machine shop into existing tire shop, extends the entire shops building to relocate the tire shop, constructs an overhead crane for the machine shop and modifies the crane in the steel shop.	0	500 Newhalem Creek Rd, Marblemount,
7757	North Downtown Substation Development	This project will provide property acquisition and site remediation for a future 220 MVA substation in North Downtown.	0	System Wide

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
9103	Office Furniture and Equipment Purchase	This project acquires office equipment and furniture costing more than \$5,000 for modular office workstations, conference room ensemble furniture, and major office machines for space created or modified under the workplace and process improvement program.	11	System Wide
8355	Overhead Customer Driven Capacity Additions	This project builds new and replaces old line segments, and replaces rotten and damaged poles in the distribution system. This work is driven by specific customer projects and is for their direct benefit. The customers will reimburse City Light.	3,921	System Wide
8356	Overhead System Capacity Additions	This project builds new and replaces old line segments, replaces rotten and damaged poles in the distribution system. City Light customers pay for some of this work.	2,470	System Wide
7755	Power Stations Demand Driven Improvements	This project will fund upgrades to substations equipment that are funded by external agencies.	8	System Wide
6452	Ross Dam - New Access Road from SR20 to Dam	This project will construct an access/service road from SR 20 to Ross Dam.	0	500 Newhalem Creek Rd, Marblemount,
6166	Ross Powerhouse - Fire Protection Systems Modification	This project will install a water spray generator fire suppression system increasing and improving the fire suppression system.	361	Milepost 128 State Highway 20
6456	Ross Powerhouse - Storage Building	This project will design and erect a 1,500 square foot heated and ventilated storage building at Ross Powerhouse, enabling storage of critical equipment and spare parts near the powerhouse and freeing up work space in the powerhouse.	0	Milepost 128 State Highway 20
9006	Safety Modifications	This project will modify City Light's facilities and provide equipment to protect employees and customers from health and safety hazards, and to meet safety and health code requirements.	222	Citywide
8444	SeaTac Undergrounding	This project undergrounds utilities in SeaTac along S. 154th Street between 24th Avenue South & 32nd Ave South.	1,631	S. 154th St / 24th Ave S./S. 154th St /
8320	Shoreline Undergrounding: North City and Aurora Avenue North	This project will address Phases Two and Three of work to convert overhead distribution circuits to underground along Aurora Avenue in the City of Shoreline (Shoreline).	8,700	2136 N 163rd St, Shoreline

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
6385	Skagit Facility - Network Controls	This project will install a basic control network and integrate existing, major control systems, resulting in improved monitoring and control and reduced outages.	1,188	500 Newhalem Creek Rd, Marblemount,
6421	Skagit Facility - Radio System Improvements	This project extends radio communication to areas inside the dams so that personnel can communicate immediately should there be a threat to personnel safety, a failure of mechanical or electrical equipment, or a concern about the dam structure.	0	10382 Boundary Rd, Metaline, WA
6388	Skagit Facility - Security Systems	This project provides security systems at Skagit camps and generating facilities including installation of automated gates, surveillance, and an access control and detection system.	70	500 Newhalem Creek Rd, Marblemount,
8367	Small Overhead and Underground Services	This project provides small size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of less than 50 KVA and 26 kV radial service.	6,160	System Wide
8204	Sound Transit Light Rail - City Light	This project will relocate City Light transmission and distribution facilities and provide service connections and capacity to the Sound Transit Link Light Rail project.	783	System Wide
6102	Special Work Equipment - Generation Plant	This project will acquire specialized materials, tools and equipment for use by Power Production facilities that will improve work efficiency.	1,125	Outside the City of Seattle
8389	Special Work Equipment - Shops	This project will provide new tools and work equipment to replace outdated equipment and update technical systems to current standards.	278	System Wide
8435	State Route 520 Bridge Replacement	This project will relocate electrical infrastructure to support replacement of the State Route 520 Bridge.	0	SR 520 / Lake Washington
8378	Streetlights: Arterial, Residential and Floodlights	This project provides additional street lighting as requested by various taxing jurisdictions and other customers.	3,078	System Wide
8424	Substation Automation	This project will provide funding to implement substation automation systems.	0	System Wide
7751	Substation Capacity Additions	This project will provide new infrastructure to existing substations and systems by adding transformers and related equipment.	1,255	System Wide

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
9161	Substation Comprehensive Improvements	This project will upgrade lunch and locker room facilities, work areas, and ventilation and heating systems in City Light substations.	178	System Wide
8369	Transportation Driven Relocations	This project moves electrical lines to accommodate projects of other agencies. It will increase delivery capacity by adding new or replacing old poles, and adds or renovates underground distribution system facilities.	2,113	System Wide
8377	Transportation Streetlights	This project will relocate City Light-owned streetlights as required by transportation projects.	1,751	System Wide
8360	Underground Customer Driven Capacity Additions	This project builds new underground lines, replacing old underground lines and replaces damaged poles in the distribution system with underground facilities beneath them. This work is driven by specific customer projects who will reimburse City Light.	3,847	System Wide
8201	Union Street Substation Networks	This project will install new vaults and conduits in the Union Street Substation service area.	1,377	1312 Western AV
8375	University to North & Canal Load Transfer	This project transfers 40 Megavolt amperes (MVA) from the University Substation to the Canal and North substations and involves the construction or upgrade of several miles of mainstream feeder lines and the installation of switches to transfer the load.	838	409 NE Pacific St
9101	Vehicle Replacement	This project will replace and expand City Light's heavy-duty mobile equipment fleet, and provide for the gradual replacement of light-duty vehicles owned by City Light.	7,318	System Wide
9941	Work and Asset Management System	This project will provide the data systems to support the integrated asset management program. This includes a work management system, improvements in the purchasing system, a compatible unit module, and an interface to City Light's proposed outage management system.	5,816	700 5th Avenue

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Seattle Department of Transportation</u>				
TC366220	14th Ave. S Street Improvements	This project will design and construct transportation and drainage improvements along 14 Ave. S.	10	14th Ave S/Dallas Ave S/S Director St
TC367000	15th Ave W/Elliott Ave W Street Improvements	This project will upgrade signal equipment and install and deploy ITS information systems.	341	15th Ave W/Denny Ave W/NW 90th
TC365730	35th Ave. NE Street Improvements	This project will upgrade and interconnect 23 traffic signals and provide street improvements.	0	35th Ave NE/NE 55th St/NE 95th St
TC366050	Alaskan Way Viaduct & Seawall Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	14,399	ALASKAN WY VI SB/BATTERY ST
TC367010	Alaskan Way Viaduct Intelligent Transportation System	This project will install and deploy ITS information systems.	0	Citywide
TC366250	Aurora Transit, Pedestrian, and Safety Improvements	This project will install pedestrian safety and access improvements and continuous transit lanes to improve transit service in the corridor.	0	Aurora Ave N/N 110th St/N 145th St
TC366210	Belltown/Queen Anne Waterfront Connections - Thomas St.	This project will construct a pedestrian overpass between Elliott Ave. W and Myrtle Edwards Park.	1,549	Elliott Ave W/W Thomas St
TC366760	Bike Master Plan Implementation	This program will install bike lanes and bicycle route signing, and complete links or reconstruct key sections of urban trails in order to increase bicycle safety and access.	4,174	Citywide
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	3,046	Various
TC366600	Center City Access Strategy Program	This project will make improvements to the Center City transportation network.	500	Downtown
TC367070	Cheshiahud Lake Union Trail Project	This project will install a six mile loop trail.	0	Lake Union
TC365690	Chief Sealth Trail	This project will construct 3.6 miles of multi-use trail, in phases I and II. Phase III of the project will construct an additional length of approximately one mile, for the Northern Extension from Beacon Avenue South to South Angeline Street/15th Avenue South.	0	Southeast
TC323860	Collision Evaluation Program	This project will provide safety improvements at hazardous intersections.	144	Citywide
TC365760	Denny Triangle Improvements	This project will develop street designs, and implement green street or open space amenities within the Denny Triangle.	0	Various
TC327010	Duwamish Bikeway	This project will install one-half mile of new multi-use trail.	0	W Marginal Wy SW

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
TC365700	Duwamish Intelligent Transportation Systems (ITS)	This project will upgrade traffic signal controller equipment, install CCTV cameras, interconnect the signals and cameras to the central Traffic Management Center, and install roadway signs.	519	Various
TC365850	Duwamish Truck Mobility Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	378	Duwamish
TC366380	Greenwood Avenue N Street Improvements	This project will add a center two-way left-turn lane and improve the street right-of-way.	118	Greenwood Ave N/N 105th St/N 112th
TC365870	Intelligent Transportation Systems (ITS) Plan Implementation	This project will install and deploy ITS information systems projects.	50	Citywide
TC365380	Lake City Way NE Multimodal	This project will interconnect 15 traffic signals and construct pedestrian and street improvements.	0	Lake City Wy NE/NE 145th St/12th Ave
TC327000	Lake Union Ship Canal Trail	This project will construct 0.75 miles of new trail.	270	W Nickerson St/6th Ave W/15th Ave W
TC323130	Left Turn Signals	This project will add between five and ten left turn signals annually.	289	Citywide
TC366930	Linden Avenue North Complete Streets	This project will install road improvements (concrete sidewalks, curb and gutters, and asphalt road section) on Linden from N 145th - N 128th.	335	Linden Ave N/N 128th St/N 145th St
TC366060	Magnolia Bridge Replacement Project	This project will build a new bridge to current engineering standards to replace the existing bridge.	0	W Garfield St/15th Ave W/Thorndyke
TC365500	Mercer Corridor Project	This project will provide transportation improvements to enhance all modes of travel, including pedestrian mobility, and better utilize existing street capacity in the South Lake Union area.	22,564	Mercer St/Fairview Ave N/Dexter Ave
TC367110	Mercer Corridor Project West Phase	The project will provide an east/west connection between I-5, SR99, and Elliott Ave W.	9,290	Mercer ST/Elliott AVE W/Dexter AVE
TC365750	Mountains to Sound Greenway Trail	This project will construct 0.25 miles of new trail.	10	TP-28 12th Ave. S/Golf Dr. S TP-28 4th Ave. S/S Royal Brougham
TC323250	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	374	Citywide
TC323610	New Traffic Signals	This project will install new traffic signals to improve traffic flow, reduce the frequency and severity of traffic accidents, and support pedestrian activity.	317	Citywide
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	0	Broad St B/Alaskan Way/Elliott Ave 100 S Orcas ST/S Orcas ST/S Orcas ST

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
TC366300	S Henderson Street Improvements	The project will improve access and mobility for pedestrians, transit, bicyclists, freight and vehicles.	10	S Henderson St.
TC366150	S Lander St. Grade Separation	The project will develop a grade separation of the S Lander St. roadway and the Burlington Northern mainline tracks between 1st and 4th Avenues S.	0	S Lander St/1st Ave S/4th Ave S
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	230	TBD
TC366310	Sound Transit Construction Services	This project will support construction and provide construction management services for Sound Transit's Central Link light rail project.	200	Various
TC364800	Spokane St. Viaduct	This project will install a temporary median barrier, make seismic improvements, widen the viaduct structure and build a new off-ramp at 4th Ave S.	25,769	S Spokane St/6th Ave S/E Marginal Wy
TC366960	SR-519 Phase II	This project will construct public plazas, relocate and construct public and private utilities, and construct a public elevator.	346	1st Ave S/Atlantic St
TC367030	Terry Avenue North Street Improvements	This project will build sidewalk and street improvements.	700	Terry Ave N/Thomas St/Mercer St
TC366860	Transit Corridor Projects	This project will construct transit and pedestrian improvements along four major transit corridors - Aurora Avenue N, Ballard to Downtown, West Seattle to Downtown, and Rainier Avenue S.	4,191	Citywide
TC367130	West Duwamish Trail	This project will build a new section of a multi-use trail.	2,000	TBD

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>Seattle Public Utilities</u>				
C4102-DWF	Alaskan Way Viaduct & Seawall Replacement Program - DWF	This project will relocate, replace and protect drainage and wastewater facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	2,543	SR 99 / Battery St
C4102-WF	Alaskan Way Viaduct & Seawall Replacement Program - WF	This project will relocate, replace and protect water facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	1,449	SR 99 / Battery St
C303101	Ballard Combined Sewer Overflow	This project will construct approximately 700,000 gallons additional Combined Sewer Overflow storage capacity.	0	Ballard
C1606	Ballard Locks Improvements	This project will fund the planning, design, and construction of freshwater conservation and smolt passage facilities at the Ballard Locks.	22	NW 54th St/30th Ave NW
C3313	Best Management Practice Program	This program will provide water quality improvement projects in the Norfolk, South Park, and Densmore drainage basins.	0	Citywide
C4119-DWF	Bridging the Gap - DWF	This program will fund projects for drainage and wastewater utility improvements and relocations associated with SDOT's "Bridging the Gap" program.	510	Various
C4119-WF	Bridging the Gap - WF	This program will fund projects for water utility improvements and relocations associated with SDOT's "Bridging the Gap" program.	4,543	Various
C1307	Cedar Bridges	This project will replace deteriorated bridges in the Cedar River Watershed.	100	Cedar River Watershed
C1605	Cedar Sockeye Hatchery	This project will construct an incubation facility capable of producing 34 million "swim-up" Sockeye fry.	4,802	Cedar River Watershed
C109005	Cedar Treatment Screening Improvements	This project will provide improvements at the Cedar water treatment plant and Lake Youngs intake to better manage screen clogging and flow metering interferences brought on by spring algae blooms in Lake Youngs.	408	16207 SE Petrovitsky Road, Renton
C3803	Densmore Basin Drainage Improvements	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	2,621	Densmore Basin
C206401	Disaster Debris Management Plan	This project will develop a citywide disaster debris management plan.	30	N/A

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	33	Citywide
C105095	Endangered Species Act Tolt Levee Modifications	This project will improve critical Chinook salmon habitat and construct a new setback levee at the edge of the Tolt River floodplain.	153	City Of Carnation
C303102	Fremont-Wallingford Combined Sewer Overflow	This project will construct additional Combined Sewer Overflow capacity.	0	Various
C307019	Georgetown Flume Drainage Improvements	This project will provide formal drainage for over 6-acres of commercial/industrial and right of way property that currently drains into the existing informal system.	183	S Willow St/E Marginal Way S at Slip 4
C301303	High Point Drainage System	This project will add 34 blocks of natural drainage system in the Seattle Housing Authority High Point 120-acre redevelopment.	101	SW Juneau St/SW Myrtle St/High Point
C206601	Historic Landfill Improvements	This project may start as a study/evaluation and is not anticipated to change existing capacity.	50	Citywide
C309003	Inflow/Infiltration Control	This project will improve the capacity of the sewer system by reducing inflow and infiltration (I/I) to sanitary sewers from side sewers and other pipe openings.	0	Citywide
C205406	Kent Highlands Agency Negotiations	N/A	12	23076 Military Rd S, Kent
C205404	Kent Highlands Flare Improvement	This project will fund design and construction associated with the continued operation of the Kent Highlands gas flare facility.	522	23076 Military Rd S, Kent
C305202	Lakewood Raincatcher Pilot Project	This project will construct 18 cisterns and 11 raingardens in the Lakewood neighborhood of S. Seattle.	364	South Alaska - S. Findlay Streets/51-54
C1604	Landsburg Fish Passage Monitoring	This project will plan, design, and construct fish passage facilities.	290	Cedar River Watershed
C3802	Localized Flood Control Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	1,357	Various
C308039	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	8,160	Various
C307014	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	10,812	Various

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
C410005	Mercer Corridor Project West Phase – DWF	This project will provide drainage and wastewater utility improvements related to the SDOT Mercer Corridor Project West Phase.	507	Mercer ST/Elliot AVE W/Dexter AVE
C410004	Mercer Corridor Project West Phase – WF	This project will provide water utility improvements related to the SDOT Mercer Corridor Project West Phase.	168	Mercer ST/Elliot AVE W/Dexter AVE
C205407	Midway Agency Negotiations	N/A	9	24808 Pacific Hwy S, Kent
C207003	Midway Flare Improvements	This project may fund design and construction associated with the continued operation of the Midway gas flare facility.	76	24808 Pacific Hwy S, Kent
C203005	Miscellaneous Station Improvements	This project may fund short-term improvements to the existing Solid Waste stations.	309	8101 2nd Ave S
C103032	Morse Lake Pump Plant	This project will either make modifications to the existing Morse Lake Pumping Plants or construct a more reliable and cost-effective alternative system.	11,750	Cedar River Watershed
C207005	North Transfer Station Rebuild	This project will replace the existing facility to increase the capacity to recycle waste and transfer non-recyclable materials.	1,360	1350 N 34th St
C4106-DWF	Operational Facility - Construction - DWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	19	Citywide
C4106-SWF	Operational Facility - Construction - SWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	0	Citywide
C4106-WF	Operational Facility - Construction - WF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	356	Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	32	2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	13	2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	73	2700 Airport Way S
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	1,022	Various

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	1,214	19901 Cedar Falls Rd SE, North Bend
C1504	Regional Water Conservation Program	This project will extend SPU's water supply by up to 11 MGD using demand reduction from customer upgrades in water-using facilities and equipment to be more water efficient.	3,025	Citywide Plus Wholesale
C101060	Reservoir Covering - Beacon	This project will underground Beacon Reservoir to protect drinking water quality.	1,501	S Spokane St/Beacon Ave S
C101078	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	12,440	NE 86th St/Roosevelt Wy NE
C101076	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	300	SW Myrtle St/35th Ave SW
C101059	Reservoir Covering - Volunteer	This project will underground Volunteer Reservoir to protect drinking water quality.	54	E Prospect St./12th Ave. E
C101075	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality.	6,300	SW Henderson St/8th Ave SW
C303103	S Genesee Combined Sewer Overflow	This project will construct or modify facilities to manage Combined Sewer Overflow control volumes totaling approximately 3 to 5 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	3,162	S Genesee St.
C304102	S Henderson Combined Sewer Overflow Storage	This project will construct or modify facilities to manage Combined Sewer Overflow control volumes totaling approximately 26 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	2,754	S Henderson St.
C333307	Salmon Bay Phase 2 Acquisition & Restoration	This project will restore shoreline habitat and improve public access to the shoreline.	1	Salmon Bay
C1505	Seattle Direct Service Additional Conservation	This project will upgrade water-using facilities to be more water efficient and accelerate conservation savings by 3 million gallons per day in conjunction with reservoir covering, other system efficiencies, and upgrades to low income customer facilities.	765	Citywide & Direct Service
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	26	Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	17	Citywide
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	1,456	Citywide

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
C405430	Sound Transit - Water Betterment	This project will fund the relocation or replacement of water mains and other facilities related to the development of Sound Transit's Light Rail system.	214	Central & South areas of Seattle
C206402	South Park Development	This project will investigate and remediate contamination at the historic South Park Landfill.	920	8100 2nd Ave S
C308011	South Park Pump Station	This project will construct a pump station and water quality facility in the South Park Basin.	9,081	S Riverside Dr/7th Ave S
C207002	South Recycling Disposal Station Household Hazardous Waste Relocation	This project will relocate the South Household Hazardous Waste (SHHW) facility and make facility improvements required by code.	0	8105 5th Ave S
C2302	South Transfer Station Rebuild	This project will replace the existing facility to increase the capacity to recycle more solid waste and improve the transfer capability of non-recyclable materials.	22,298	8100 2nd AVE S
C399315	Taylor Creek Culvert Replacement	This project will design and construct fish passage improvements.	0	Taylor Creek at Rainier Ave S
C343306	Thornton Creek Water Quality Channel Project	This project will fund preliminary engineering, design, and construction of a water quality facility.	150	330 NE 100th Street
C1112	Water Infrastructure - New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	112	Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 1,800 new taps per year to domestic, commercial, and fire protection systems.	8,207	Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	1,530	Citywide
C1102	Water Infrastructure-Seismic Upgrade Pipelines	This project will provide seismic improvements to make major pipelines more earthquake resistant.	306	Citywide
C107020	Water Quality Equipment	This project will install online water quality monitoring equipment in multiple existing facility locations throughout the distribution system.	200	Various
C302103	Windermere Combined Sewer Overflow Storage	This project will construct approximately 3,000,000 gallons of Combined Sewer Overflow storage capacity.	8,181	Windermere Basin

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

New or Expanded Capital Facilities

Proj Nbr	Project Title	Capacity	2010*	Location
<u>The Seattle Public Library</u>				
BLOPT	Opportunity Fund for Neighborhood Library Projects	This project will expand library space by 5,000 square feet for the new South Park Branch Library.	0	Citywide

* Amounts are in thousands of dollars

2010 - 2015 Proposed Capital Improvement Program

