



City of Seattle Business Opportunities Forum

Architecture and Engineering Consultants

February 24, 2016

Bertha Knight Landes Room, Seattle City Hall

Welcome

Participating Capital Departments

Seattle Public Utilities

Seattle City Light

Office of the Waterfront

Seattle Department of Transportation



Agenda

Welcome	Vicky Schiantarelli, Seattle Public Utilities
	Javier Valdez, Mayor's Office
Business Opportunity Presentations <ul style="list-style-type: none">• SCL- Introduction• SCL- Boundary Hydro-Facility Generator Overhauls• SCL- Boundary Recreation Site Improvements• Office of Waterfront- Pike/Pine Streetscape Improv.• SDOT- Move Seattle• SDOT- Bus Rapid Transit• SPU- SSO Capacity Program and Localized Flooding• SPU- Ship Canal Project• SPU- CSO Reduction Program Support• SPU- Water Upcoming Projects• SPU- Sewer Rehabilitation	<ul style="list-style-type: none">• John Trausch• Chris Woelfel• Mike Aronowitz• Steve Pearce• Elliot Helmbrecht• Michael James• Don Anderson• Dan Enrico• Ben Marre• Bill Heubach• Tanya Treat
WMBE Updates <ul style="list-style-type: none">• SDOT• SPU	Edson Zavala Jean Bailey
Program Updates	Vicky Schiantarelli
Q & A	Vicky Schiantarelli
Networking <ul style="list-style-type: none">• Business to business• Business to City	All





Seattle City Light Contract Opportunities

John Trausch

City Light WMBE Program Manager

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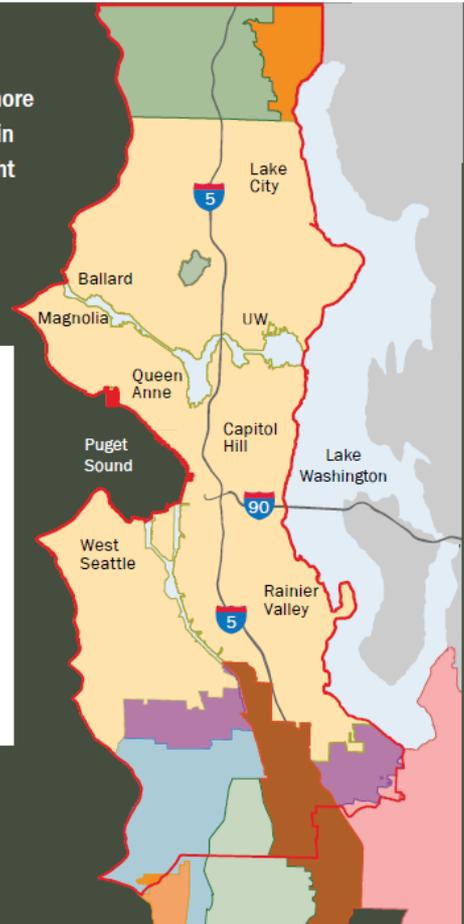
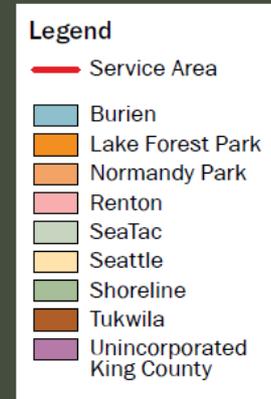
We Power Seattle

ENERGY RESOURCES



SERVICE TERRITORY

Seattle City Light serves more than 408,000 customers in the City of Seattle and eight adjacent jurisdictions.



ARCHITECT AND ENGINEERING OPPORTUNITIES

Project Name	Location	Est. Dollar Value	Est. Ad Date
Boundary Hydro-facility generator overhauls	Boundary Dam	\$5,000,000	2nd Qtr. 2016
Develop design specs for new recreation sites at the Boundary Project	Boundary Dam	\$150,000	1 st Qtr. 2016
Boulder Creek Bank Restoration Project (Phase 1 Only)	Oso, Washington	\$140,000 (Phase 1)	1st Qtr. 2016



BOUNDARY HYDRO- FACILITY GENERATOR OVERHAULS

Chris Woelfel | Sr. Capital Projects Mgr.

Power Production Division

Email: chris.woelfel@seattle.gov



BOUNDARY HYDRO-FACILITY GENERATOR OVERHAULS

- SCL has completed three overhauls over the last several years.
- This project will overhaul three remaining hydro generators Units 51, 52 and 54.
- Each unit is rated ~ 170 MW
- Units were installed in late 1960's.
- Last rewind in late 1970's early 1980's



Boundary Dam

BOUNDARY HYDRO-FACILITY GENERATOR



BOUNDARY HYDRO-FACILITY GENERATOR OVERHAULS

Schedule:

- Est. Ad date: 2nd Qtr. 2016
- Duration: 2016 through 2021

Budget:

Est. \$5,000,000



Boundary Powerhouse

CORE WORK

- Phase 1. Assess current conditions, evaluate options and prepare a scoping study (2016/17)
- Phase 2. Support Design-Bid procurement (DB process is likely but not certain) (2017)
- Phase 2. Provide technical support during design (2018)
- Phase 3. Provide technical support and possibly construction administration and management support (2019 – 2021)



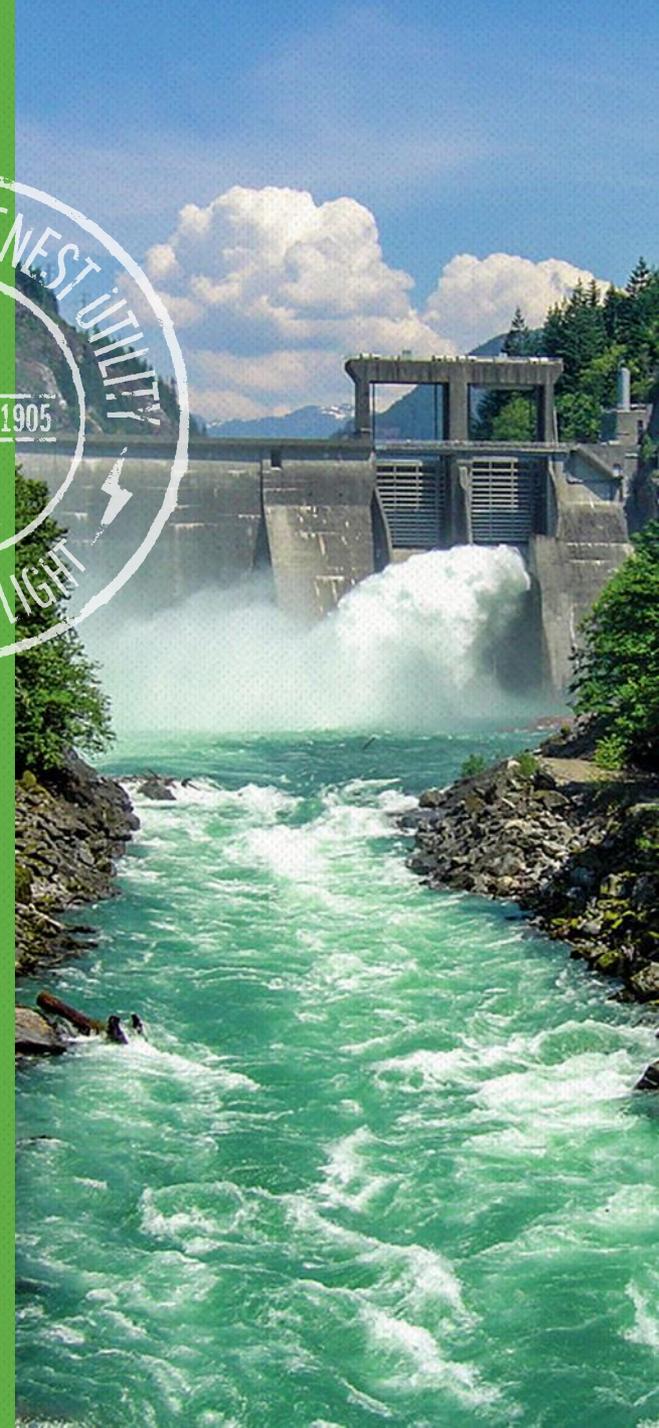
BOUNDARY RECREATION SITE IMPROVEMENTS

Mike Aronowitz

Sr. Environmental Analyst

Environmental Affairs Division

Email: michael.aronowitz@seattle.gov



BOUNDARY RECREATION SITE IMPROVEMENTS

Project Description:

Develop design specs for new recreation sites at the Boundary Project

Duration:

Approx. 12 months

Budget:

Est. \$150,000

• Core Work:

- Peewee Falls Viewpoint and Trailhead
- Riverside Mine Canyon Viewpoint and Trailhead
- Metaline Falls Portage Trail and Boater Access
- Enhancements to six shoreline campsites

BOUNDARY RECREATION SITE IMPROVEMENTS



Peewee Falls



Riverside Mine Canyon

BOUNDARY RECREATION SITE IMPROVEMENTS



Metaline Falls Portage Trail



Shoreline Campsites



Pike and Pine Streetscape Improvements

Office of the Waterfront

Seattle Department of Transportation

Steve Pearce

Pike and Pine Streetscape Improvements



Pike and Pine Streetscape Improvements

- ◉ RFQ for design and engineering team for all phases of design (concept design through final design)
- ◉ Pedestrian improvements on Pike and Pine Streets between First Avenue and Melrose Avenue
- ◉ Total project budget is \$20m
- ◉ Consultant design contract up to \$2.1 million, depending on final scope
- ◉ Period of performance – April 2016 to July 2018
- ◉ Core disciplines - urban design/landscape architecture, civil engineering, project management
- ◉ Supporting disciplines – structural and utility engineering
- ◉ Public outreach provided by Waterfront team
- ◉ Close design coordination with multimodal corridor improvements and other transportation and development projects



Pike and Pine Streetscape Improvements

Steve Pearce

City of Seattle
Office of the Waterfront

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(206) 684-8371





Levy to Move Seattle

Seattle Department of Transportation

Elliot Helmbrecht

Levy to Move Seattle



Offering travel choices and creating safe, sustainable streets for a growing Seattle

A&E Business Opportunity Event
February 24, 2016
Elliot Helmbrecht

Our mission, vision, and core values

Mission: deliver a high-quality transportation system for Seattle

Vision: connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For **all**

Levy to Move Seattle

Move Seattle passage means \$930M to hit the streets; repaving, school zones first

Originally published November 8, 2015 at 6:22 pm | Updated November 9, 2015 at 8:08 am



A student crossing guard checks the traffic on 21st Avenue Southwest in preparation for students and parents crossing the street at the end of the school day at Sanislo Elementary School in West Seattle on Friday. (Ellen M. Banner/The Seattle Times)

Voter-approved levy package

Safe Routes \$207 M

Congestion Relief \$303 M

Maintenance and Preservation \$420 M

9- year total \$930 M

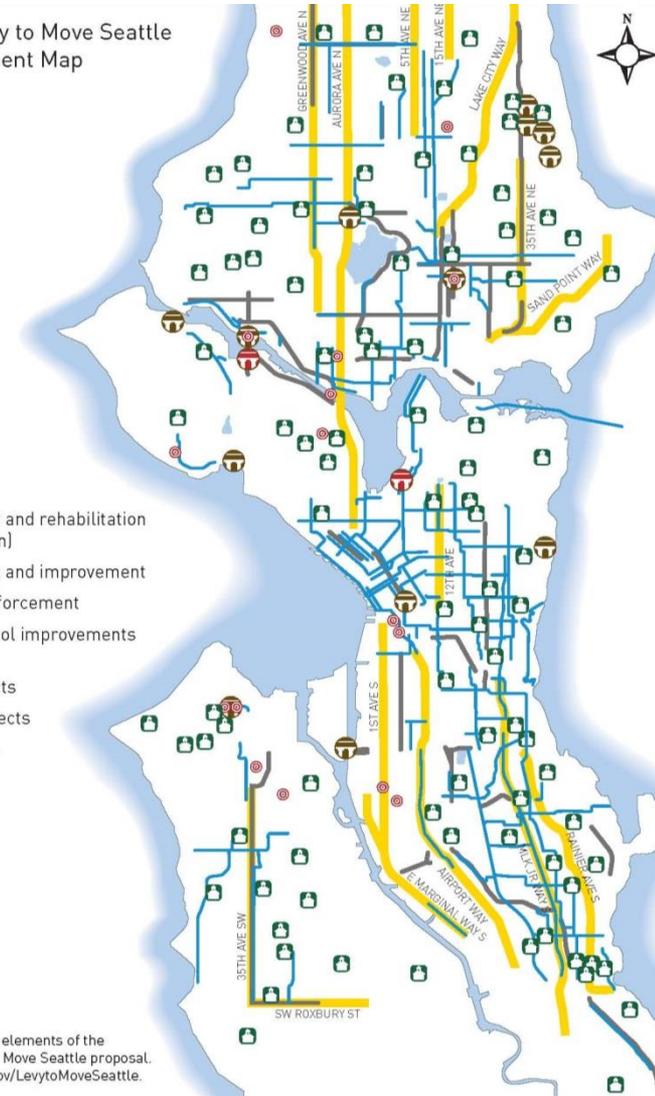
Transportation Levy to Move Seattle
Proposed* Investment Map

LEGEND

-  Bridge replacement and rehabilitation (planning and design)
-  Bridge replacement and improvement
-  Bridge seismic reinforcement
-  Safe Routes to School improvements and education
-  Street paving projects
-  Corridor safety projects
-  Bicycle Master Plan implementation

6.2015

*This map shows some of the elements of the 9-year Transportation Levy to Move Seattle proposal. Learn more at www.seattle.gov/LevytoMoveSeattle.



Safe routes

Provide safe and accessible routes connecting schools, transit hubs, and other destinations

Work toward Vision Zero

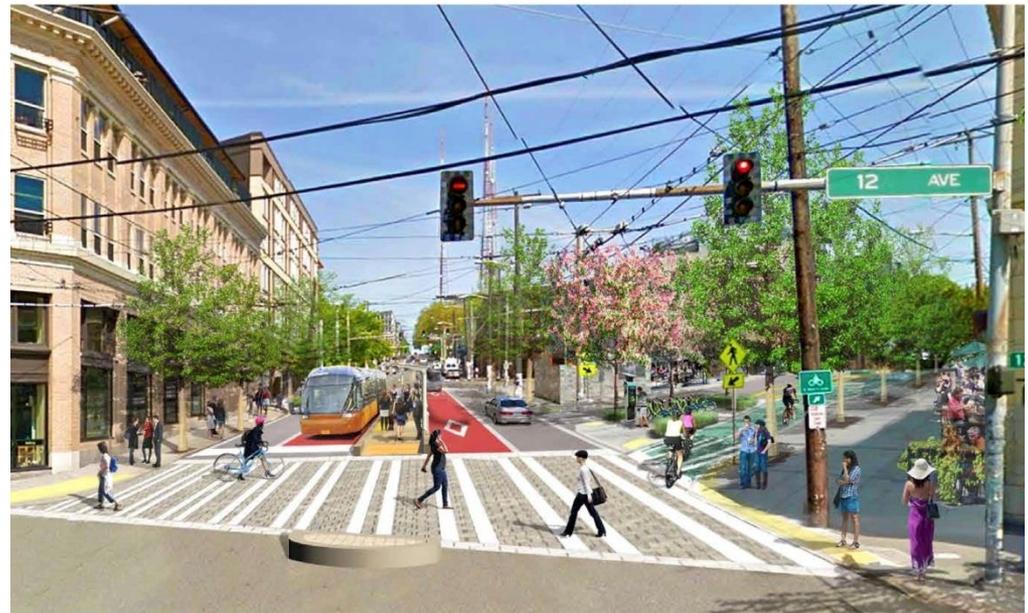
- Safety corridors
- Safe Routes to School
- Signs and markings
- Operations
- Bicycle safety
- Pedestrian safety
- Neighborhood projects



Congestion relief

Enhance transportation choices throughout the network

- RapidRide+ corridors
- Signal timing
- Light rail connections
- Walking and biking facilities
- New sidewalks
- Freight network and spot improvements



Maintenance and repair

Reduce the backlog of maintenance and repair work along Seattle's busiest streets

- Bridges
- Paving
- Drainage partnerships
- Tree trimming and planting



Upcoming Outreach Event!

Working With SDOT: Move Seattle

- Tuesday, March 29 from 9:30 – 11:30 at the Bertha Knight Landes Room
- Information on upcoming Move Seattle projects (Construction & Design) as well as networking opportunities with SDOT PMs, leadership staff, and other companies

Attendance is free! Due to room size, advanced registration is requested.

- For more information, please contact the SDOT WMBE Program Manager, Edson I. Zavala, at edson.zavala@seattle.gov.

Questions?

elliott.helmbrecht@seattle.gov | (206) 615-1235
www.seattle.gov/LevytoMoveSeattle

www.seattle.gov/transportation





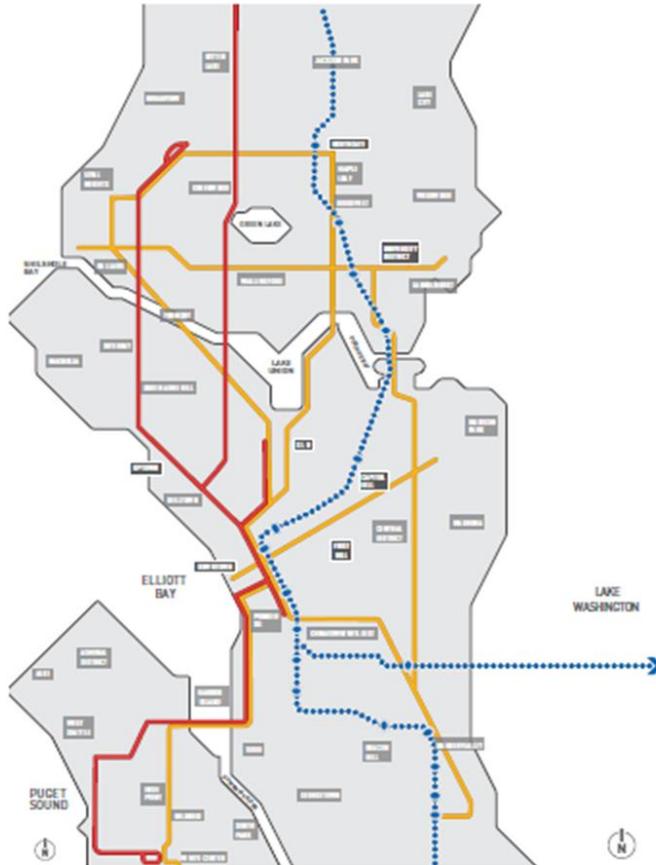
Bus Rapid Transit

Seattle Department of Transportation

Michael James, Project Manager

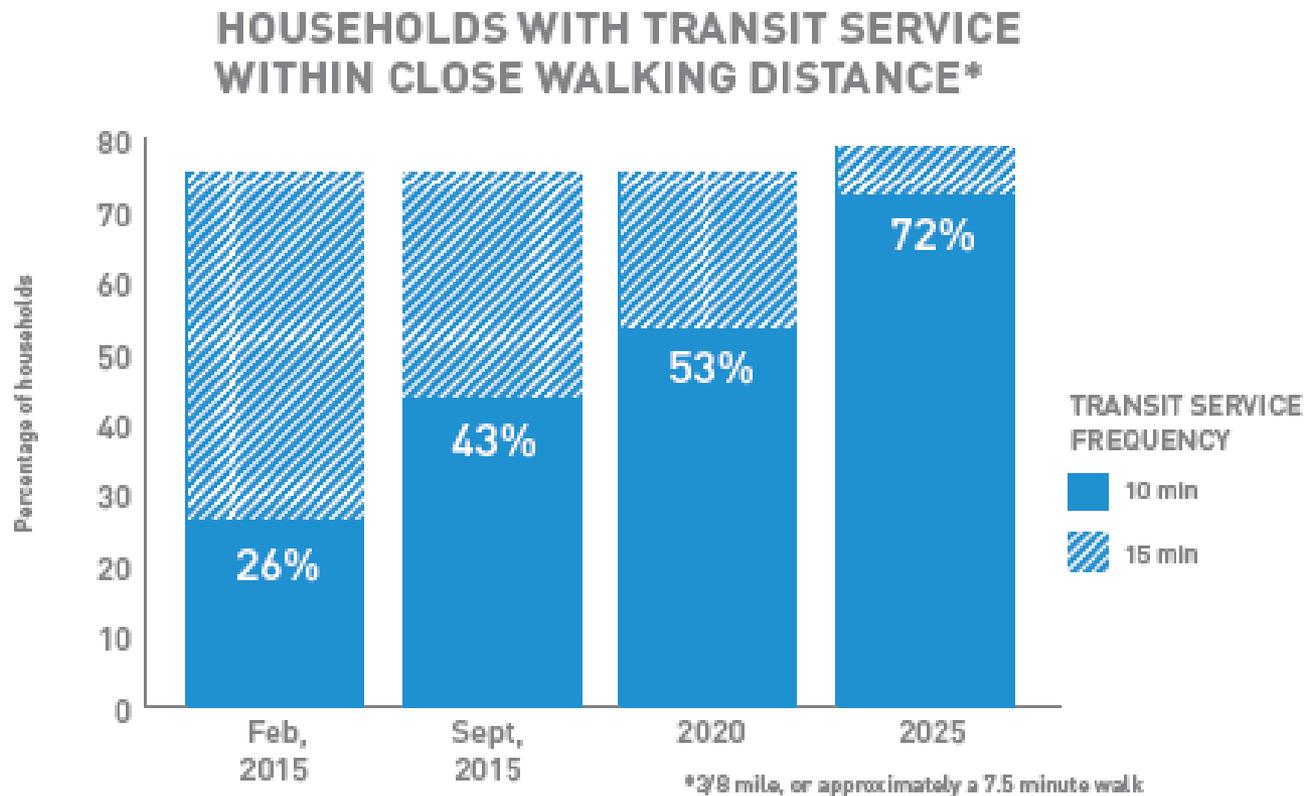
Seattle RapidRide Expansion

- Delridge
- Madison
- Rainier/Jackson
- Eastlake/Roosevelt
- Market/45th
- Fremont, Ballard, & Northgate via Westlake
- 23rd Avenue



Move Seattle Transit Promise:

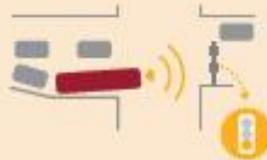
Provide 72% of City residents with a 10 minute or better all-day transit service, within a 10-minute walk from their home



ELEMENTS OF BUS RAPID TRANSIT



A TRANSIT SIGNAL PRIORITY
Intersection improvements including transit signal priority (TSP) allow buses to bypass congestion. TSP does so by giving buses earlier and/or longer green lights.



B BRT BRANDING
Unique designs make buses and stations more visible, raising awareness of BRT and increasing customer expectations for higher levels of service.



C ENHANCED STATIONS
BRT stations include raised platforms, off-board fare payment, real-time arrival information, larger shelters, and other passenger amenities.



D ENHANCED FARE COLLECTION SYSTEMS
Off-board fare collection using ticket vending machines, card readers, and other tools at stations allow passengers to load without waiting in line to pay their fares.



E SPECIALIZED VEHICLES
Custom buses provide more capacity, more doors, and lower floors for easier loading and unloading, and unique designs.



F DEDICATED RUNNING WAY
Bus-only lanes separate transit from traffic and are clearly marked to increase visibility.



Consultant team opportunity to:

- Advance the concept designs for BRT corridors;
- Develop line and network ridership forecasting;
- Identify a phased system operating plan;
- Prepare capital and operating cost estimates;
- Conduct traffic and multimodal transportation analysis;
- Advance planning and environmental requirements;
- Develop coordinated funding and implementation plans;
- Prepare documentation to support grants
- Advance programmatic systems elements that apply to the entire network; and,
- Conduct public outreach and communication strategies





Sanitary Sewer Overflow (SSO) Capacity Program & Localized Flood Control Program

Seattle Public Utilities

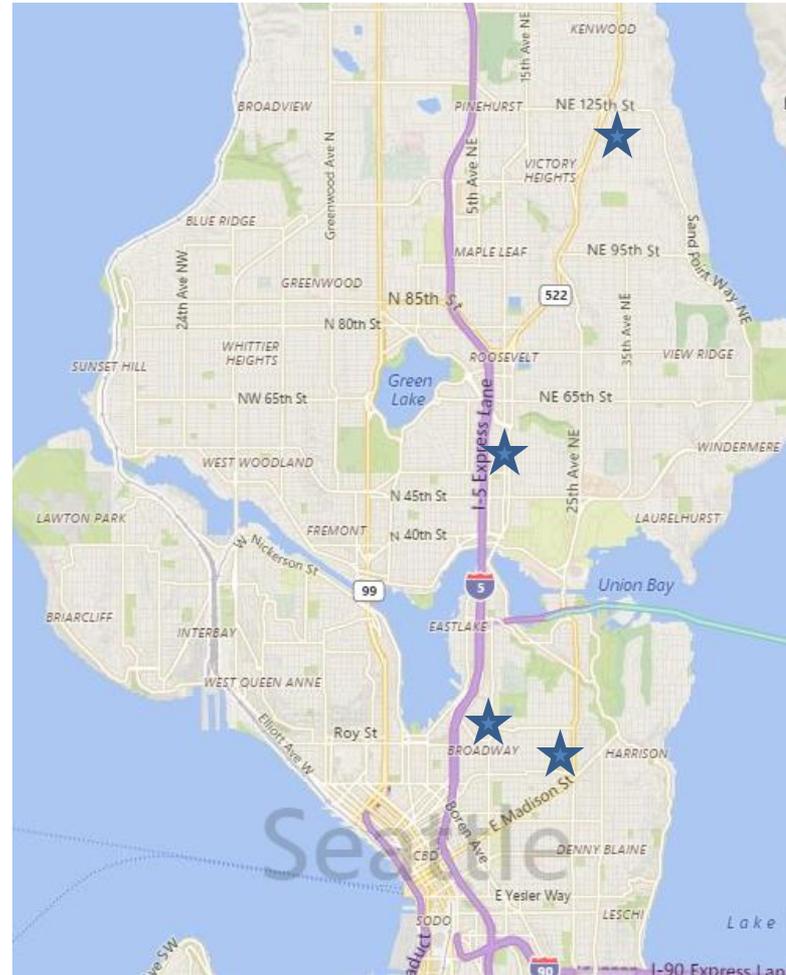
Donald Anderson, Project Manager

SSO Capacity Program

- Enhance sanitary sewer service by addressing capacity limitations of the wastewater system through capital improvements.
- Differs from our CSO and CMOM programs, being:
 - Capacity-focused
 - Not overflowing to a receiving water body

SSO Capacity Program

- 32nd & 35th Aves NE
- 8th Ave NE & NE 55th Street
- Harvard & Roy
- 24th & Harrison



SSO Capacity Program

- Phased Engineering Services Contract
- Options Analysis to start in 2016 (3Q)
- Option to extend into design phase

Localized Flood Control Program

- Working with the NDS Partnering Program to:
- Identify opportunities to address localized flooding sites within three creek basins:
Longfellow, Thornton & Pipers
- Pursue in late 2016 with a phased engineering services contract for options analysis; work into 2017 with an option for design phase



West Ship Canal CSO Reduction Project

- *CM/PM Services*
- *Ballard Conveyance*

Seattle Public Utilities

Dan Enrico, Project Manager



Combined Sewer Overflow Reduction Program Support

Seattle Public Utilities

Ben Marre, PE, PMP

Combined Sewer Overflow Reduction Program Support

- Between 2016 and 2021, SPU will require ongoing, but limited, program management support.
- Includes support to help plan for the commissioning, startup, and operation of the new types of assets that are being designed and constructed.

In part, this contract will include support services for program management, operations planning, instrumentation and controls system planning, system operations optimization, project commissioning improvement, and operations & maintenance resource planning.





Beverly Park Elevated Tank and Spokane Street Pump Station

Seattle Public Utilities

Bill Heubach, Project Manager

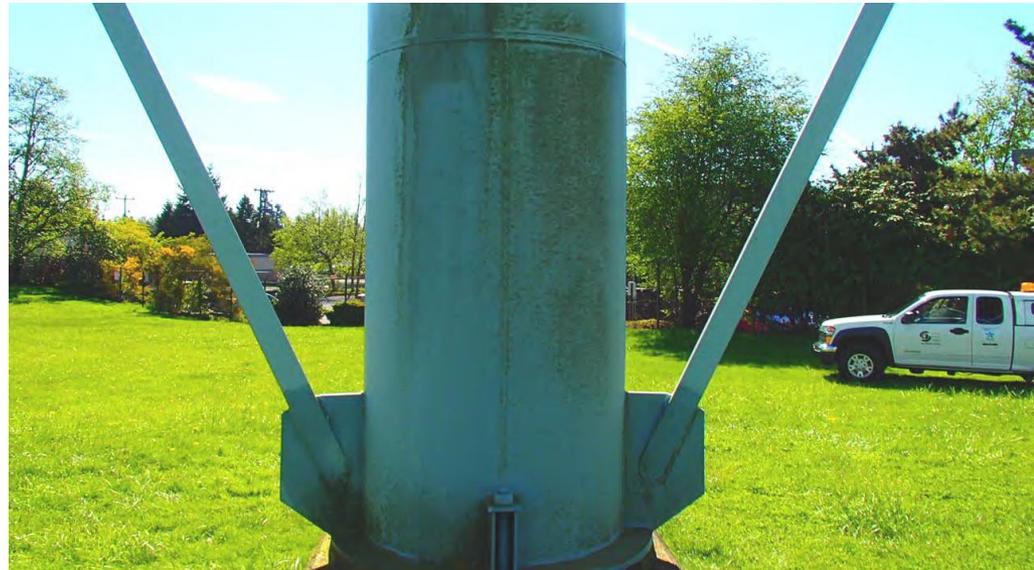
Spokane Street Pump Station

- 1928, URM, 22 Feet X 34 Feet
- Structural/Seismic Concerns
- Mechanical/Electrical Concerns
- Status
 - Evaluating Options
 - Design – 2016/2017
 - Construction - 2017



Beverly Park Elevated Tank

- 2 MG, 1958
- Concerns
 - Seismic
 - Coatings
 - Safety, Operational, Soil
- Status
 - Evaluating Options
 - Design – 2017
 - Construction – 2018/2019





Sewer Rehabilitation Engineering Design Services

- *Sewer System Lining*
- *Spot Mainline Repair*
- *Sewer Main Replacement*

Seattle Public Utilities

Tanya Treat, Contract Manager

Summary of Proposed Work Tasks

Sewer Relining & Spot Repair

- Create 90% and final design packages including plans, specifications, and cost estimates
- Obtain all City, State, and Federal Permits
- Provide engineering assistance during construction

Full Line Replacements

- All of the above plus 30 and 60% plans and cost estimates

Initial Focus of Work

- The primary work assignments are anticipated to be sewer lining
- Each year we anticipate the need for 5-7 contractor bid packages
- Bid Packages will consist of between 50 to 150 individual sites
- Each site will consist of relining the mainline from MH to MH as well as lining of tees at each lateral.

FAQs

- How will this contract fit in with the currently advertised On-Call design services contract?
 - This contract will be the primary design services contract for the rehabilitation program, however, the On-Call design consultant may also be assigned some rehabilitation work.
- How will this design work integrate with internal SPU design work?
 - SPU design engineers will continue to design sewer main replacement and prepare spot sewer repair packages. They will also provide engineering oversight for consultant design work.



City Program Updates

- *Prompt Payment*
- *Indemnification*
- *Contract Template Updates
(Separate A&E)*

Seattle Public Utilities

Contracts Division

Vicky Schiantarelli, Interim Division Director



WMBE Updates

City of Seattle



**Thanks for
attending!**

*Contract fact sheets and
presentation will be
available online. The link
is provided on the
agenda.*