Seward Park CSO Reduction Project

Council Decisions for Initiative 42, Partial Transfer of Jurisdiction, and Land Use Approval

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Project Overview

Why are we working on this project?

- *Reduce the amount of combined sewage being released into Lake Washington*
  - Currently approximately 17 overflows and 9 million gallons of sewage overflow per year at the Seward Park outfall

- *State NPDES permit and Federal Consent Decree requirements*
  - Federal and State compliance would mean a long term average of one overflow per year.
  - Fines for failure to comply

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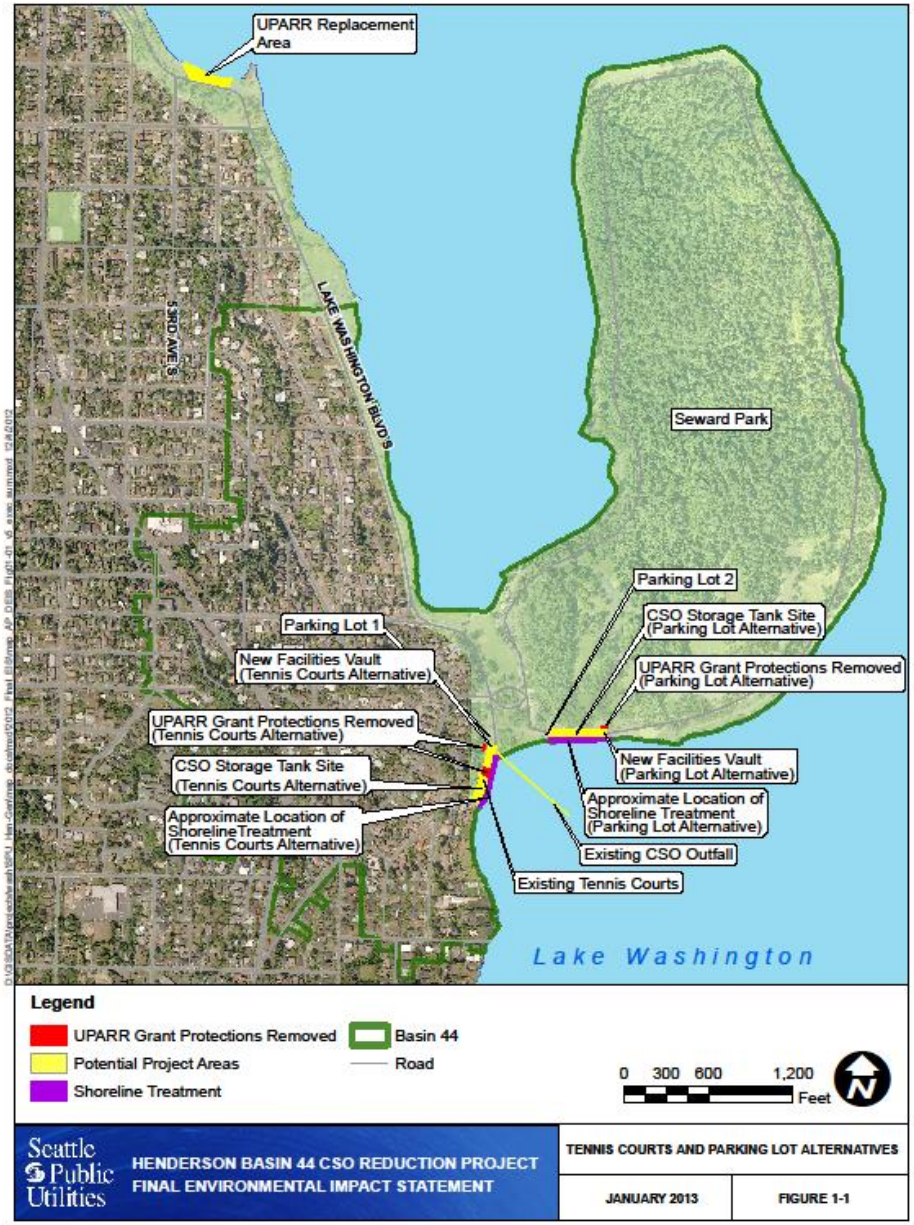
Project Overview



- Two combined sewage storage facilities:
  - 2.65 million gallon tank in Seward Park.
  - 16,000 gallon storage pipe in the 57th Ave South ROW, adjacent to Martha Washington Park.
- The outfall in Seward Park will also be replaced.

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Public Process

2010-2011:

- Four public workshops to explain the problem, identify CSO control options, develop evaluation criteria, and evaluate options
- Environmental Impact Statement (EIS) Scoping meeting to short-list two site-specific storage alternatives in Seward Park

2012-2014:

- Publication of the Draft EIS (DEIS), public hearing for the DEIS, and solicitation of comments to the DEIS
- Announcement of the preferred alternative at the Tennis Courts location in Seward Park
- Publication of the Final EIS (FEIS) and subsequent FEIS appeal process
- Regular meetings with the Friends of Seward Park (FOSP) and Friends of Seattle Olmsted Parks (FSOP)
- Outreach to homeowners, in groups and through one-on-one communications
- Public Open House in November 2013

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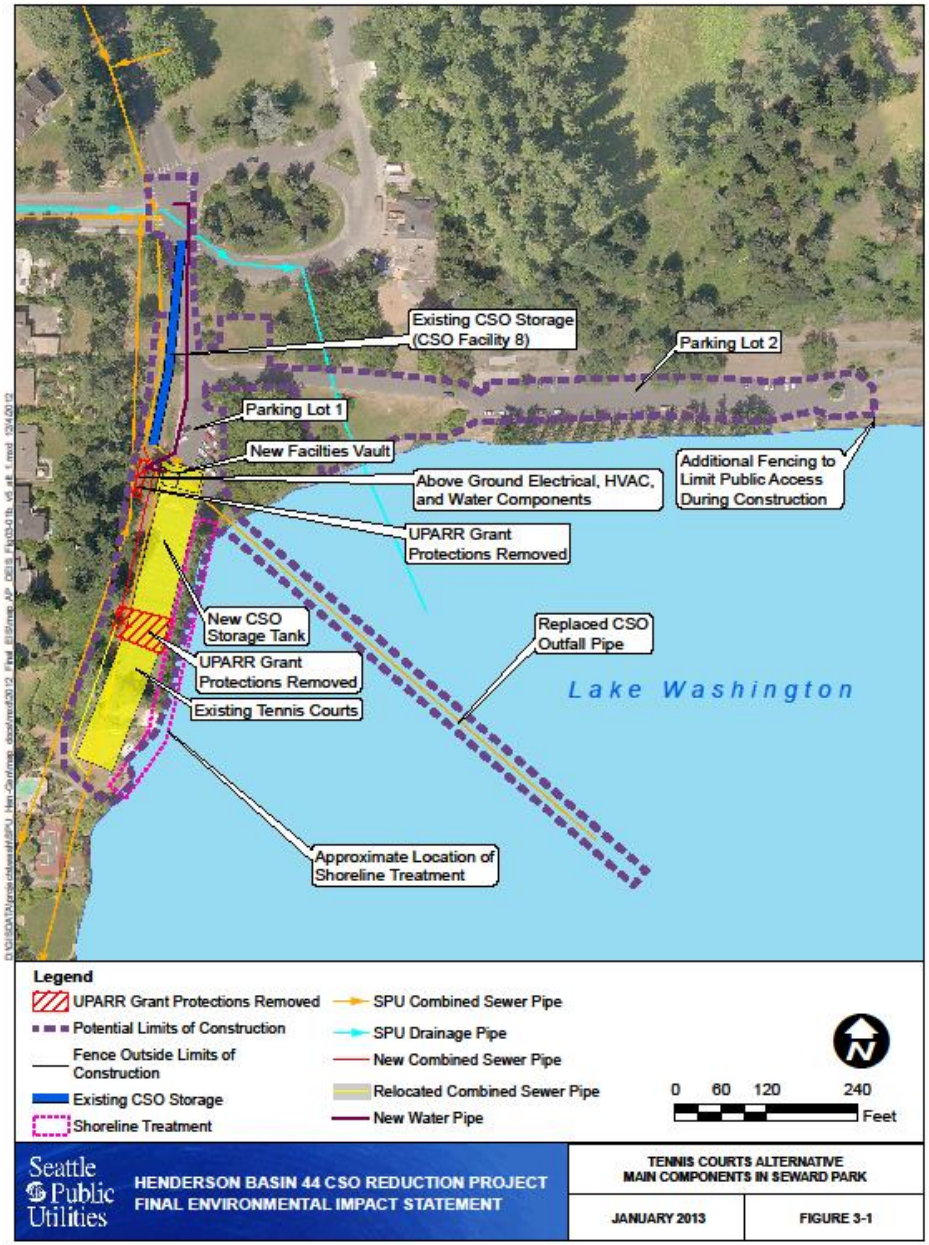
Options

Seward Park
Tennis Court Site



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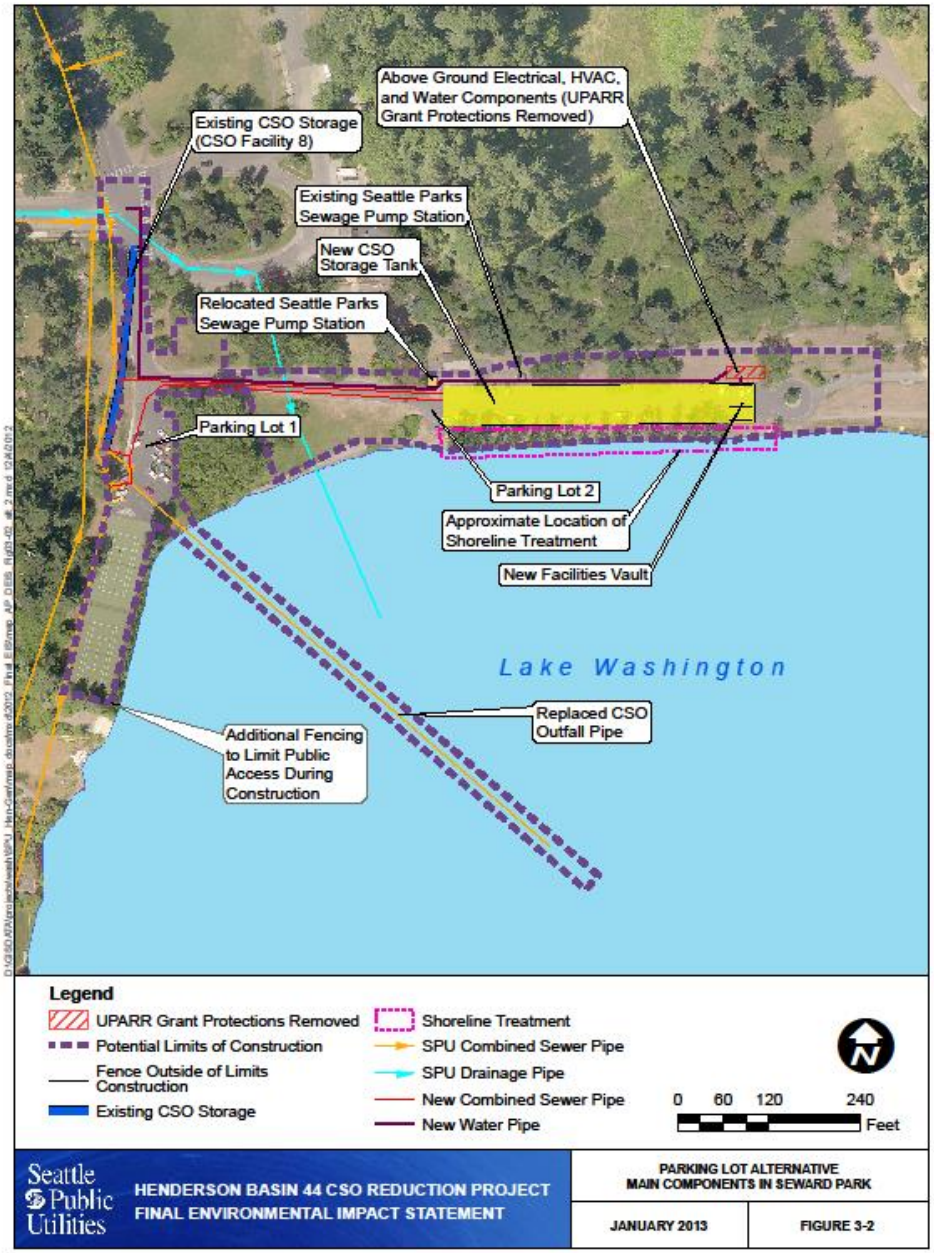
Options

Seward Park

South Parking Lot Site



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Site Evaluation – Construction Impacts

Both Sites

- Construction noise – Park users and residences
- Steep slopes adjacent to sites
- Close proximity to the shoreline

Tennis Court Site

- Remove approx. 43 trees (2 exceptional trees)
- Greater construction noise at the residences
- Loss of 28 parking spaces and tennis courts

South Parking Lot Site

- Remove approx. 26 trees (10 exceptional trees)
- Greater construction noise at the Audubon Center, playground, and picnic shelter
- Loss of 62 parking spaces and tennis courts
- Greater impact to events because of central location at park entrance
  - 72 events/year over 100 people.
  - 17 events/year over 1,000 attendees
  - 7 events/year over 10,000 attendees
  - The Audubon Center estimates 10,000 visitors per year.

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Site Evaluation – Long Term Impacts

Both sites

- Interruption of use for maintenance & emergency access
- Loss of future development potential

Tennis Courts Site

- Treat odors from an existing wastewater facility in Seward Park
- Opportunity to construct ADA & safety improvements

South Parking Lot Site

- Greater impact to park users

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Race & Social Justice Considerations

- Seward Park is the main destination Park in Southeast Seattle.
- Numerous events in Seward Park attract people of color in large numbers (e.g., Pista sa Nayon, a Filipino event in Seward Park which attracts approximately 10,000 people).

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Selection of Preferred Site

The tennis court site was selected as the Preferred Site for the following reasons:

- Limit restrictions to future development in a centrally located, high-use area of Seward Park.
- Minimize temporary and permanent impacts to Seward Park users and events – thousands of people from Seattle and region.
- Costs estimates were similar for tennis court and south parking lot sites – not a factor.

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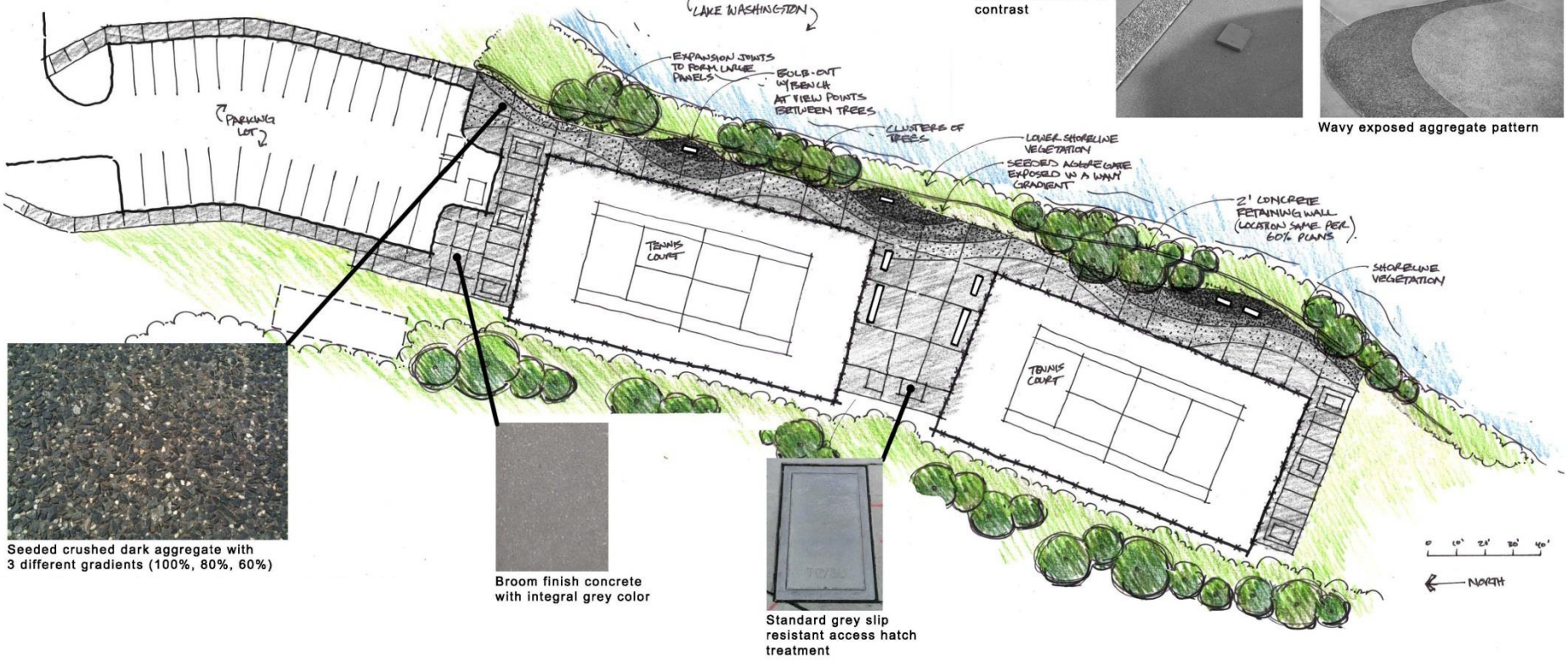
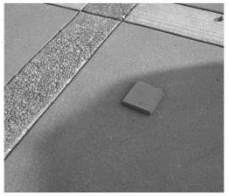
Current Design Concept

Shoreline Concept



Exposed aggregate with broom finished colored concrete for contrast



Wavy exposed aggregate pattern

Seeded crushed dark aggregate with 3 different gradients (100%, 80%, 60%)

Broom finish concrete with integral grey color

Standard grey slip resistant access hatch treatment

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Home Owner Concerns

- Noise
  - Construction –temporary sound wall; working with SCL to avoid generators
  - Long Term – odor control exhaust located away from homes
- Odor
  - Construction – none
  - Long Term –odor control exhaust located away from homes; treat air from existing CSO facility
- Potential damage to homes
  - Construction –minimal risk; pre-and post-construction surveys
  - Long Term – none
- Impact to in-home businesses & senior citizens
  - Construction – see above; SPU discussion possible relocation
  - Long Term – none

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Project Schedule

- Design Complete December 2014
- 2yr construction beginning January 2015
- Regulatory deadlines:
  - Start construction 5/31/2015
  - Complete Construction 12/31/2018

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Questions?

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