Lower Mapes Creek Restoration and 52nd Ave CSO Conveyance Projects 60% Design Stage

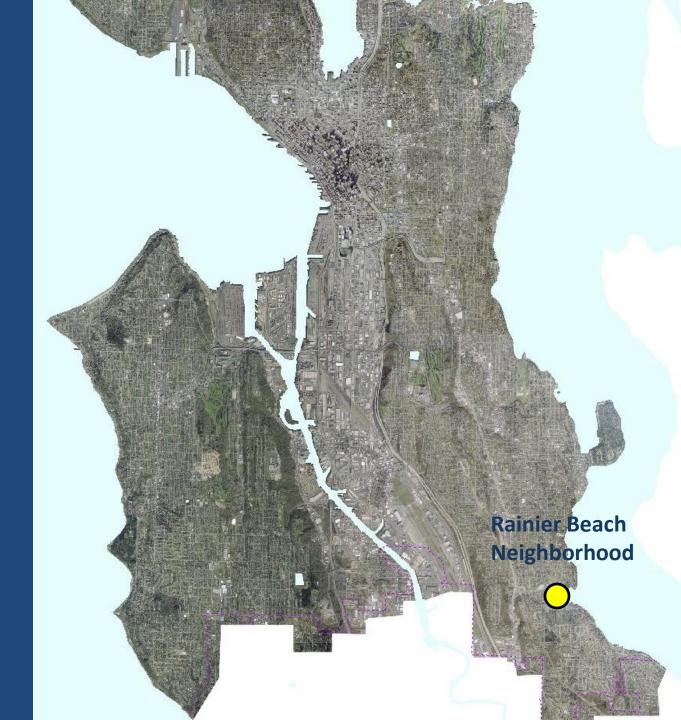




Seattle Design Commission
September 20, 2012



Project Location



Project Objectives

- 52nd Ave CSO Reduction
 - Reduce combined sewer overflows by building new conveyance line to meet regulatory requirements and Level of Service goals.

- Mapes Creek
 - Improve aquatic habitat through reconnecting Mapes Creek to Lake Washington.
 - Increase juvenile Chinook salmon rearing and migration habitat.
 - Provide an accessible environmental amenity in the Rainier Beach neighborhood.

1% for the Arts – in Beer Sheva Park



SDC Comments on 30% Design

- Optimize pipe location under the 52nd Ave S Walkway allow for wider walkway and facilitate future improvements.
- Tie full length of project corridor together visually, make the story of the watershed, stormwater, and the stream visible.
- Consider the ROWs community's civic space and take advantages of opportunities to improve the public realm.
- Refine the design where the pipe enters the park.
- Create visual connection down Henderson into stream area.
- Create places where people can touch water/ kid-friendly.
- Refine design of bridge to make it look less heavy and bulky.
- Work with SDOT, Parks, and non-profit partners to identify funding to enhance area in tandem with the CSO and daylighting project.

Additional Comments: Community Meeting August 14, 2012

- Integrate art with the neighborhood plan goals.
- Can the creek flow through the wetlands to the north?
- What can you do to get the people off the light rail to explore the community?
- Many other comments related to specific ideas for art (e.g., gazebo in the park)

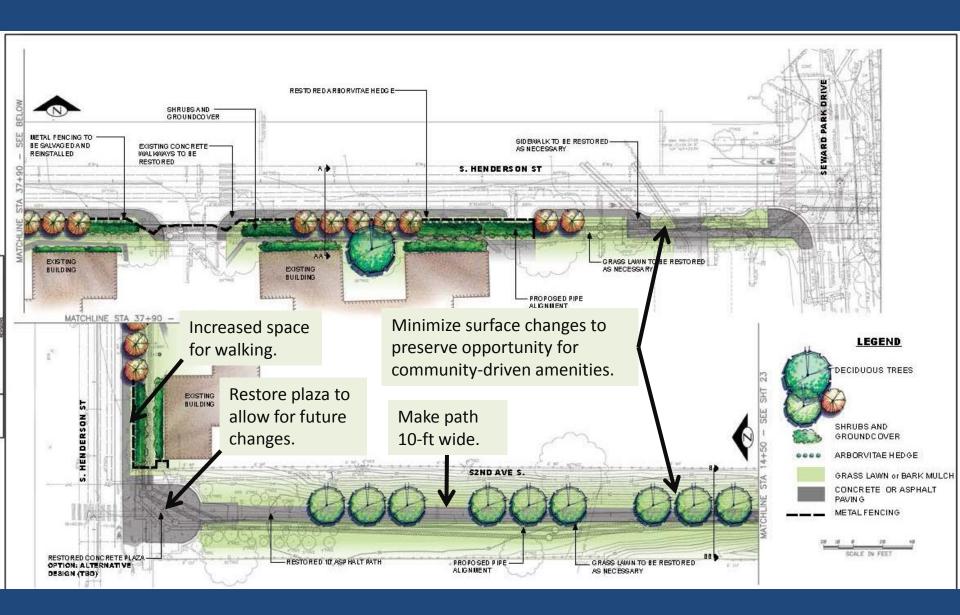
Rainier Beach Neighborhood Plan

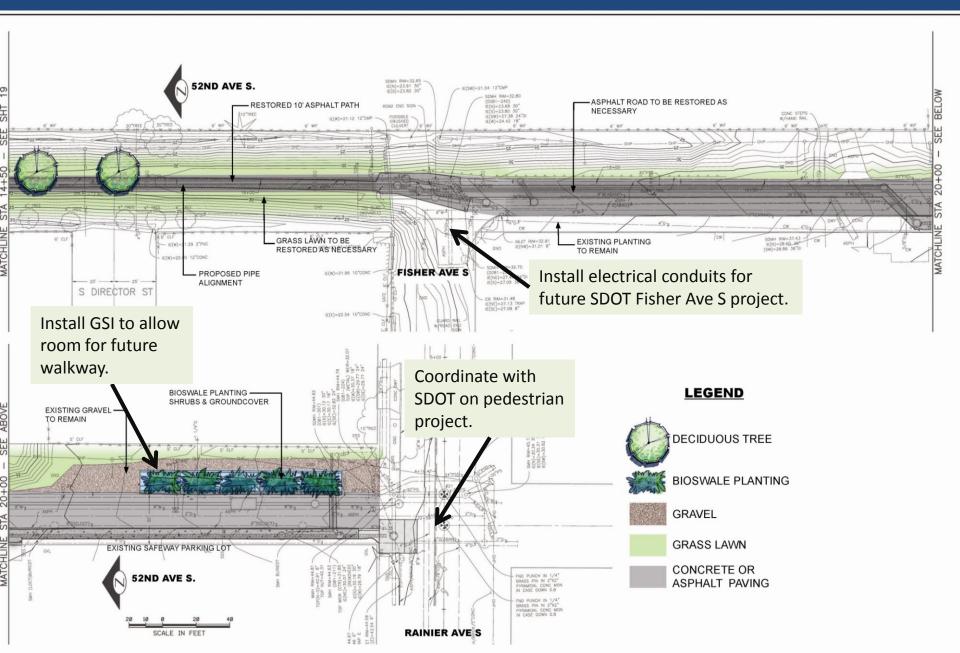
Goals

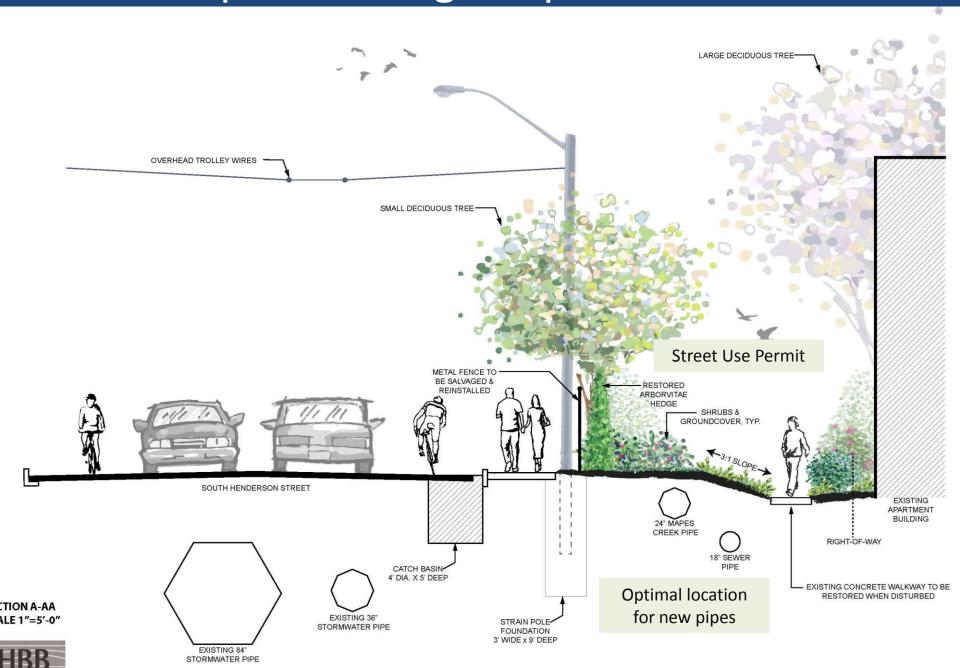
- Strong communities & organizations
- Healthy people & families
- Great places that support the community

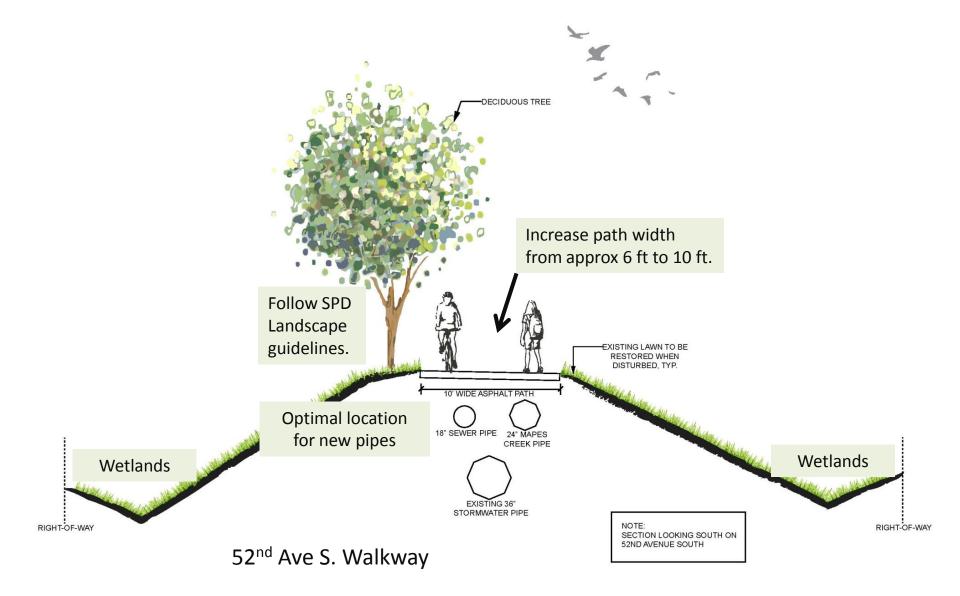
Priorities

- Improve public safety, primarily in Rainier Ave. S / S
 Henderson St area, through focused/comprehensive effort.
- Complete urban farm/wetland link to the entire community.
- Stimulate development.
- Create streetscape plan for art, wayfinding, touchstones, kiosks, etc.; include these elements in street projects.
- Extend #7 Metro bus to light rail station and relocate bus layover.

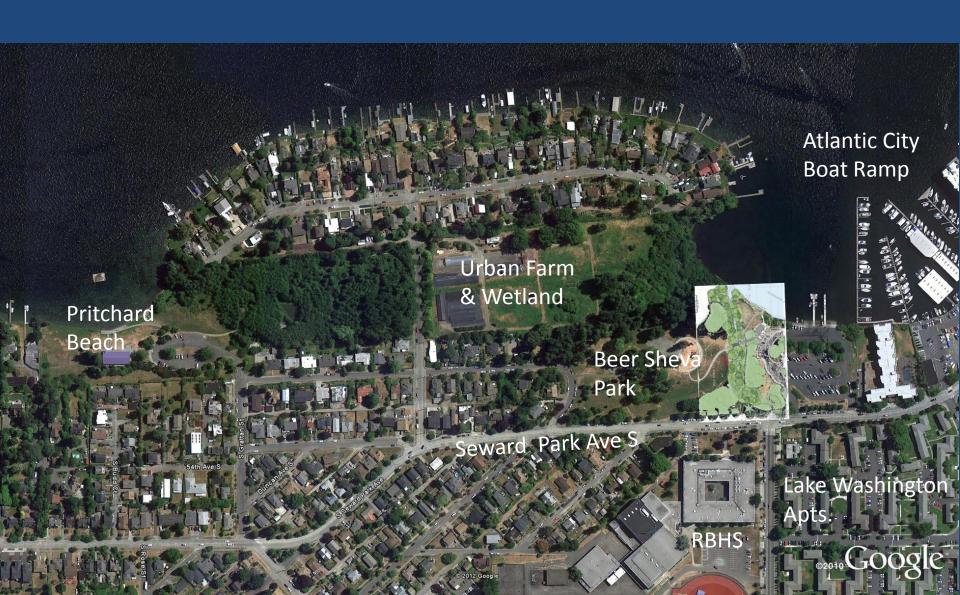








Beer Sheva Park & Vicinity















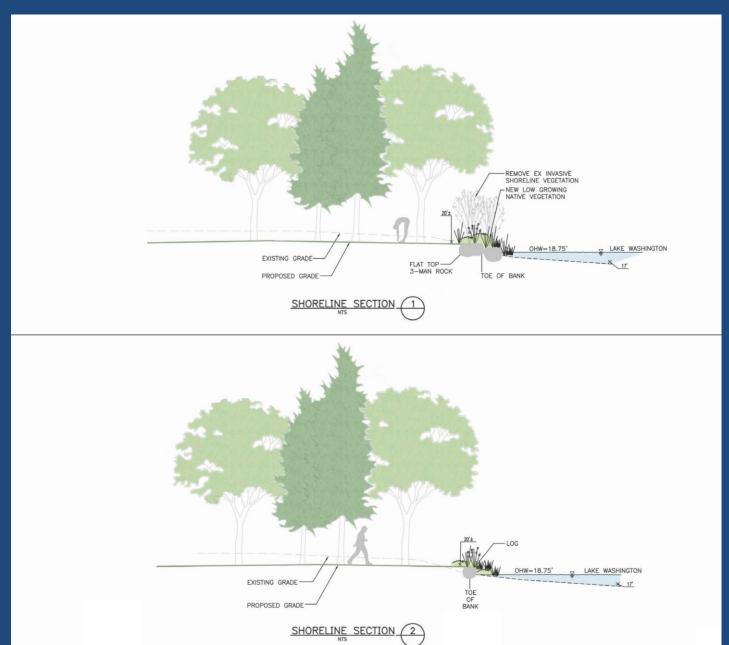


Mapes Creek Channel – 60% Design



Lower Mapes Creek Restoration Project

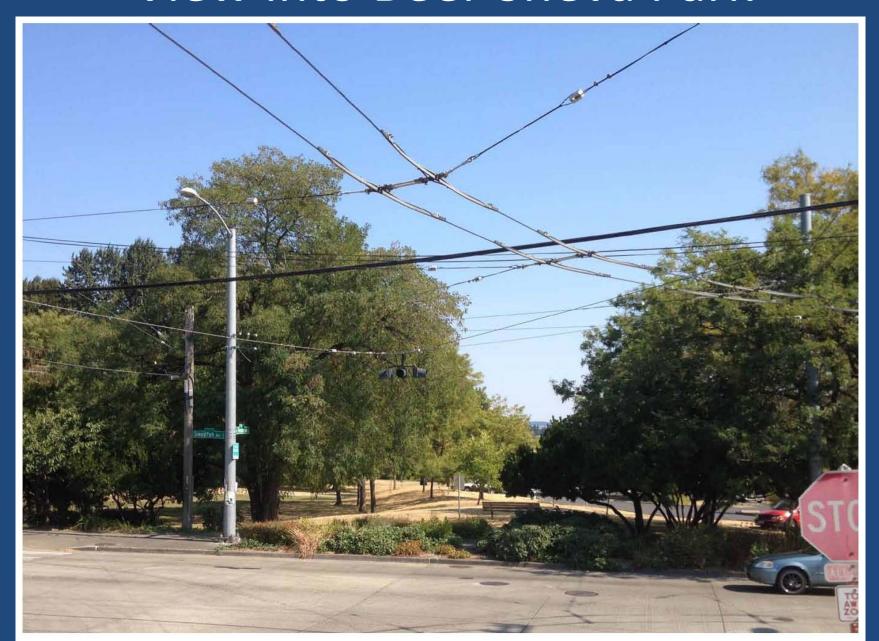
Mapes Creek Channel Shoreline Sections



Mapes Creek Channel Cross Section



View into Beer Sheva Park



Post Construction Rendering

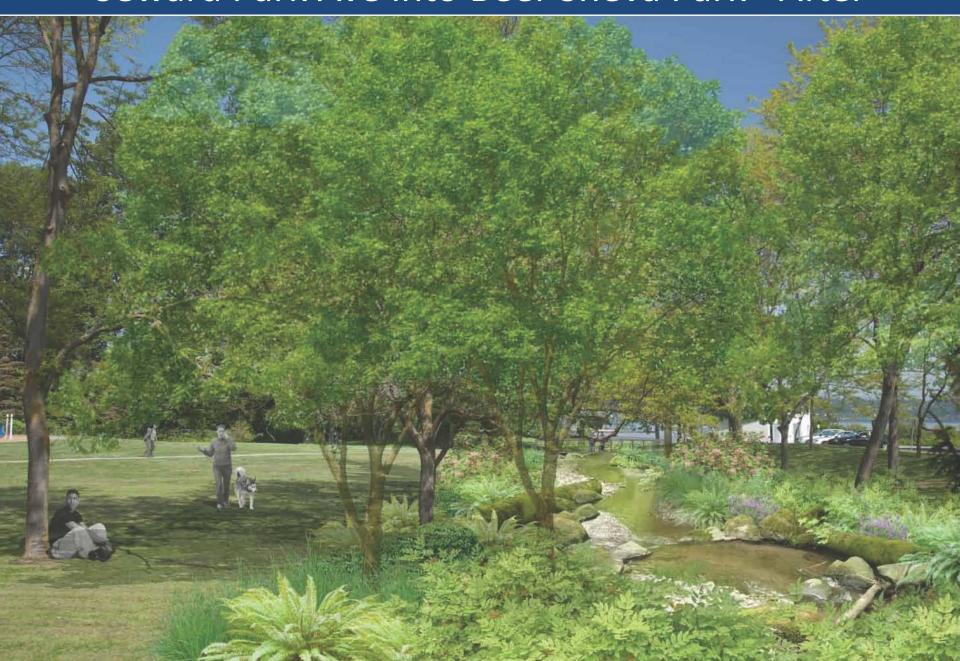


Beer Sheva Park – Before



Looking from Seward Park Ave toward lake

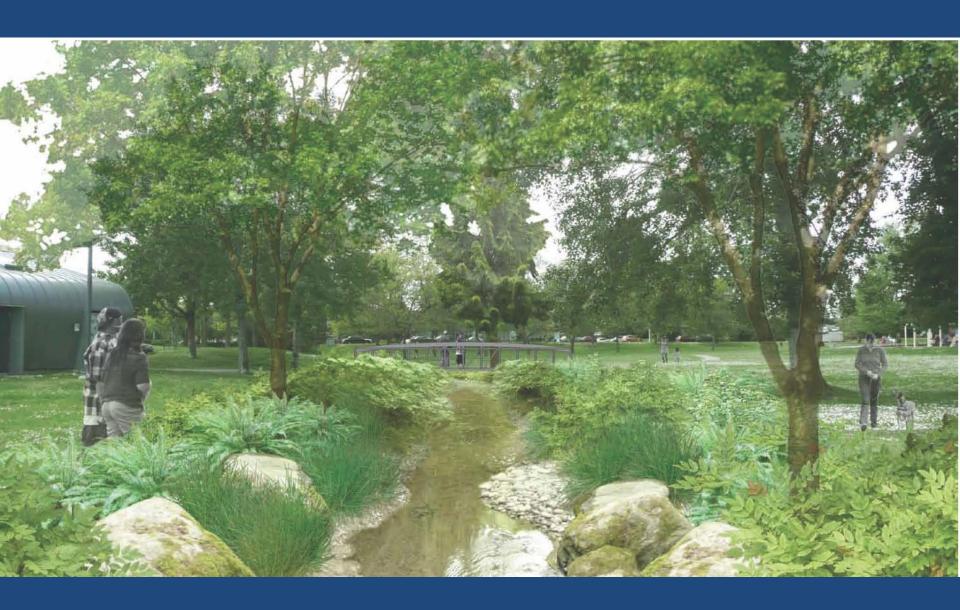
Seward Park Ave into Beer Sheva Park - After



Lake Washington toward Seward Park Ave -Before

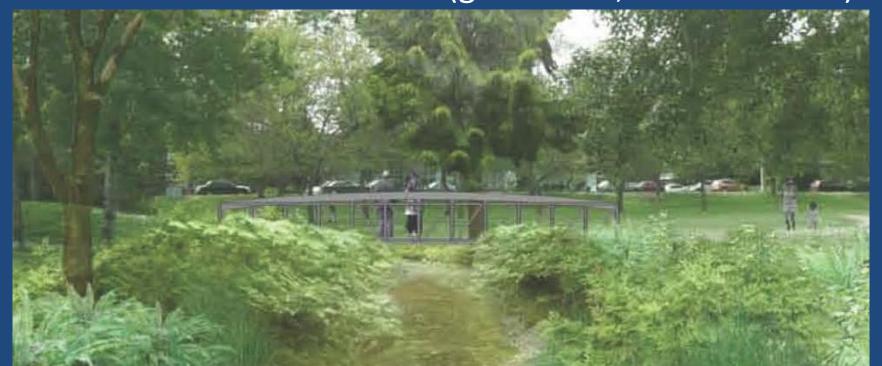


Lake Washington toward Seward Park Ave - After

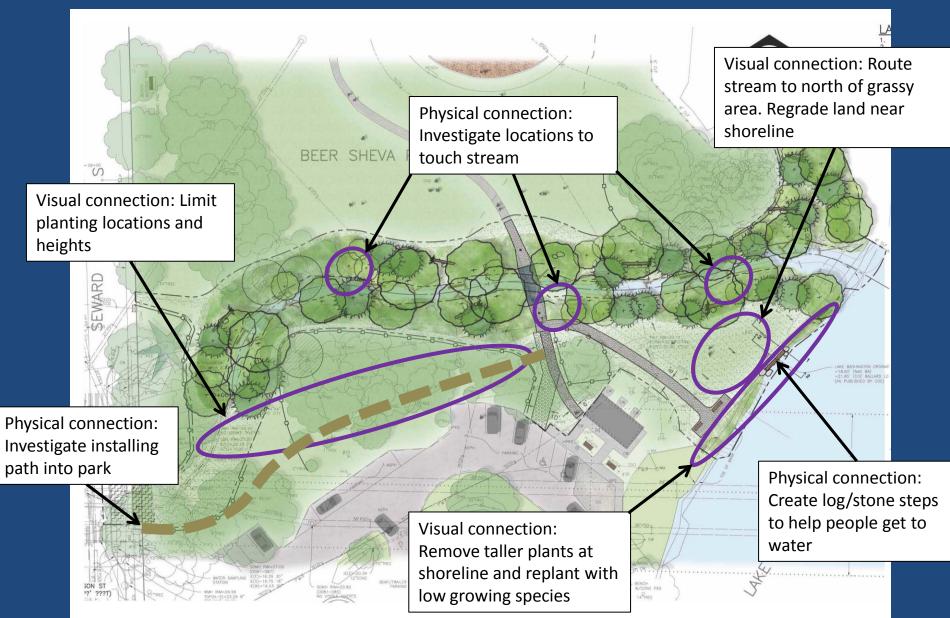


Bridge Design

- Considerations/coordinate with Proview Tech
 - Views: for users, for police
 - ADA access/code requirements
 - Maintenance/graffiti
 - Match comfort station (galvanized, metallic finish)



Mapes Creek Design Improvements



Project Schedule

for Mapes Creek and 52nd Ave CSO Conveyance

Phase	Approximate Timeline
Project Design and Permitting	2012-June 2013
Public Meetings	July 2012-July 2013
Construction	August 2013 - November 2014
Plant Establishment and Monitoring	2015-2017

US EPA Consent Decree Deadline: Must be fully operational by December 31, 2015.

Questions & Comments



