



**RESTORING THE DESCHUTES
ESTUARY**



Land Acknowledgement

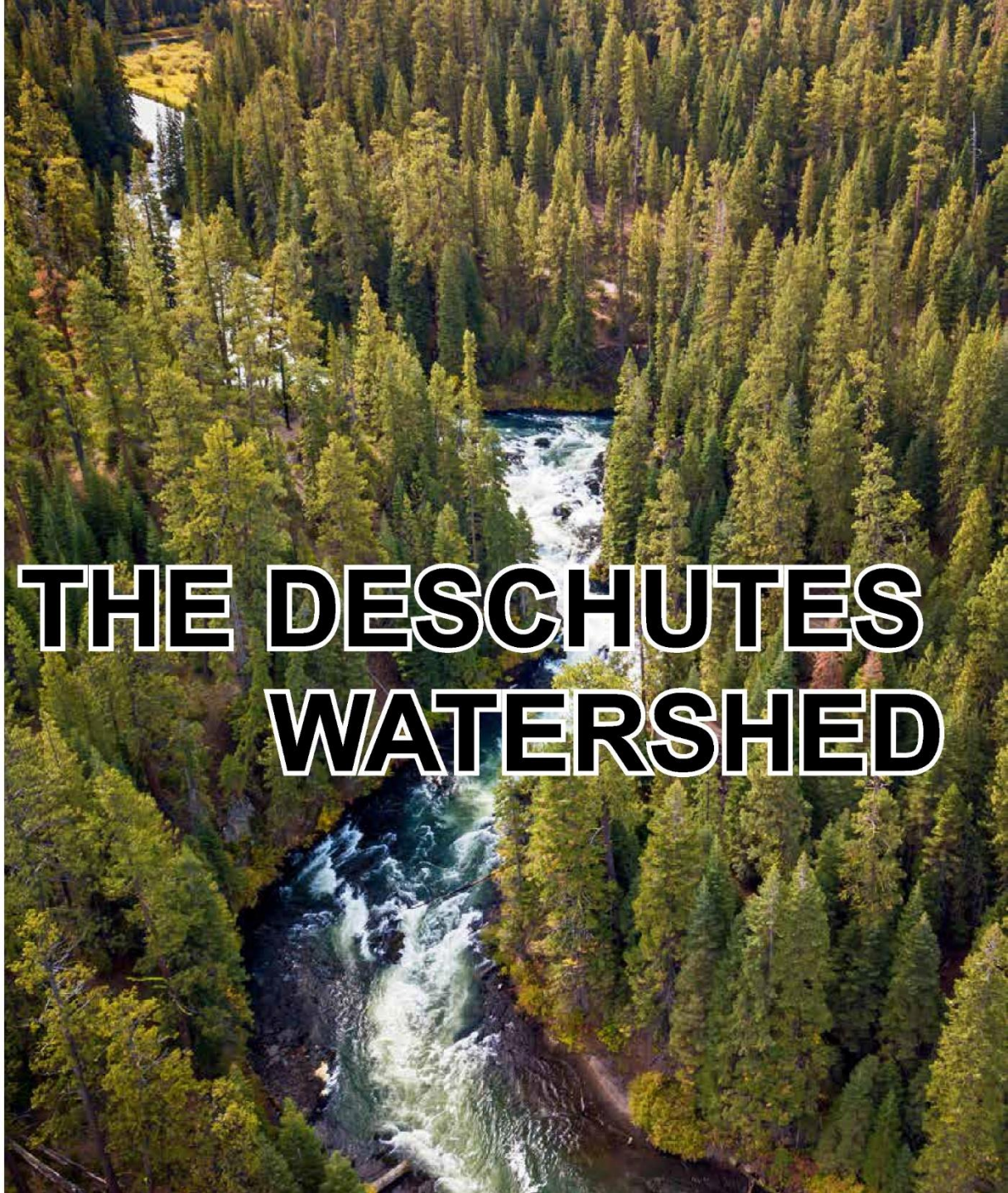
DES acknowledges the Indigenous people who have stewarded this land since time immemorial and who still inhabit the area today, the Steh-Chass Band of Indigenous people of the Squaxin Island Tribe.



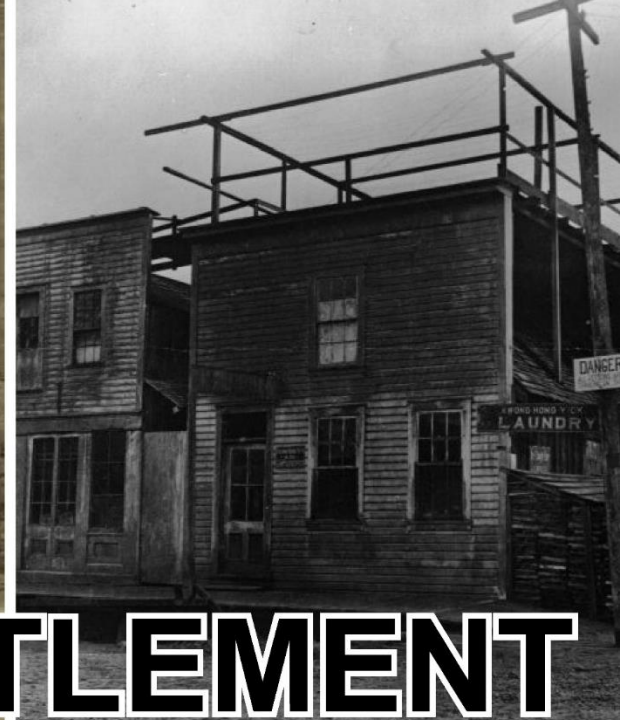
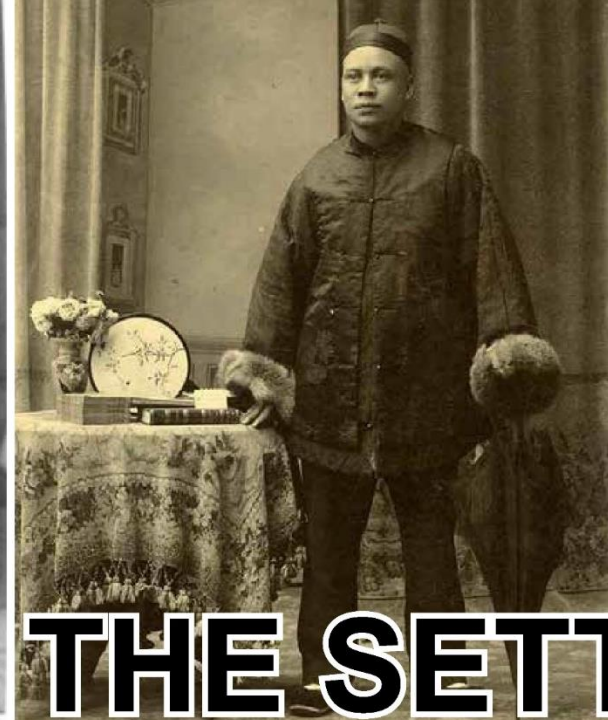
PARTNERING WITH THE SQUAXIN ISLAND TRIBE



ENHANCING THE DESCHUTES WATERSHED

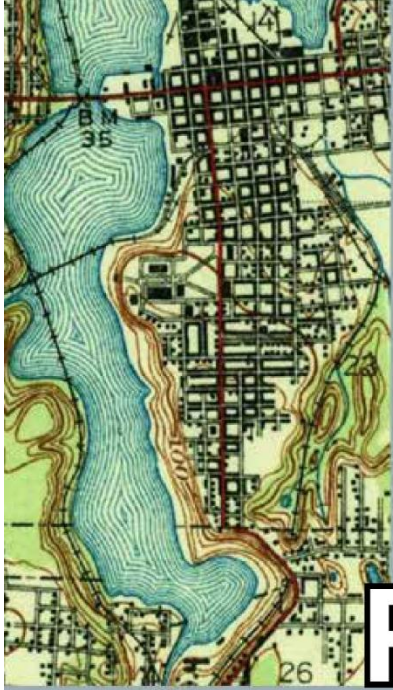


with
520 KIM STREET,
OLYMPIA WASH.



RECOGNIZING THE SETTLEMENT COMMUNITY

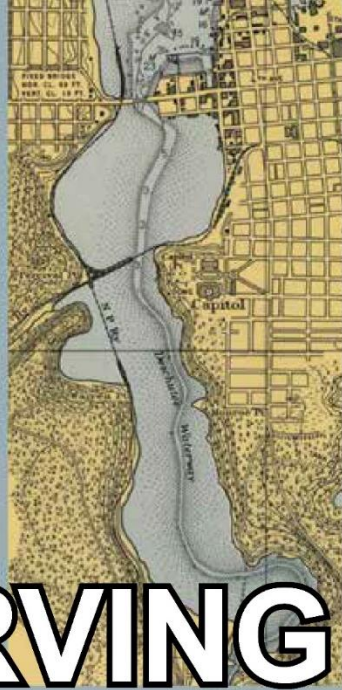




1937



1941-07-10



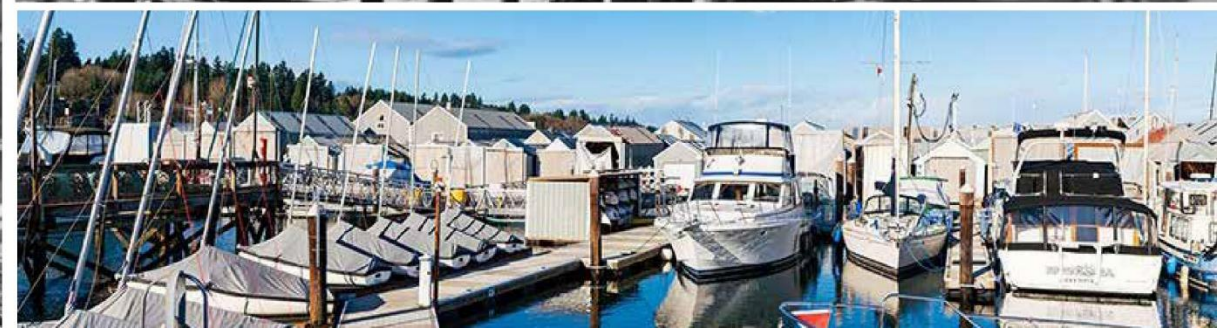
1948

PRESERVING



THE MARITIME

HISTORY





ENGAGING THE CIVIC



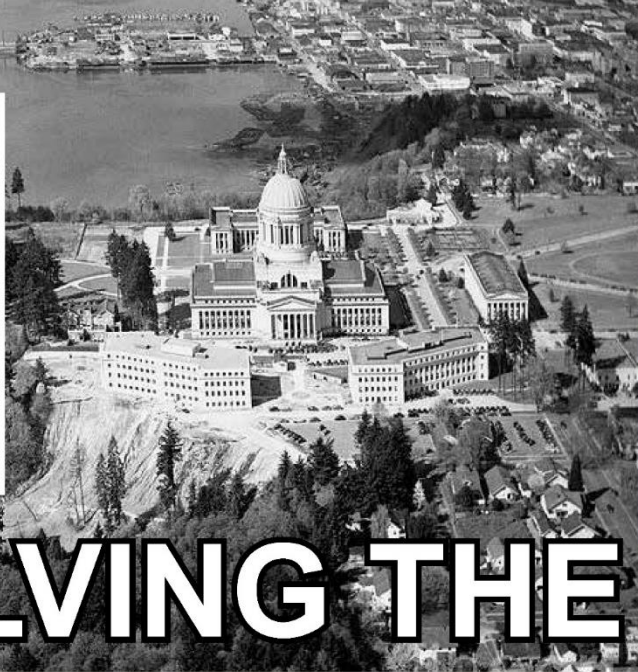
COMMUNITY

1893

1911

1912

EVOLVING THE



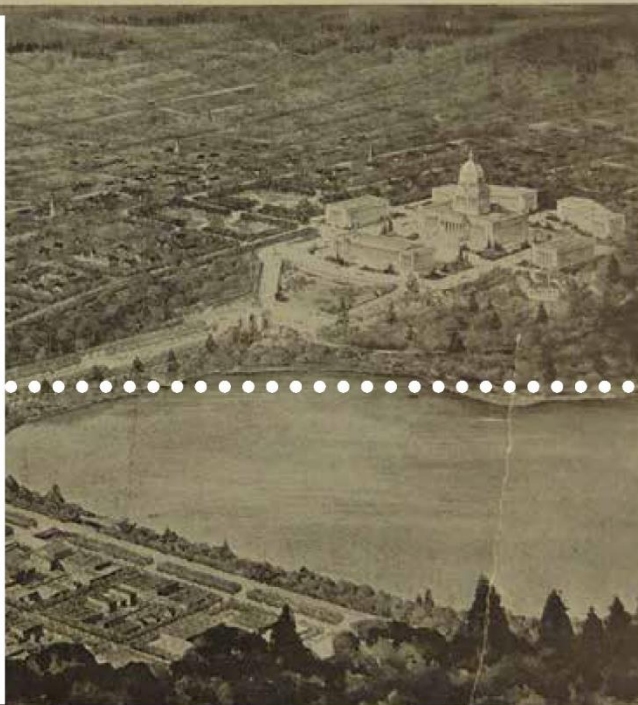
1967

1976

1986

1991

1994



BIRD'S-EYE VIEW



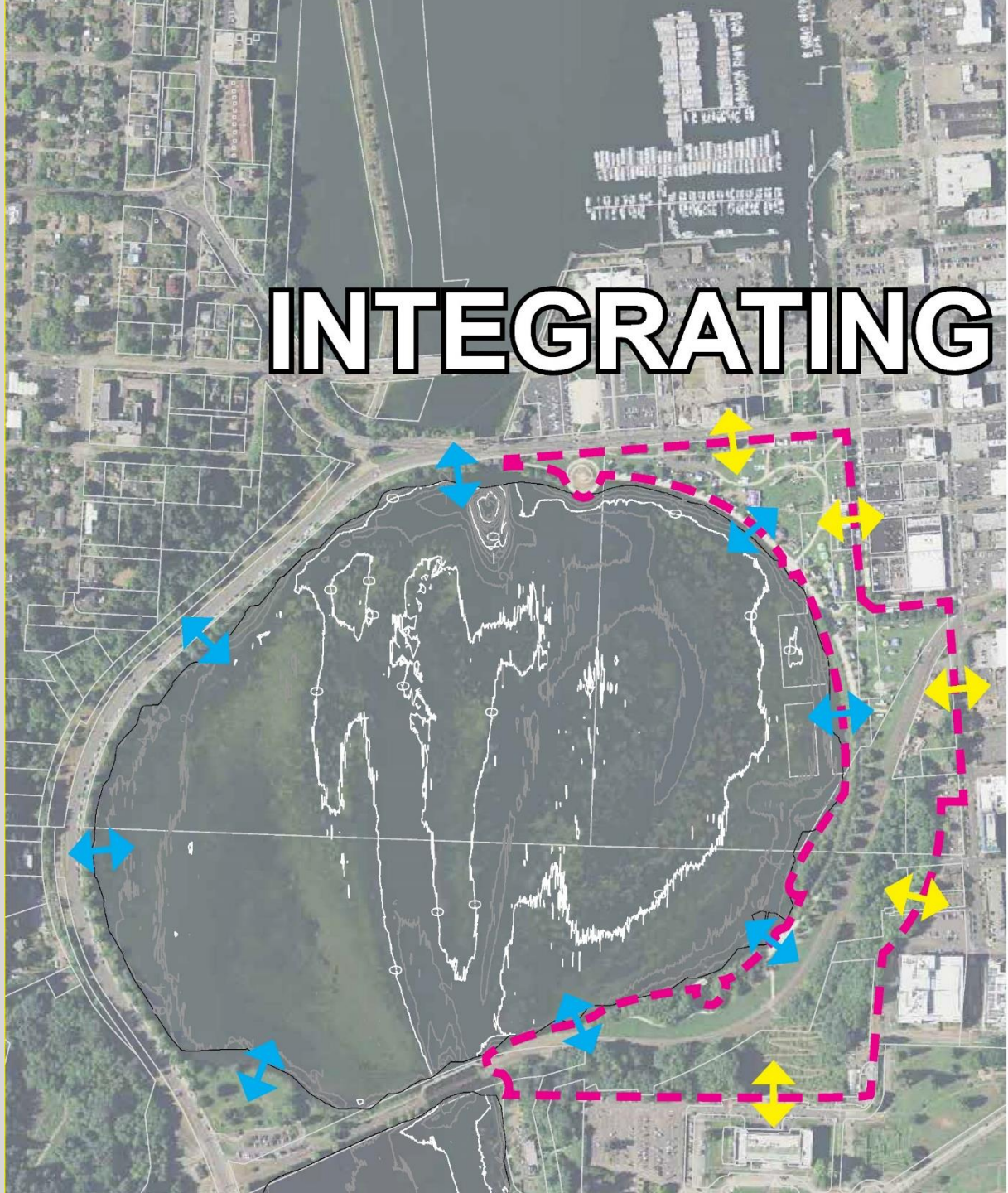
CAPITOL CAMPUS MASTER PLAN

2024

INTEGRATING



HERITAGE PARK

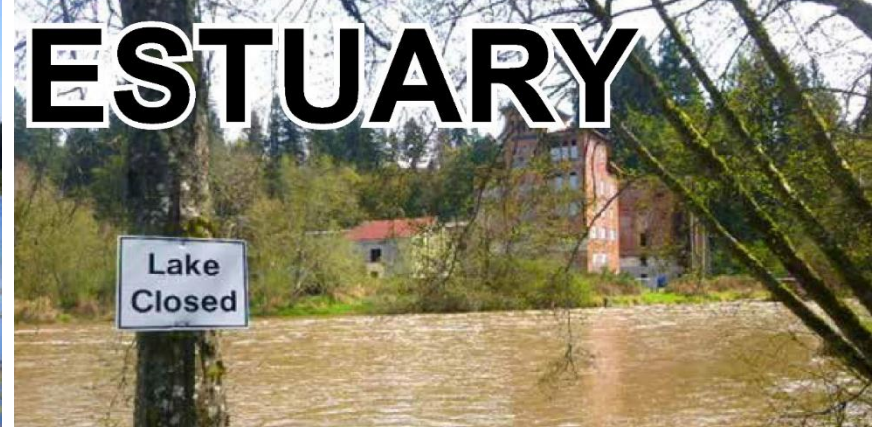




RESTORING

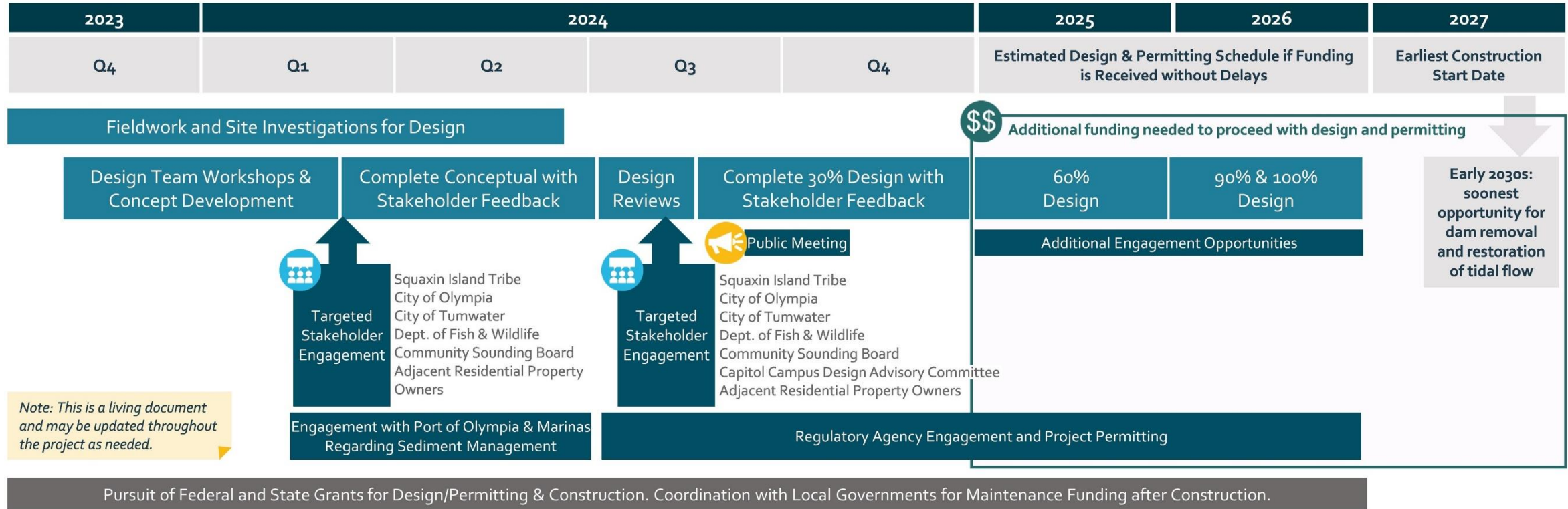


**THE
ESTUARY**





Current Design Schedule & Key Milestones



Note: This is a living document and may be updated throughout the project as needed.

Conceptual Design: Overview

Historic Aerials



Restoration 15% Design



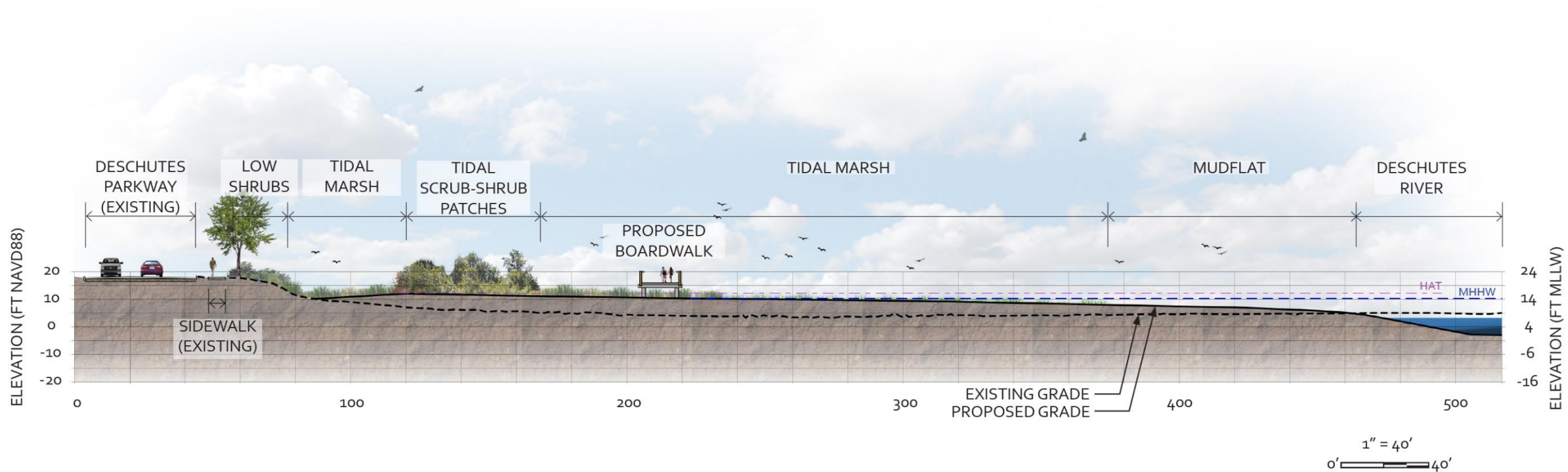
Legend

- Viewpoints
- Boardwalk

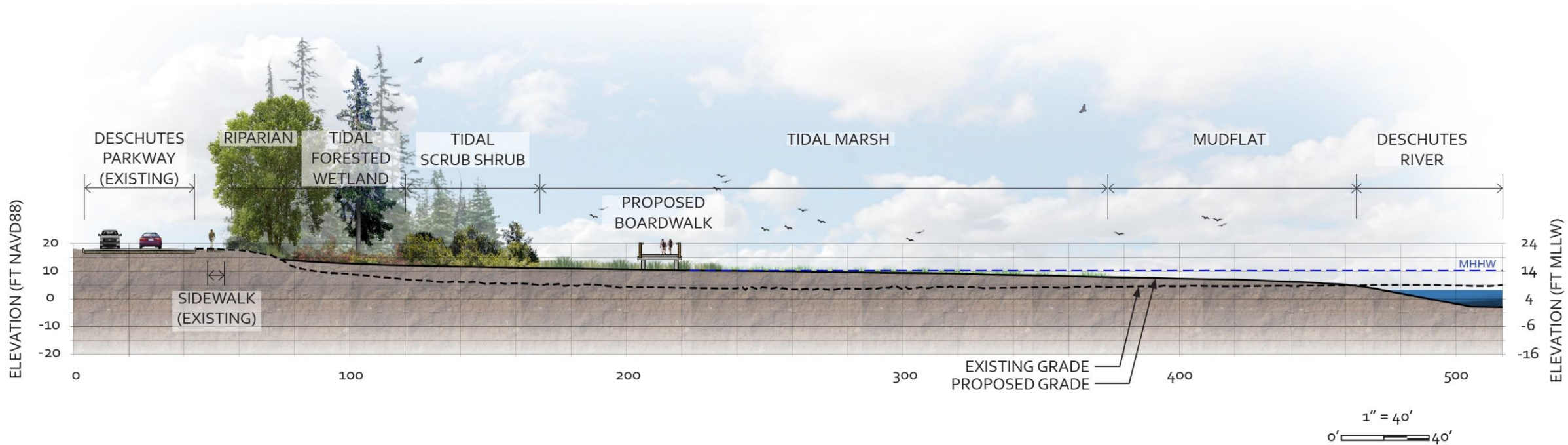
Habitat - Elevations ft NAVD88

Riparian (> 14')
Tidal forested wetland (12' to 14')
Tidal scrub-shrub (11' to 12')
Tidal high marsh (10.5' to 12')
Tidal low marsh (8' to 10.5')
High mudflat (4' to 8')
Mid mudflat (0' to 4')
Low mudflat (-4' to 0')
Subtidal (< -4')

Middle Basin Concept Cross Section



Potential Forested Areas Concept Cross Section



NORTH BASIN CONCEPTUAL RENDERING

Existing Conditions



NORTH BASIN CONCEPTUAL RENDERING

Mean Sea Level



NORTH BASIN CONCEPTUAL RENDERING

Mean Lower Low Water



MIDDLE BASIN CONCEPTUAL RENDERING

Existing Conditions



MIDDLE BASIN CONCEPTUAL RENDERING

Mean Sea Level



MIDDLE BASIN CONCEPTUAL RENDERING

Mean Lower Low Water



5TH AVENUE BRIDGE CONCEPTUAL RENDERING

Aerial view from southwest



5TH AVENUE BRIDGE PLAN

4th Avenue

Vertical Sculpture

ADA Access Stairs

Art & Interpretive Signage

Extended Landscape

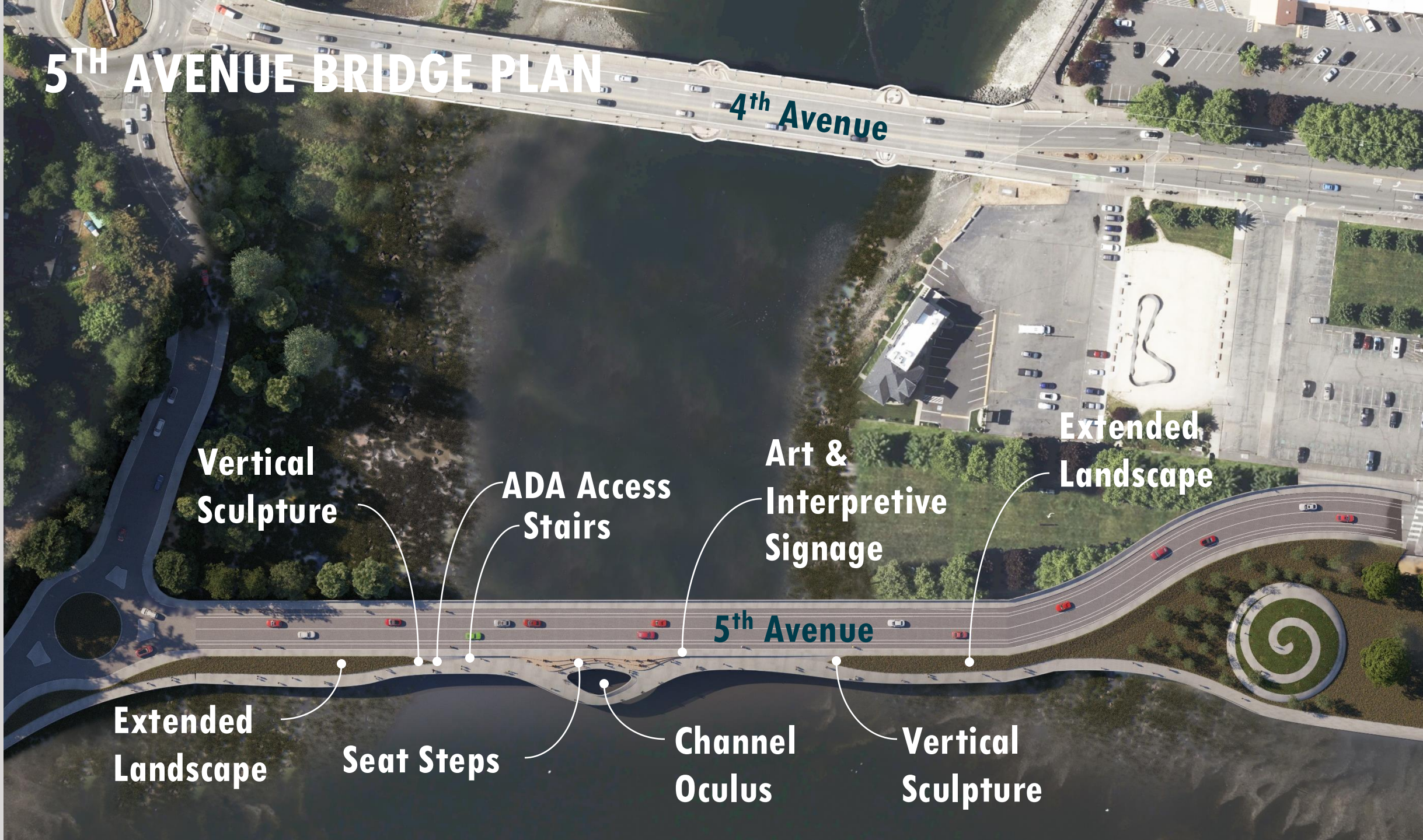
5th Avenue

Extended Landscape

Seat Steps

Channel Oculus

Vertical Sculpture



5TH AVENUE BRIDGE CONCEPTUAL RENDERING

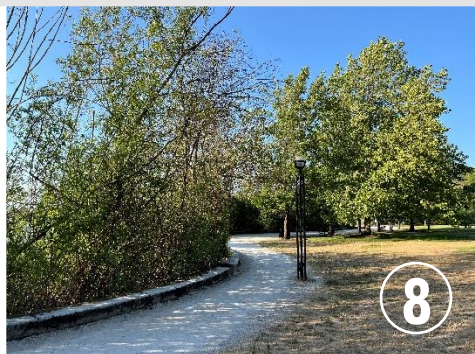
High water level view from southeast



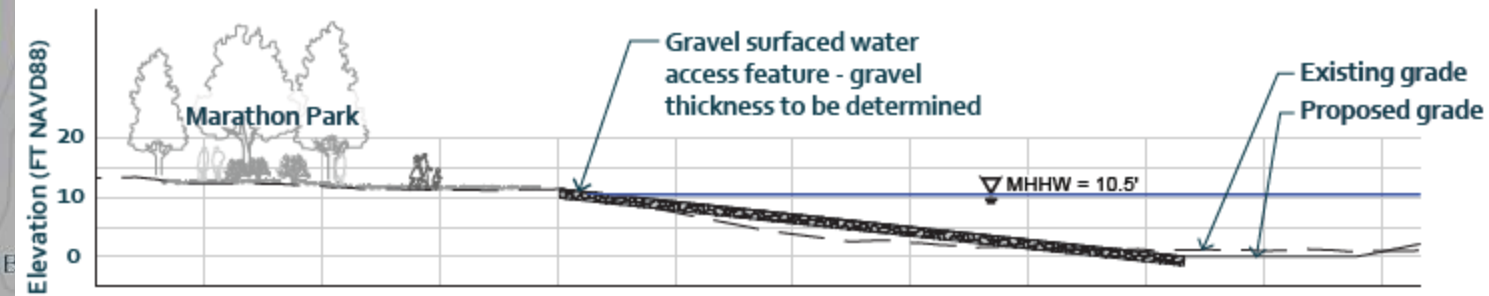
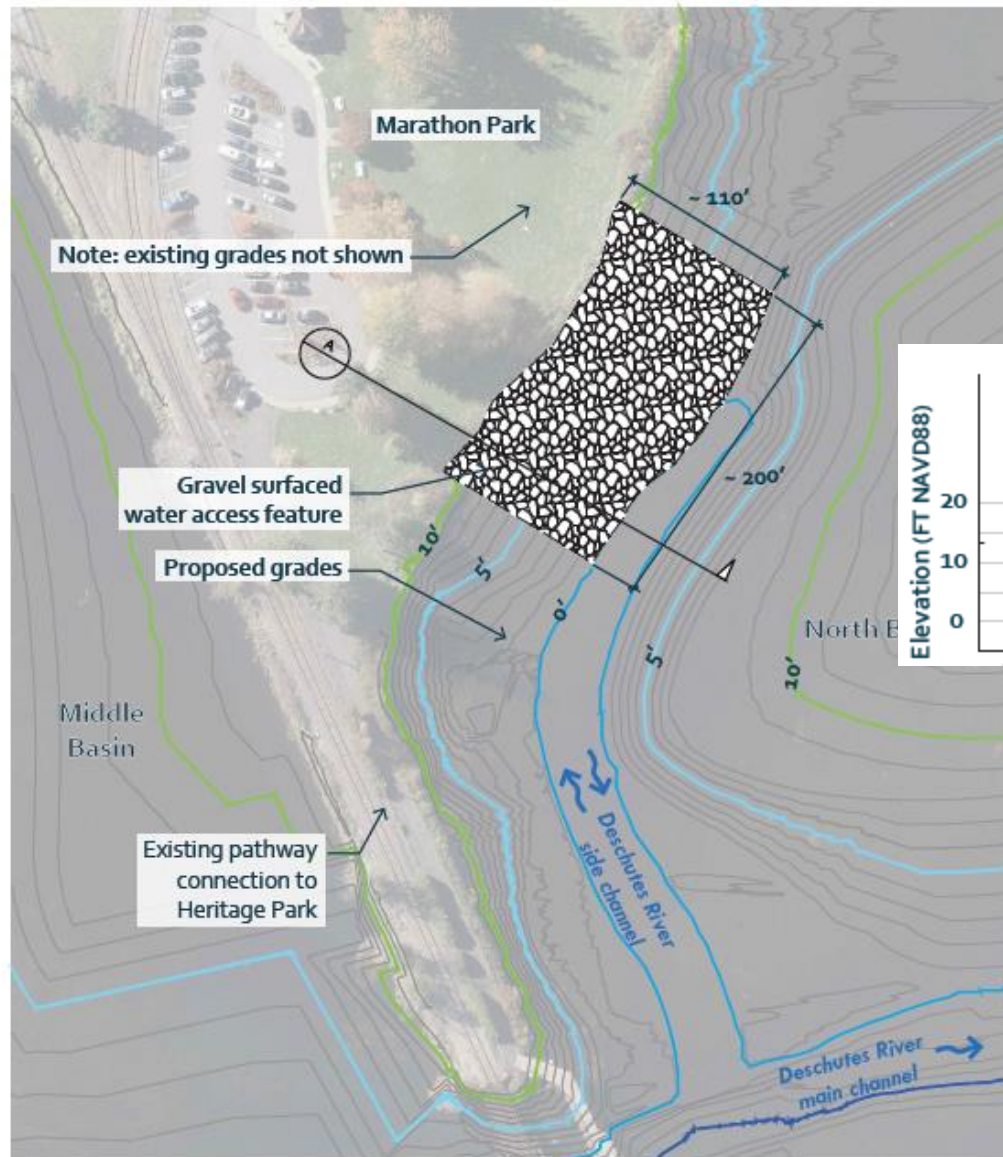
5TH AVENUE BRIDGE CONCEPTUAL RENDERING

View from bridge at channel oculus

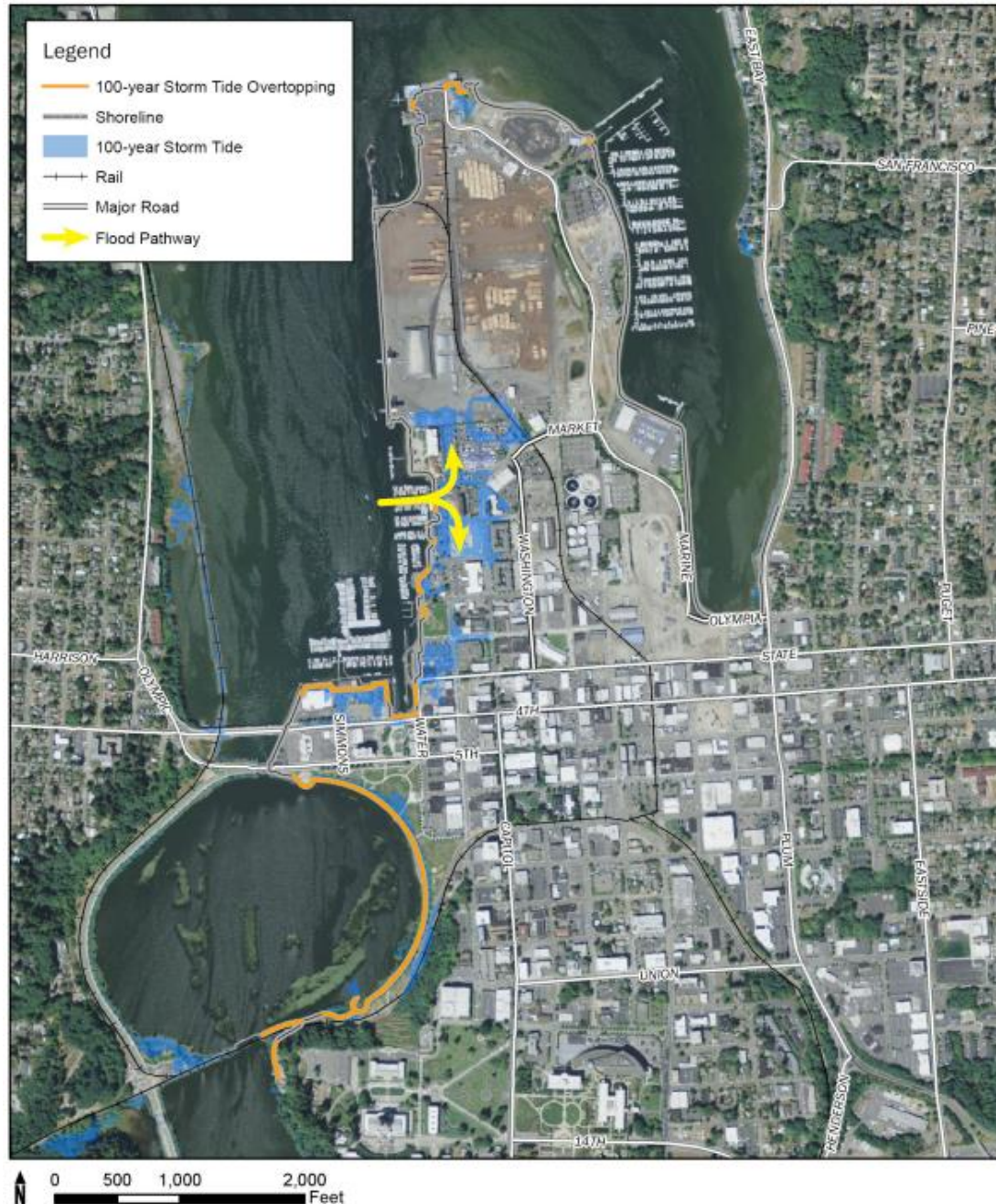




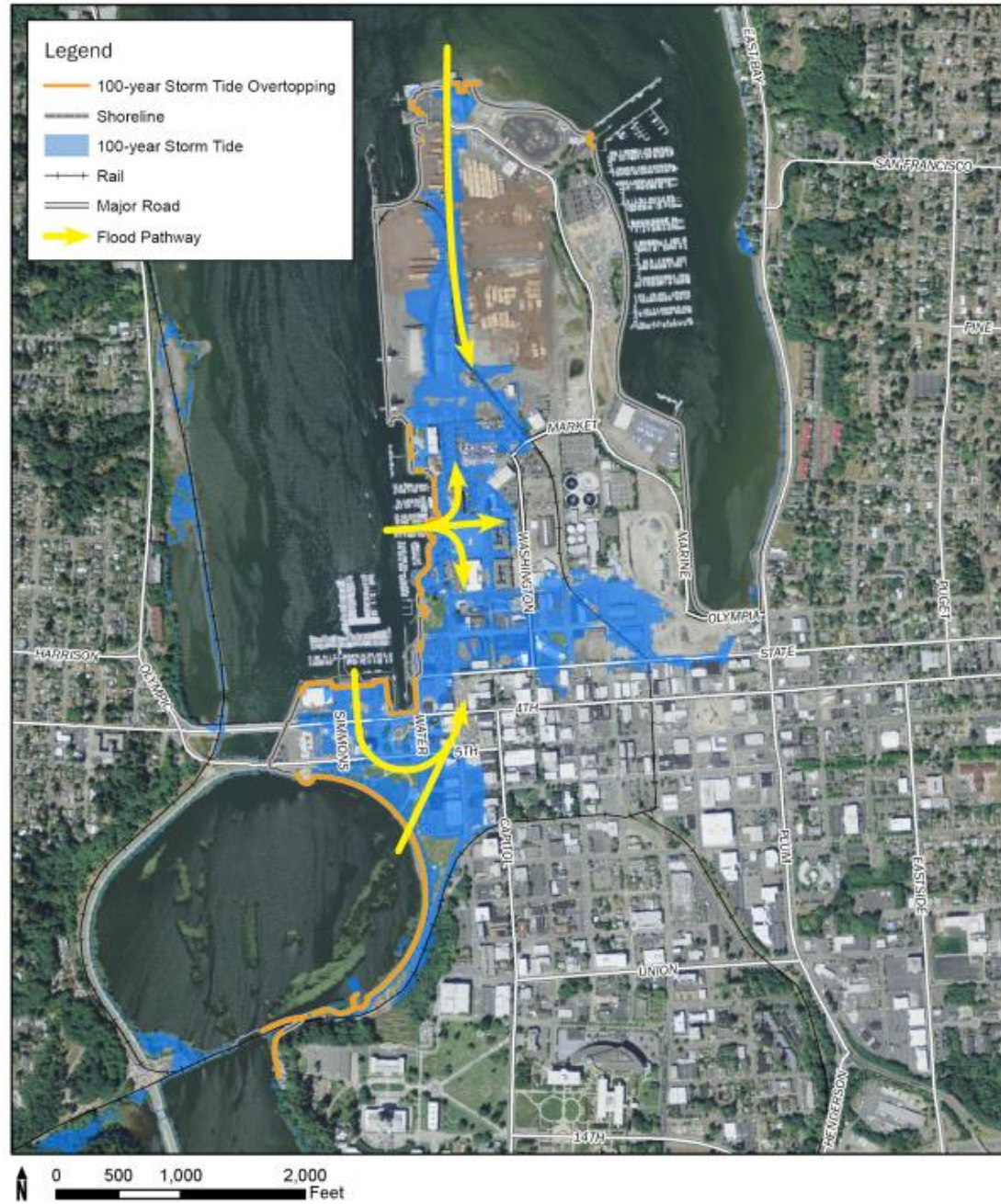
Water Access Options – Mudflat



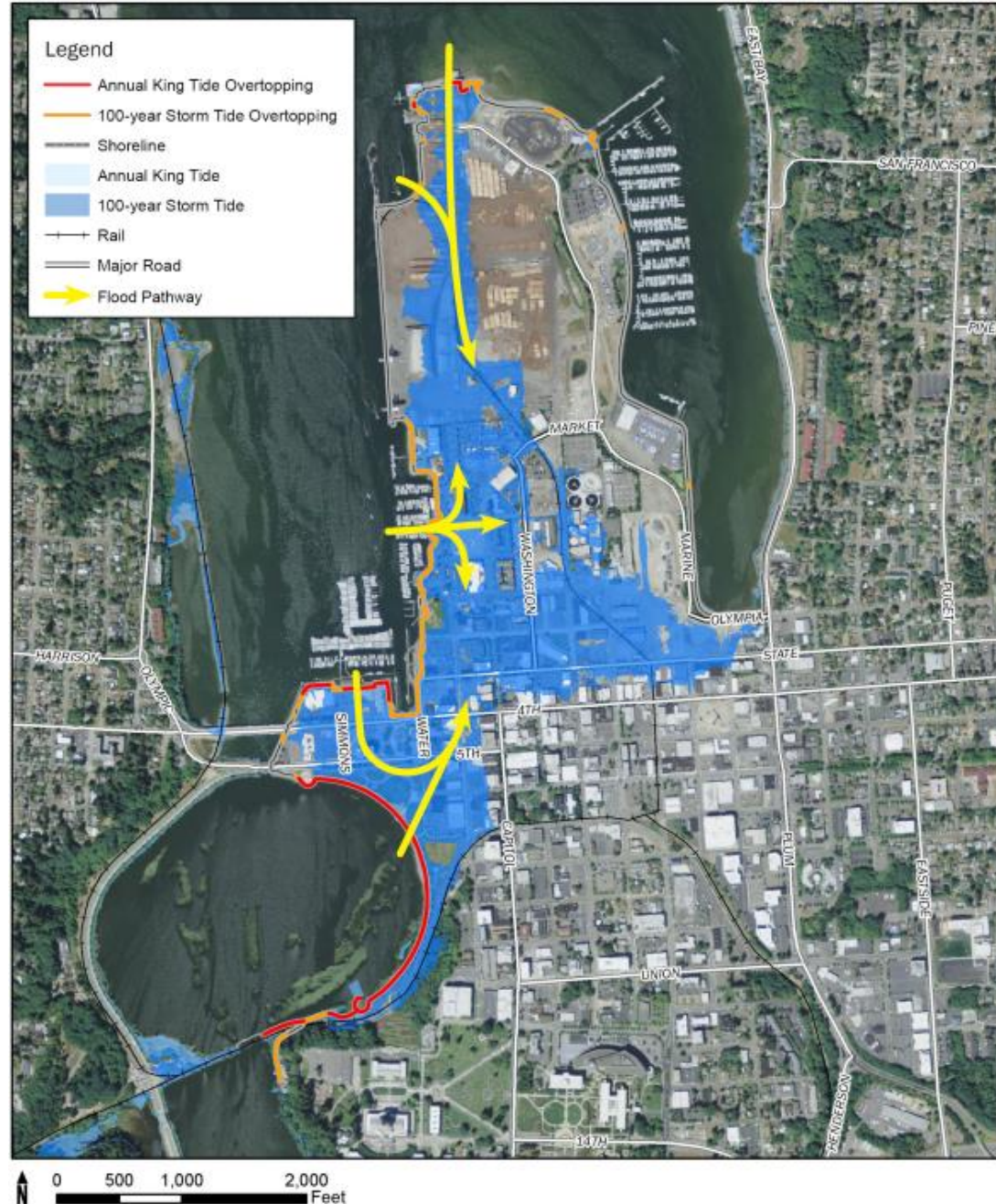
Today



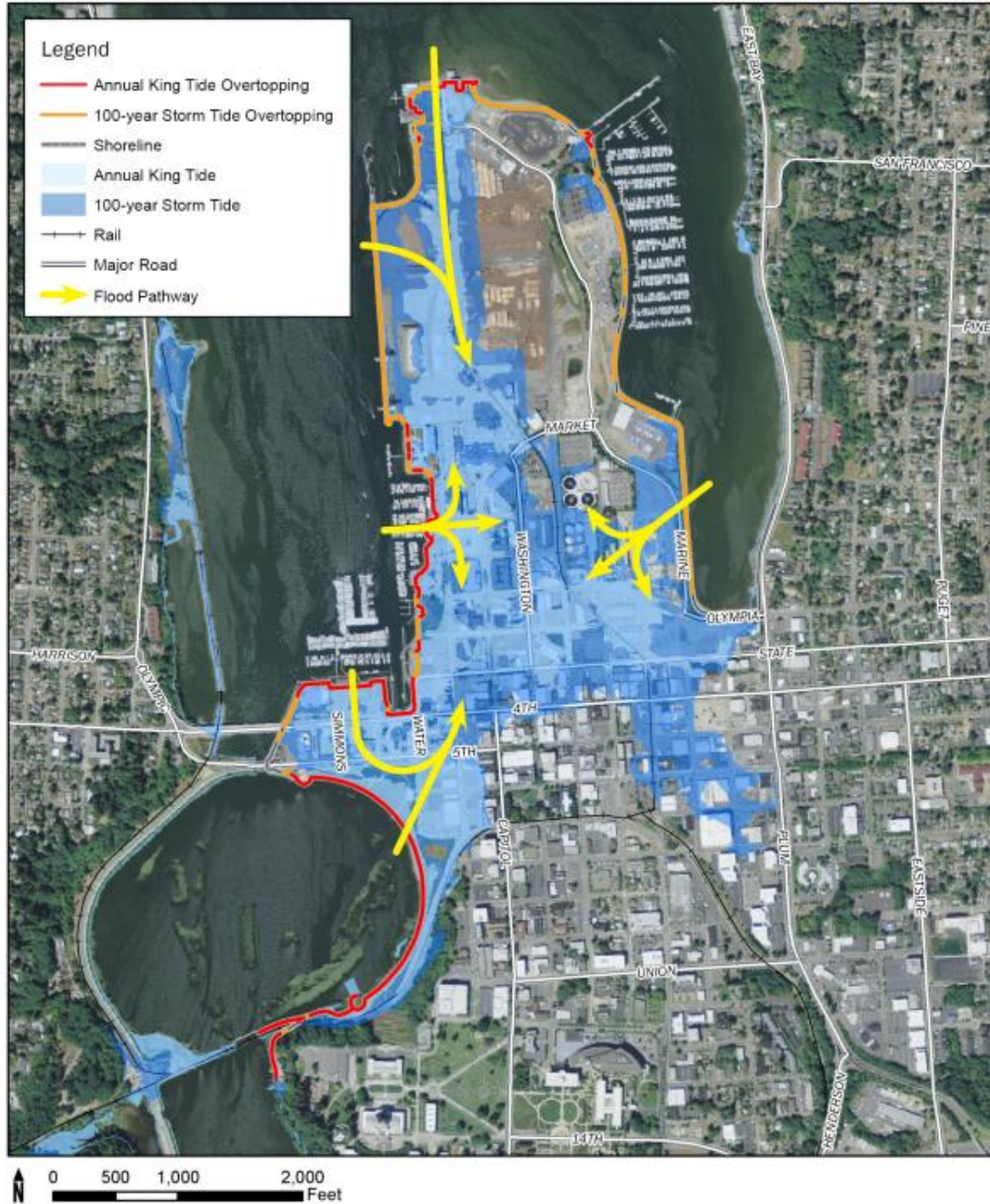
6" SLR 2040 to 2060



12" SLR 2050 to 2080

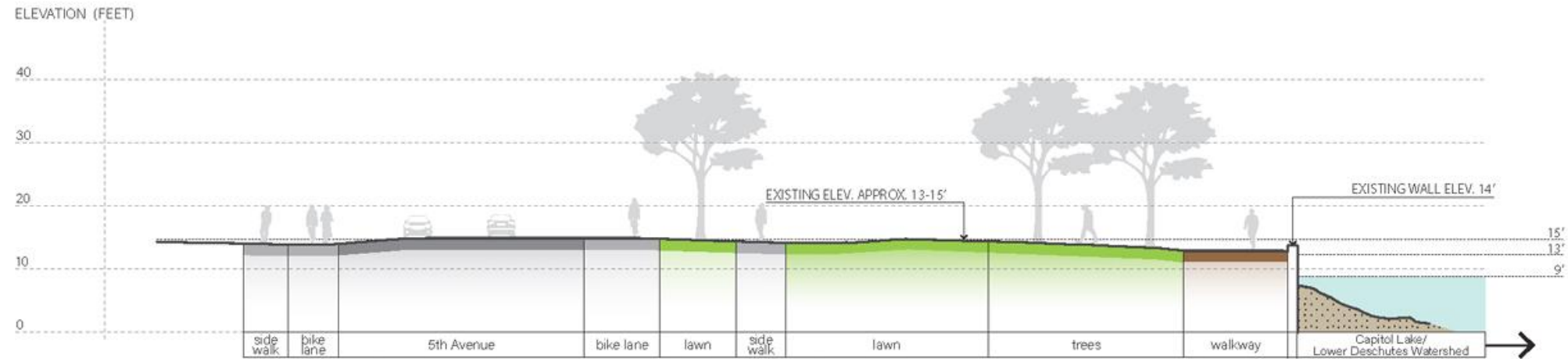


24" SLR 2070 to 2130



Existing Conditions at Heritage Park

5TH AVENUE PERSPECTIVE

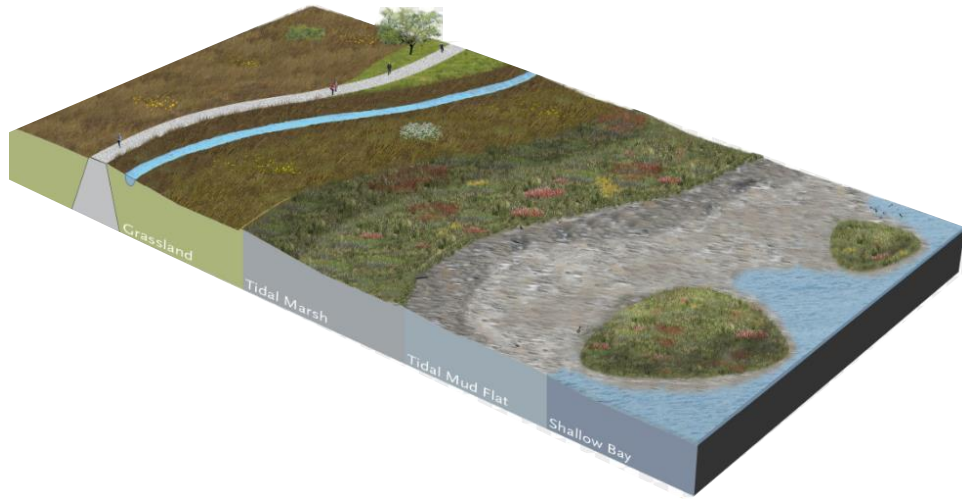


NOTES

ELEVATION DATUM:	NAVD88
TYPICAL WATER LEVEL:	9'
2 YEAR FLOOD:	13'
100 YEAR FLOOD:	15'

Source: City of Olympia Sea Level Rise Response Plan, 2019

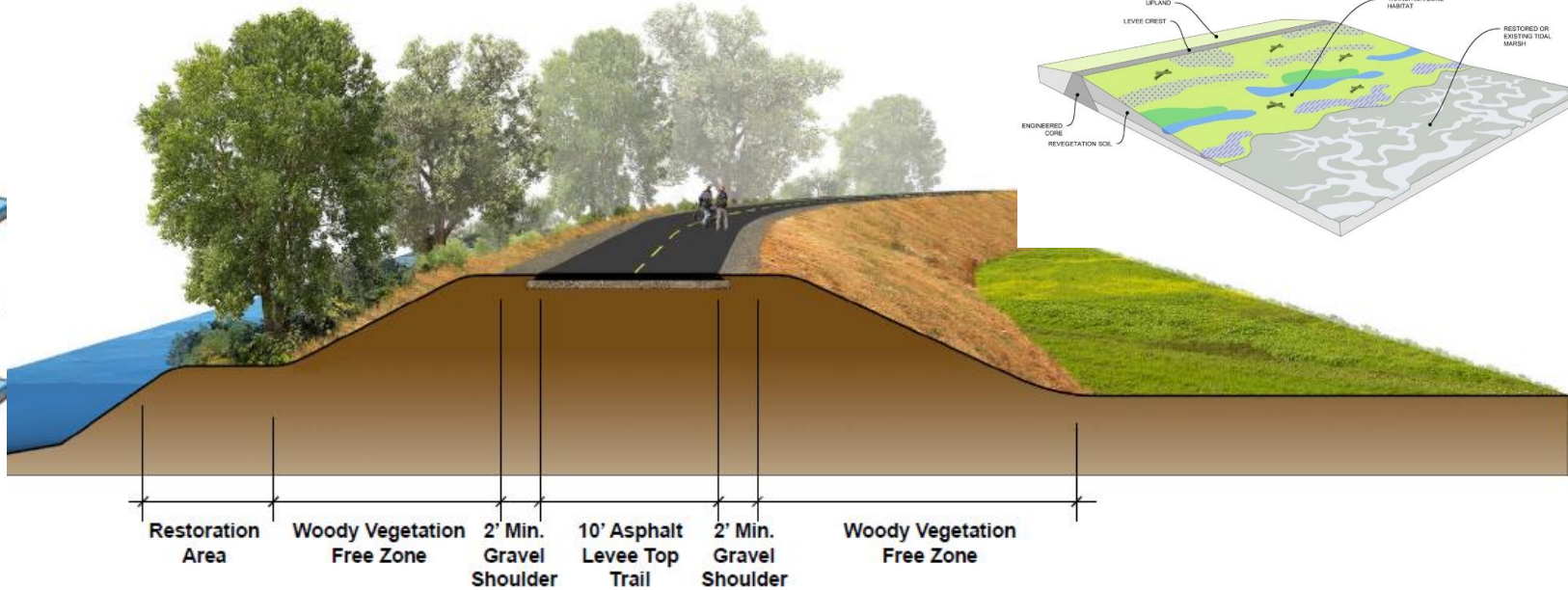
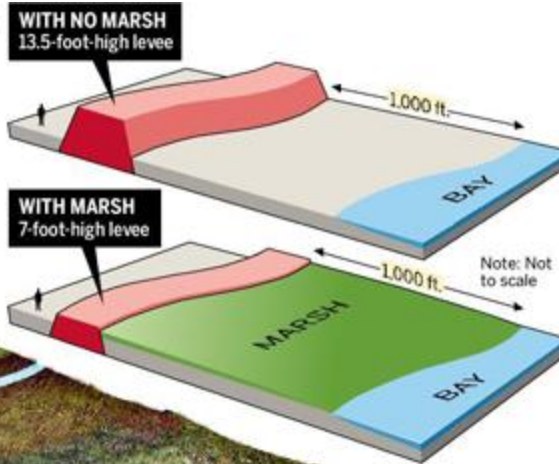
Horizontal Levee Concept



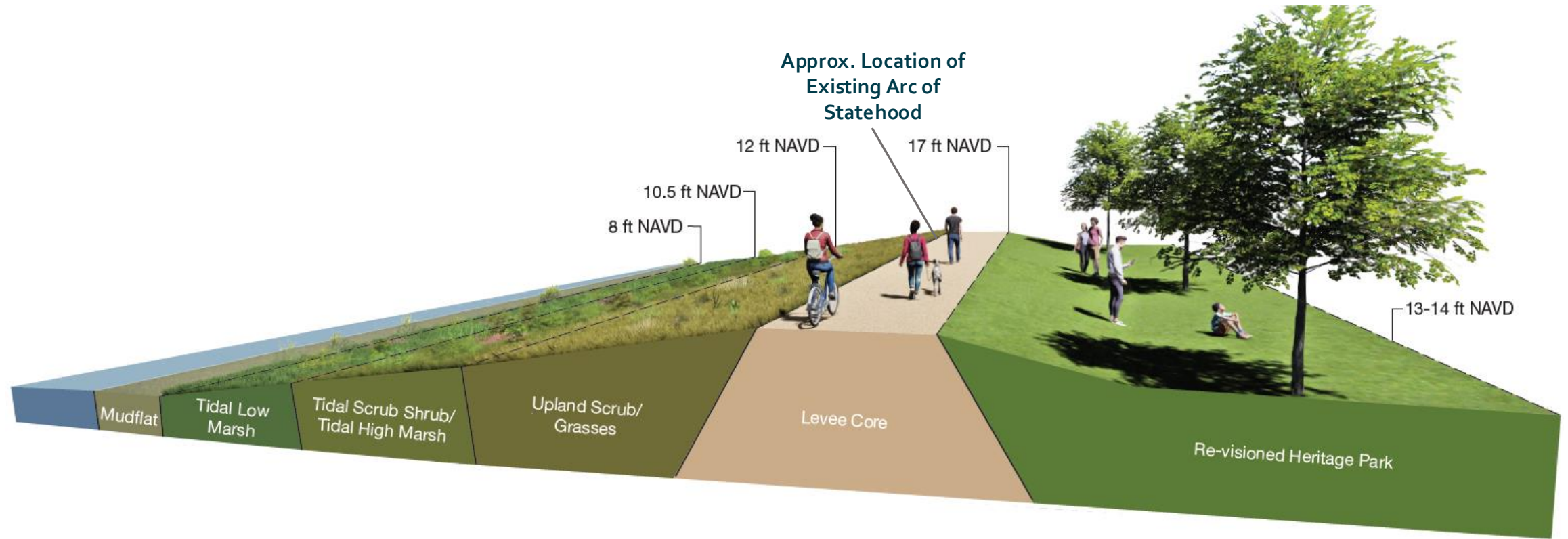
Levee Top Trail

Marshes as barriers

Tidal marshes can slow down storm surges, meaning levees fronted by marshes can be built half as tall, and at half the cost, as traditional levees made of earth and clay.

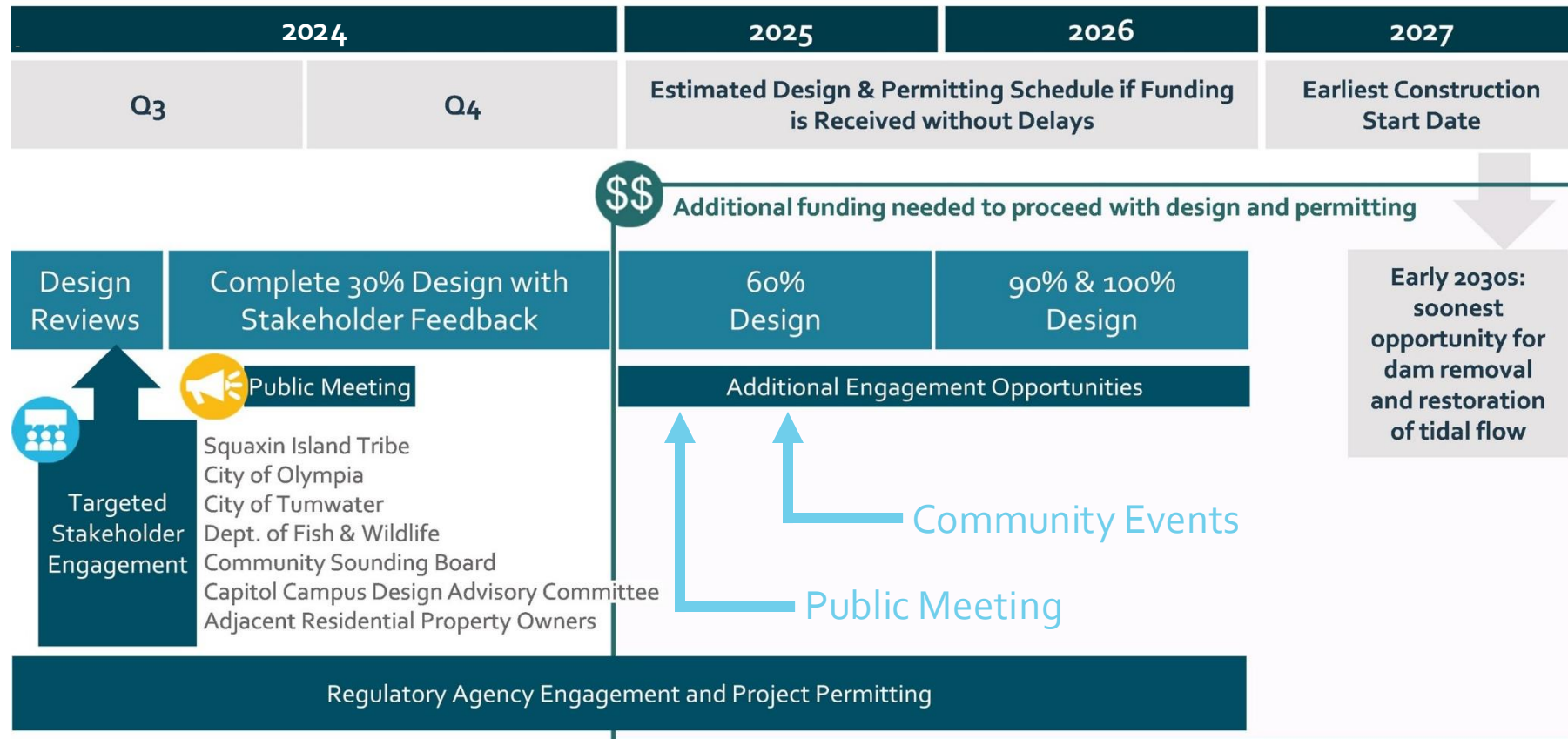


Horizontal Levee Concept at Heritage Park



Note: Not drawn to scale

Next Opportunities for Engagement (pending funding)



Join the Mailing List



Reach the Project Team

Email
info@DeschutesEstuaryProject.org

Questions??

Thank You AHSS!