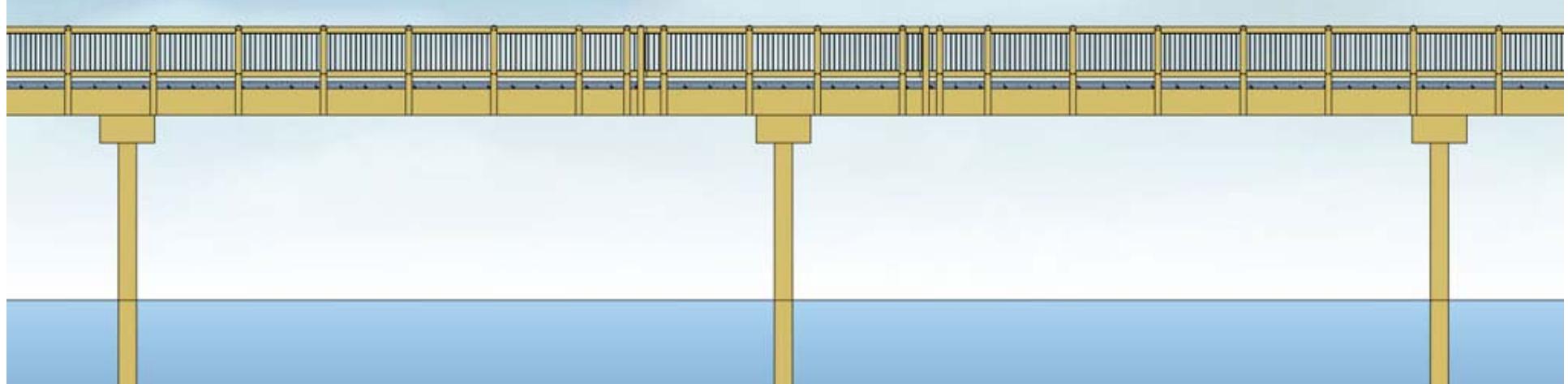
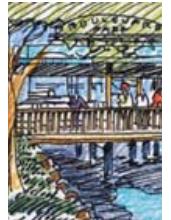


Boulevard Park



Public Meeting
June 26, 2008

AGENDA



- Introductions
- Project Background
 - Park History
 - Public Process
 - Funding
 - Schedule
- Background Studies
 - Shoreline Assessment
 - Pattle Point Condition Assessment
 - Cultural Resources Assessment
 - Focused Environmental Site Assessment and Geotechnical Study
 - Eelgrass Survey
- Initial Concepts
- Permit Process and Next Steps
- Q&A

PROJECT BACKGROUND



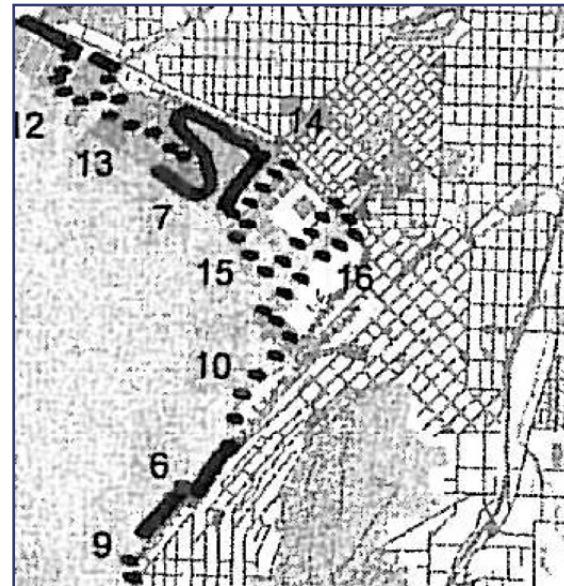
- Park History



PROJECT BACKGROUND



- Public Process
 - Parks, Recreation and Open Space Plan 2002



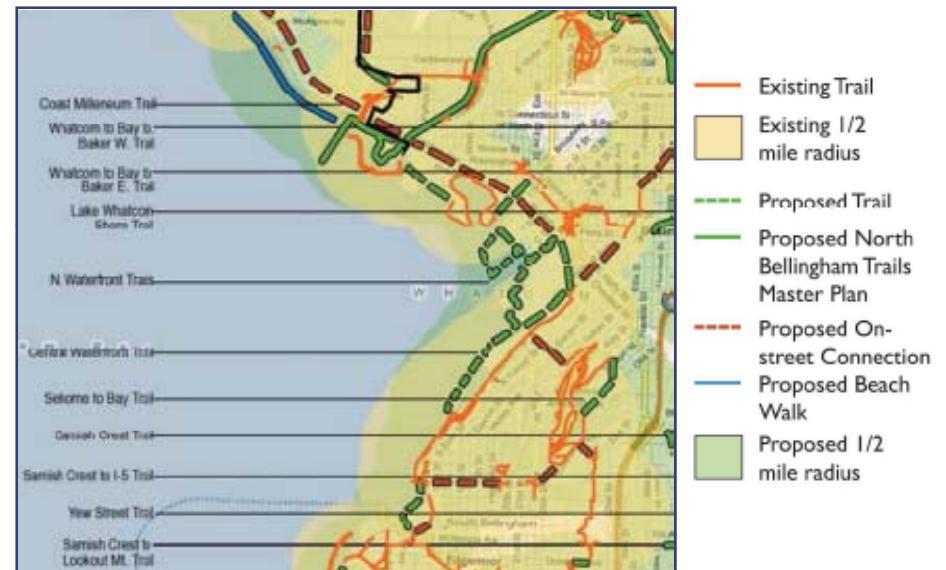
Recommended Trails Plan

- shoreline trails – existing
- shoreline trails – proposed
- boardwalk/promenades – existing
- boardwalk/promenades – proposed

PROJECT BACKGROUND



- Public Process
 - Parks, Recreation and Open Space Plan (Updated 2008)



Recommended Trails Plan

PROJECT BACKGROUND



- Public Process
 - Waterfront Futures Group
 - Vision & Framework
 - Plan 2004

RECOMMENDATIONS

Culture & History

- Collaborate with Native American neighbors.
- Conduct an inventory to identify all the historic and native sites.

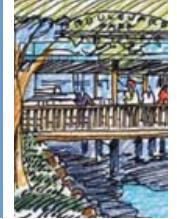
Connections

- Construct an over-water trail to connect Boulevard Park to the Cornwall Landfill similar to the over water connection from Boulevard Park to Taylor Avenue Dock.

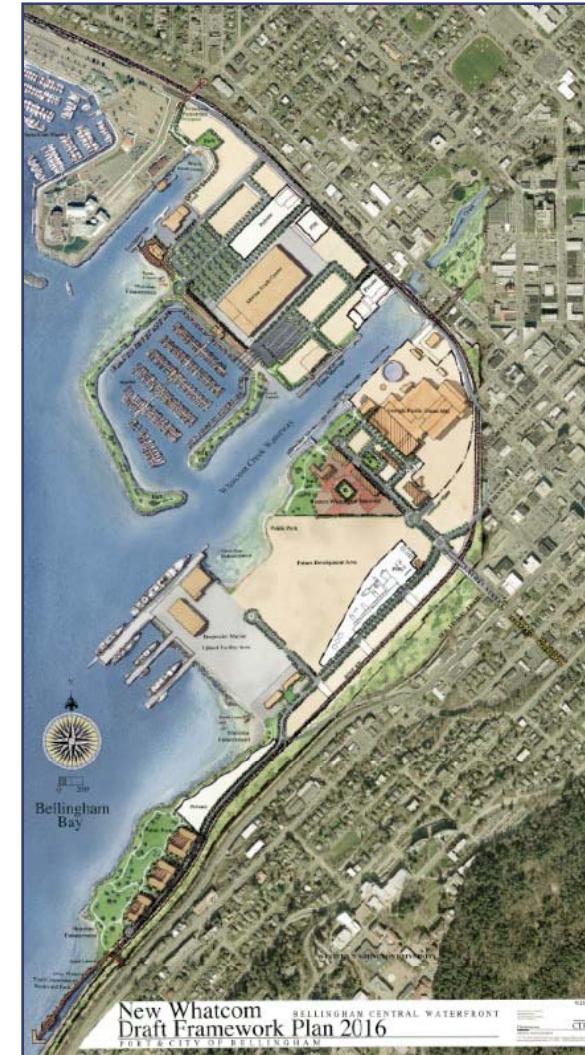


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PROJECT BACKGROUND



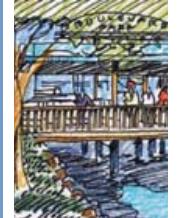
- Public Process
 - Waterfront District Development Plan
 - Identifies connection between waterfront district plan and waterfront



Boulevard Park | June 26, 2008

Reid Middleton

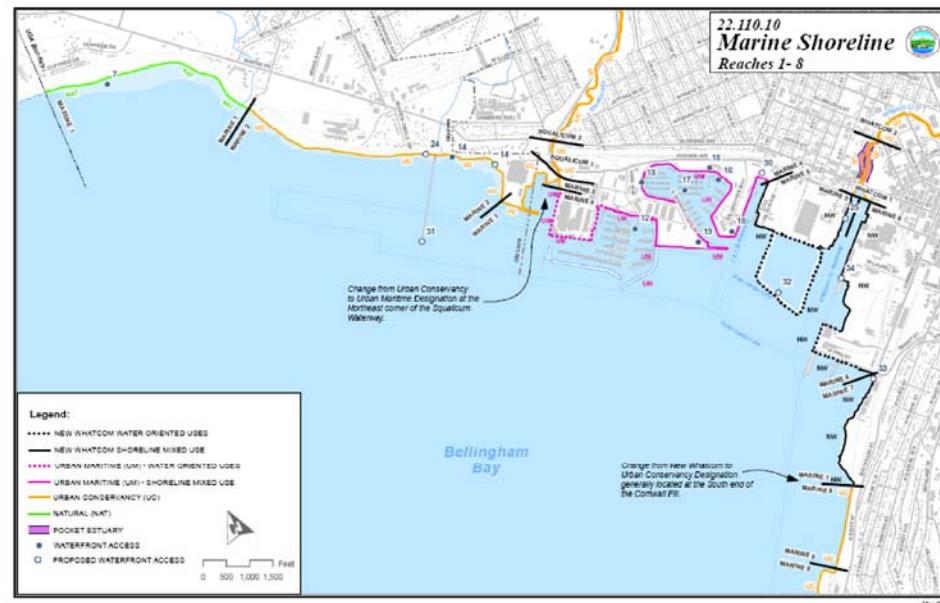
PROJECT BACKGROUND



- Public Process:
 - Shoreline Master Program Update 2007

Public Access “Goals and Objectives” includes:

*Overwater walkway
from the south end
of the Cornwall
Avenue Landfill to
the north end of
Boulevard Park*



PROJECT BACKGROUND



- Public Process
 - Greenway Levy III
 - City wide vote
 - Listed as Waterfront Redevelopment Trail



PROJECT BACKGROUND



- Funding Sources
 - Greenway Levy III
 - Heritage Parks Improvements Boulevard Park Trestle & Beach Improvements \$1.5M
 - Greenway Levy III
 - Waterfront Redevelopment Trail \$4M
 - 2005 Federal Enhancement Grant
 - \$1.6M
 - Ecology Remediation Grant (Focused Environmental Site Assessment)
 - Matching funding available upon completion of Agreed Order between City and Ecology

PROJECT BACKGROUND



- Schedule
 - Feasibility Study 2008
 - Pattle Point Trestle Improvements 2009
 - Shoreline Improvements 2010
 - Over water walkway permitting through 2011
 - Boulevard Park Cleanup 2012



SITE BACKGROUND STUDIES



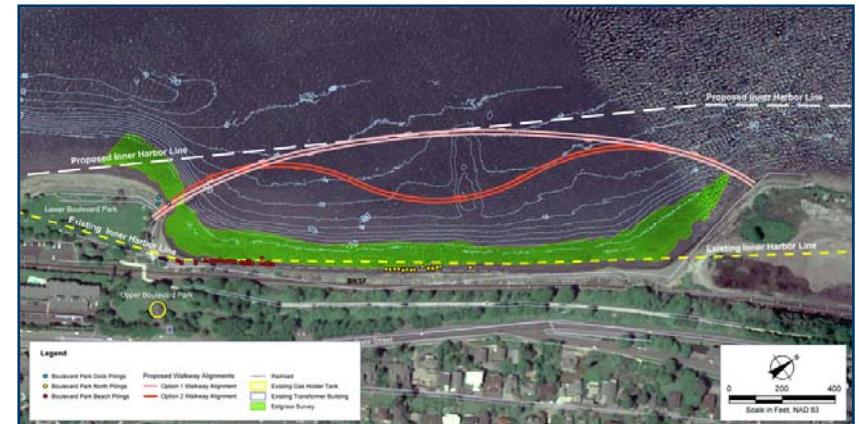
- Shoreline Assessment
- Pattle Point Condition Assessment
- Cultural Resources Assessment



SITE BACKGROUND STUDIES



- Focused Environmental Site Assessment and Geotechnical Study
 - Data Gap Analysis
 - Sampling and Analysis Plan
 - Sediment Sampling
 - Surface Sediments
 - Sediment Cores/Borings
 - Geophysical and Bathymetry Surveys



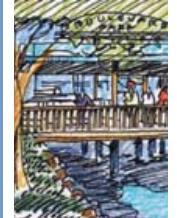
SITE BACKGROUND STUDIES



- Remedial Investigation/Feasibility Study
 - Agreed Order Negotiations with Ecology
 - Historical Coal Gasification Plant
 - Work Plans for Additional Sampling & Testing
 - Separate Public Participation Process

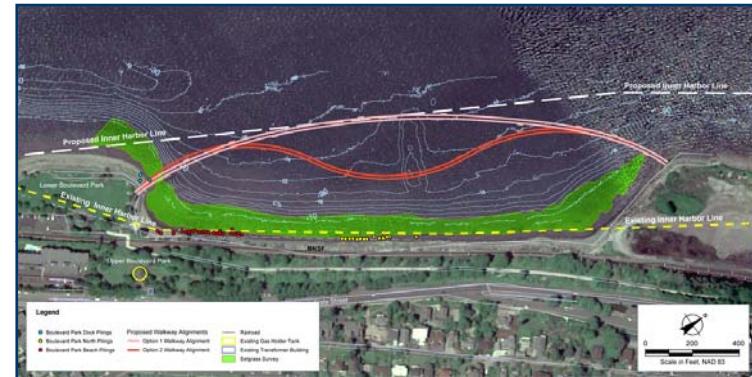


SITE BACKGROUND STUDIES



- **Eelgrass**

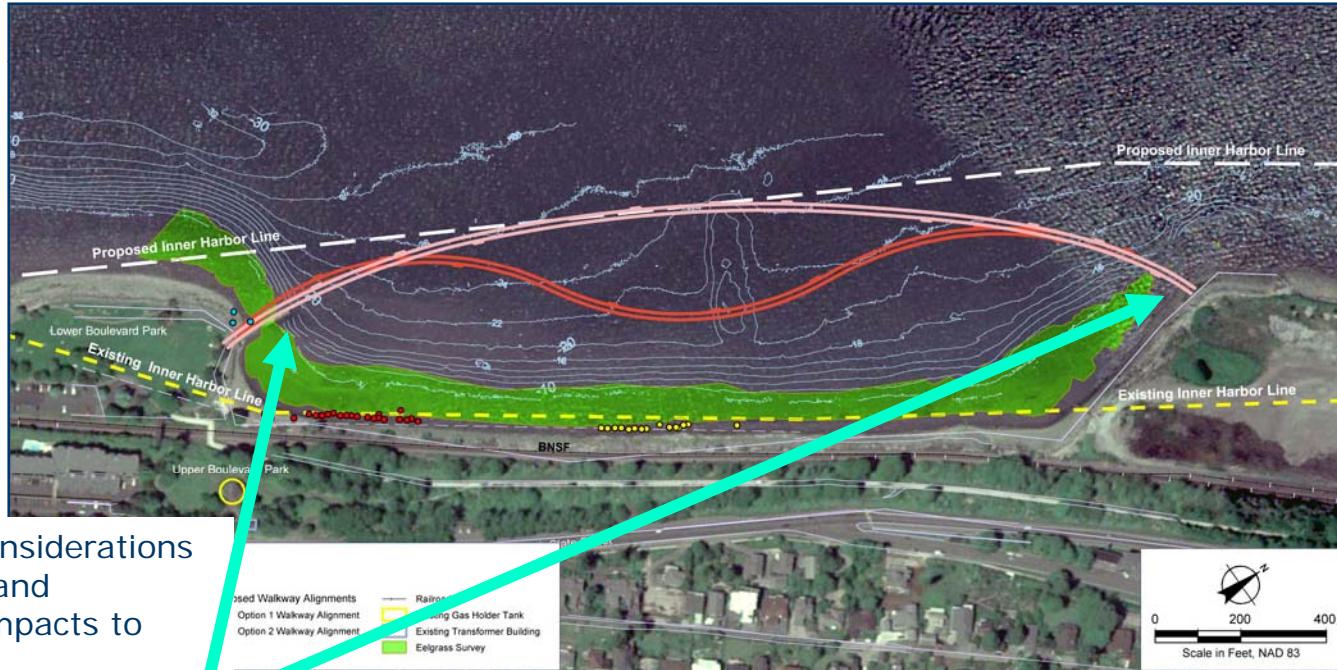
- Present in the Boulevard Park area and Pattle Point
- Very important aquatic habitat for a range of aquatic species including salmon
- Eelgrass and macroalgae survey conducted in June using latest survey protocols.
- Survey provides basis for avoiding and minimizing eelgrass and macroalgae
- Results show clear limits of eelgrass and no macroalgae.



SITE BACKGROUND STUDIES



- Eelgrass and Concept Design
 - Approach: avoid and minimize impacts



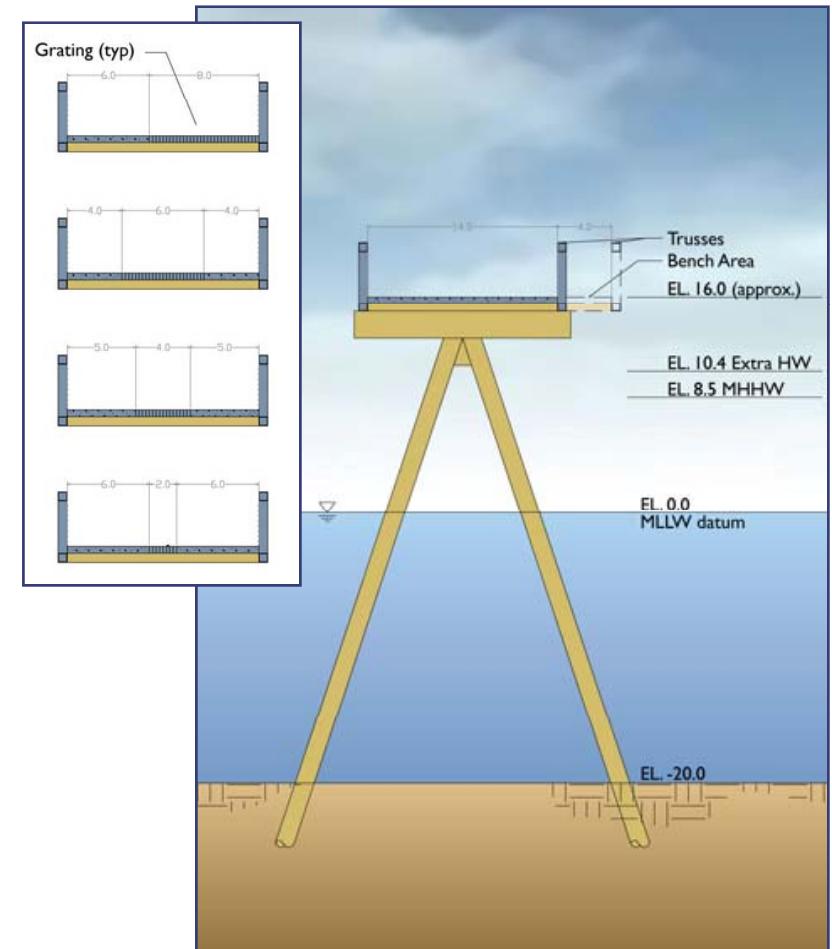
Important considerations for avoiding and minimizing impacts to eelgrass:

- Location of approaches
- Water depth under trail
- Walkway surface

INITIAL CONCEPTS



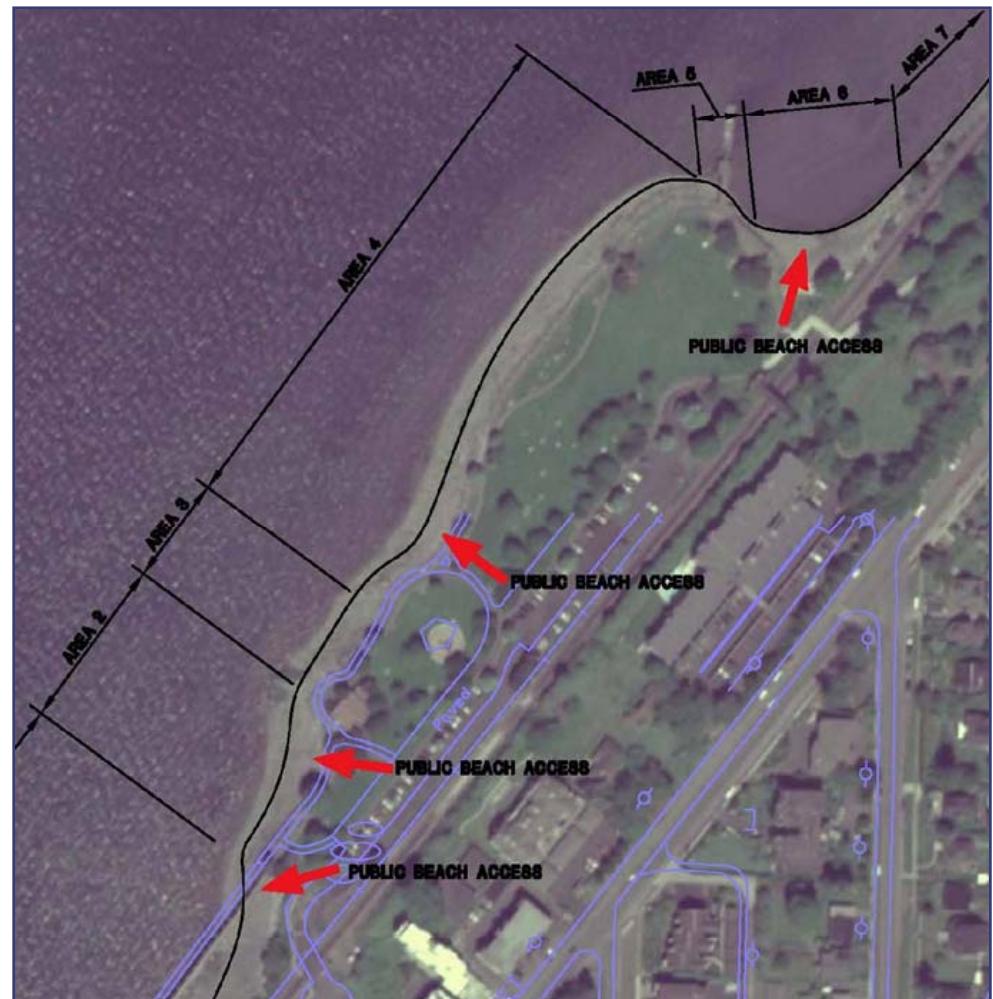
- Pattle Point Trestle Renovation
 - Existing stringers are at the end of design life
 - Improve walking surface and ADA access
 - Reuse piling and pile caps
 - Replace superstructure
 - Increase width to 12' plus bench areas
 - Utilize combination of grating and solid concrete decking



INITIAL DESIGN CONCEPTS



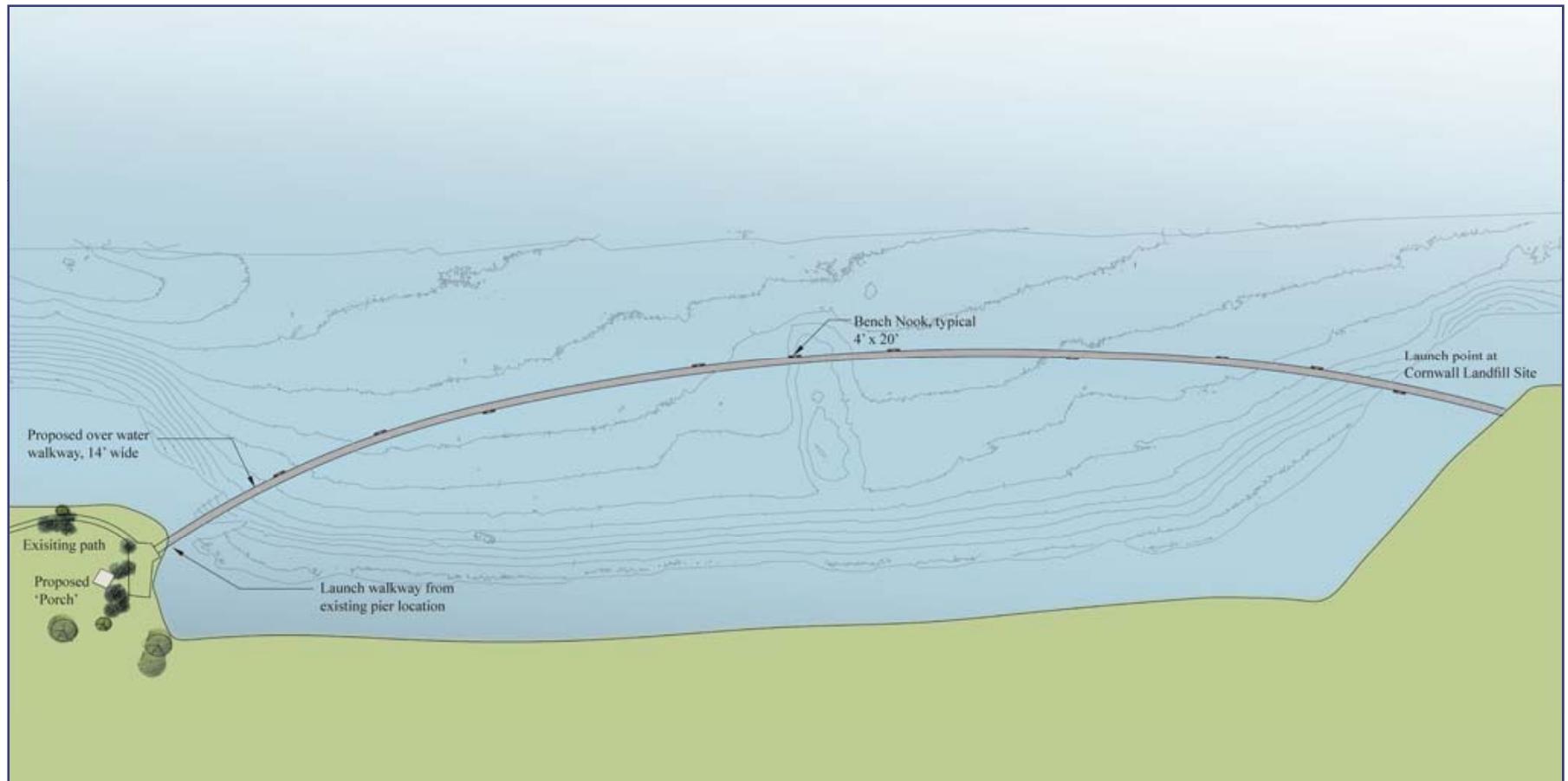
- Shoreline Improvements
 - Enhance public access and environment
 - Four proposed areas of enhancement
 - Removal of concrete & rock rubble
 - Create gradual sloped pocket beach areas
 - Minor trail relocation



INITIAL CONCEPTS



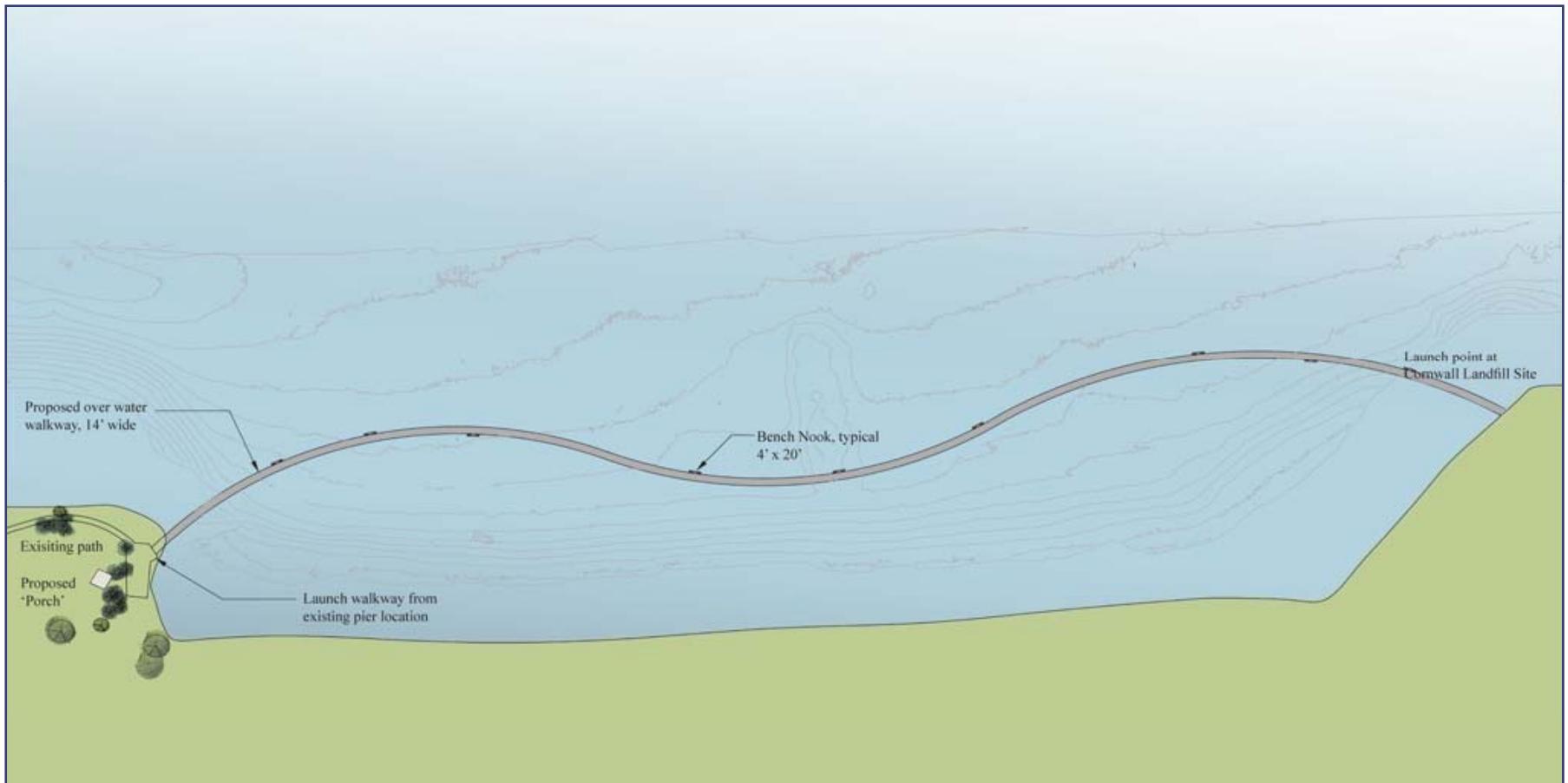
- Overwater Trail Layout Option 1 – Arc Style



INITIAL DESIGN CONCEPTS



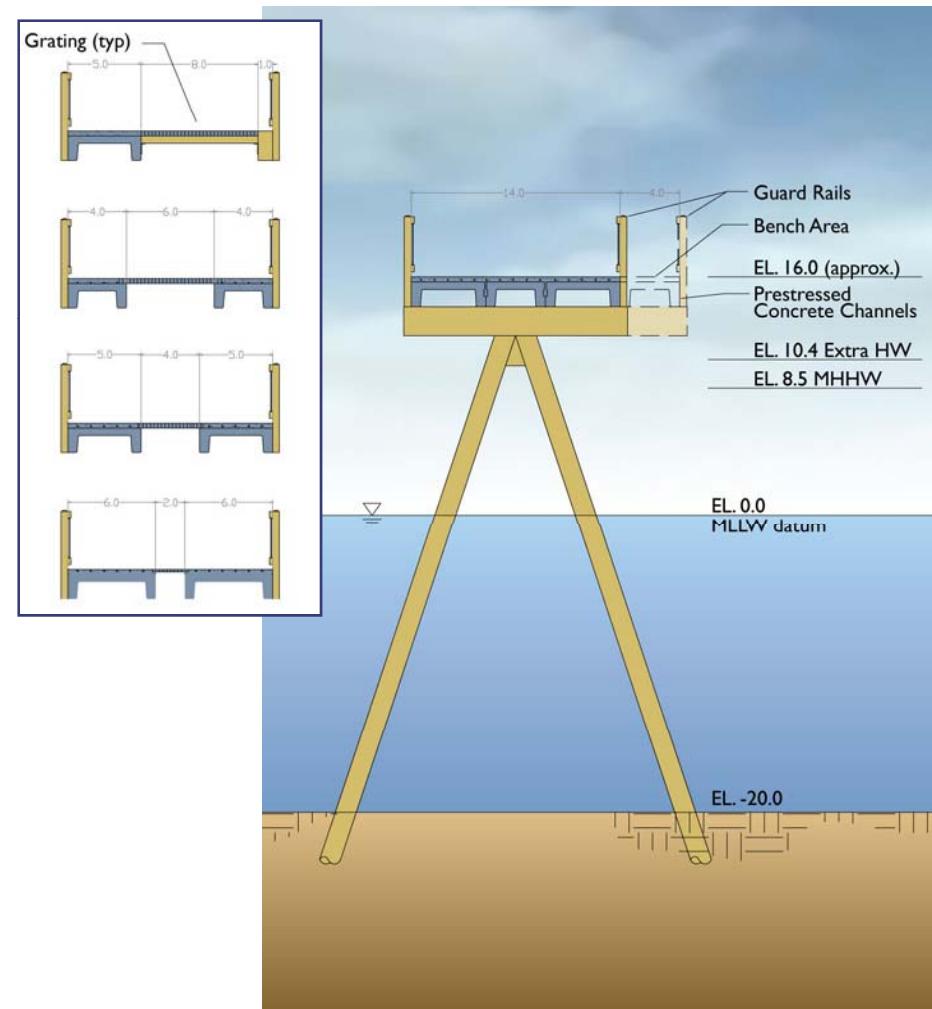
- Overwater Trail Layout Option 2 – S Curve Style



INITIAL DESIGN CONCEPTS



- 14' clear walkway
- Bench areas
- Decking – combination of grating and solid concrete surfacing
- Handrail
- Low level security lighting



INITIAL DESIGN CONCEPTS



- Structure Options
 - Channel Design (similar to Taylor St Dock)
 - Truss Design



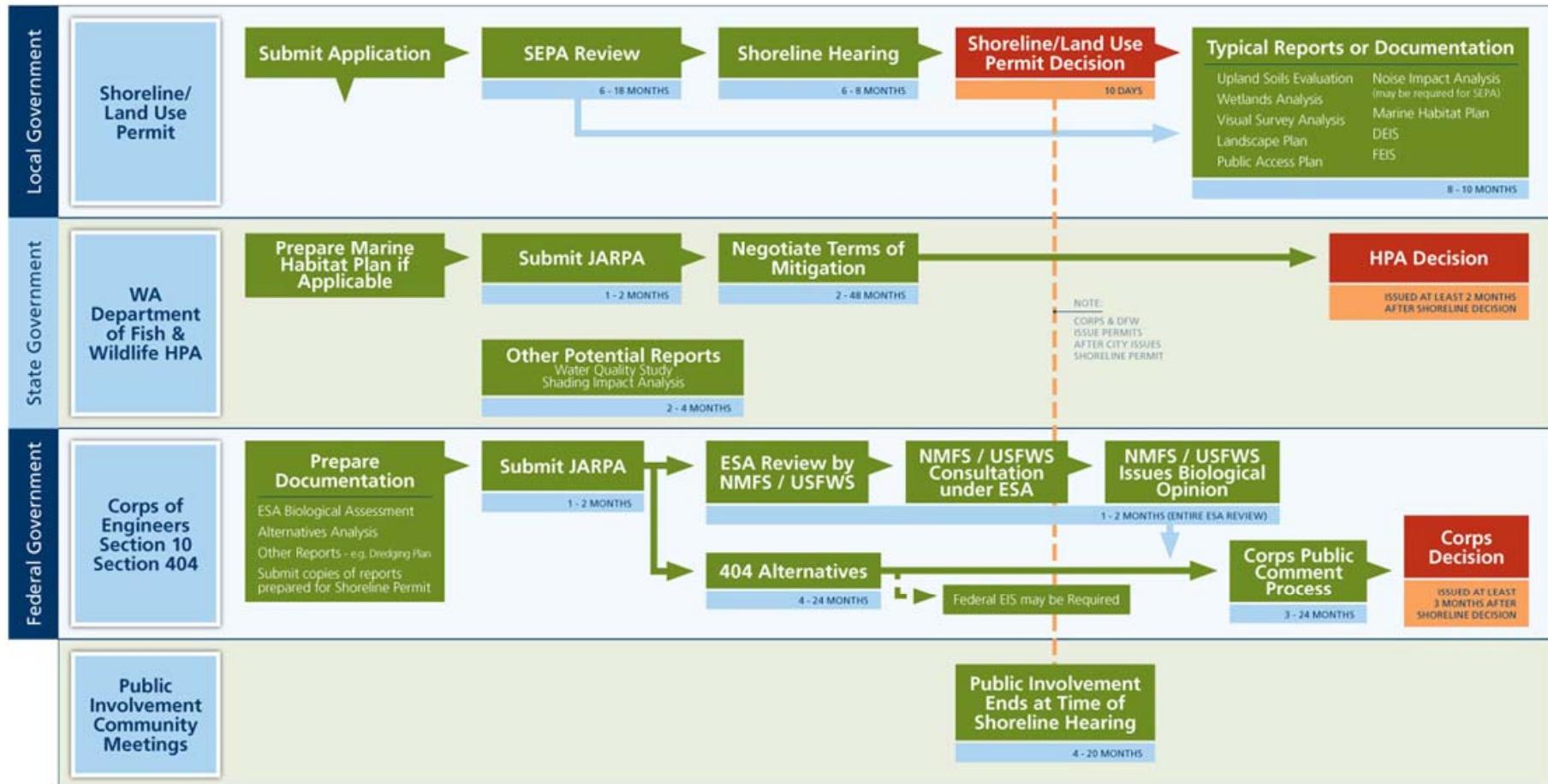
INITIAL DESIGN CONCEPTS



- Conceptual Options



TYPICAL LAND USE & SHORELINE PERMITTING PROCESS



PERMIT AGENCY RELATIONSHIPS



City of Bellingham
Shoreline Substantial Permit
SEPA

State Government
Department of Fish & Wildlife
Hydraulic Project Approval
(HPA)
Department of Ecology-
Water Quality Permit

Federal Government
Corps of Engineers §10 or 404
ESA Compliance - NOAA (NMFS),
USFWS



SHORELINE PERMITTING



Key Issues In water

- Water depths
- Nearshore Habitat
- Vegetation – eelgrass & surf smelt
- Overwater Coverage
- Fish Windows & Closures
- Cultural Resources

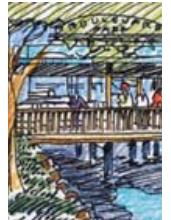


NEXT STEPS

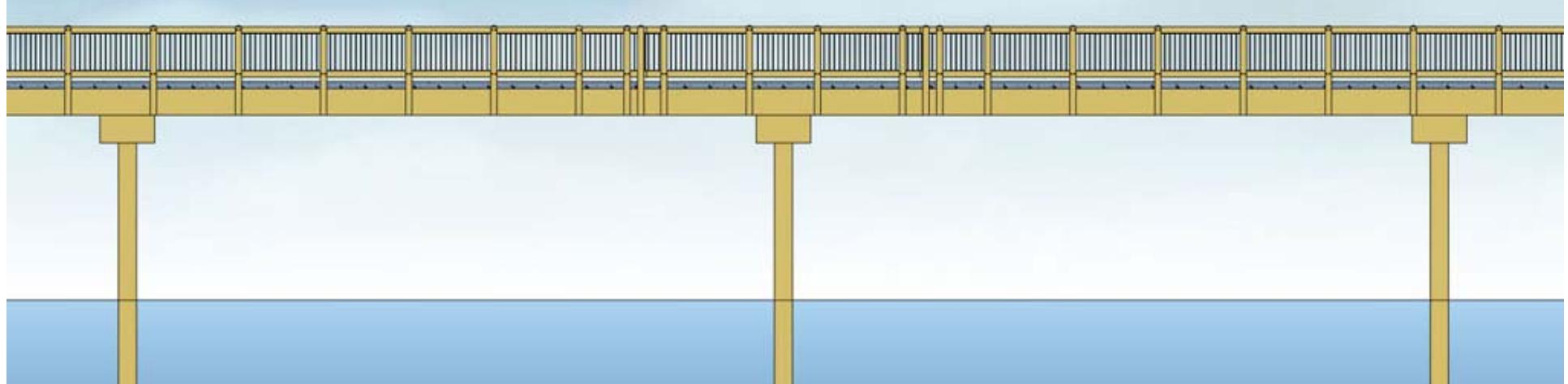


- Negotiate DNR lease
- Permitting agency approval (tribes, Army Corps, WDFW, DNR, Port, etc)
- Improvements to existing Pattle Point construction
- Focused ESA for Waterfront Project, RI/FS for Coal Gasification Site (Boulevard Park), Engineering/Design and Construction Cleanup for Cornwall Landfill
- Seek grants from RCO and other sources
- Construct Shoreline improvements at Boulevard Park
- Construct over water walkway

Q & A



Boulevard Park



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