Carkeek Park Pedestrian Bridge



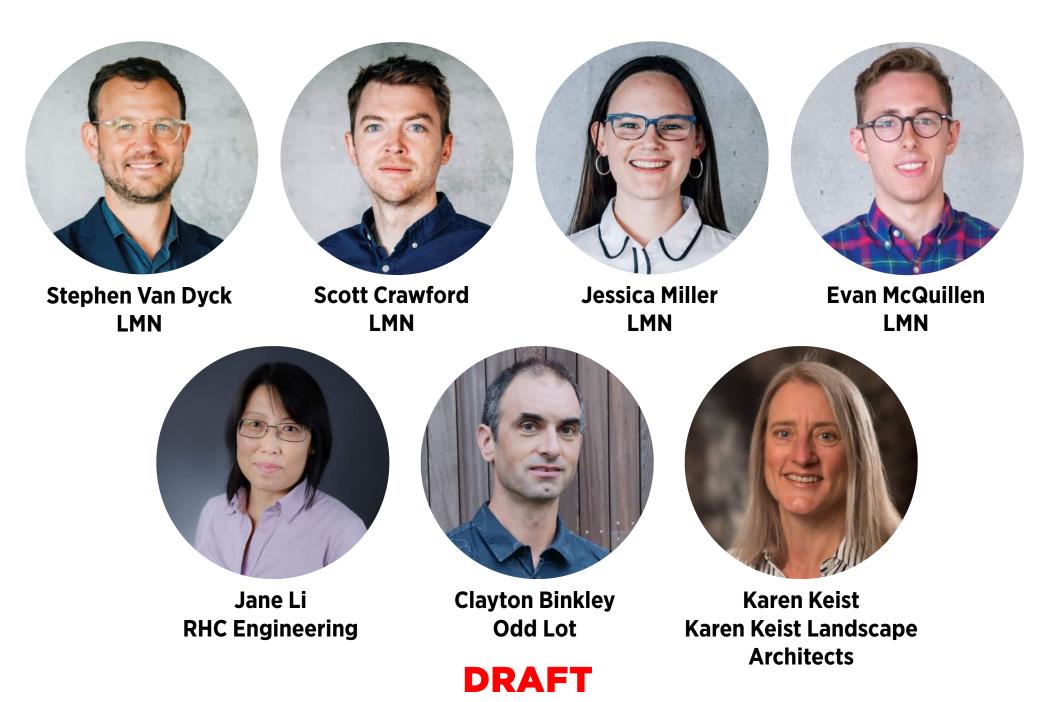


Carkeek Park Pedestrian Bridge: Presentation Outline

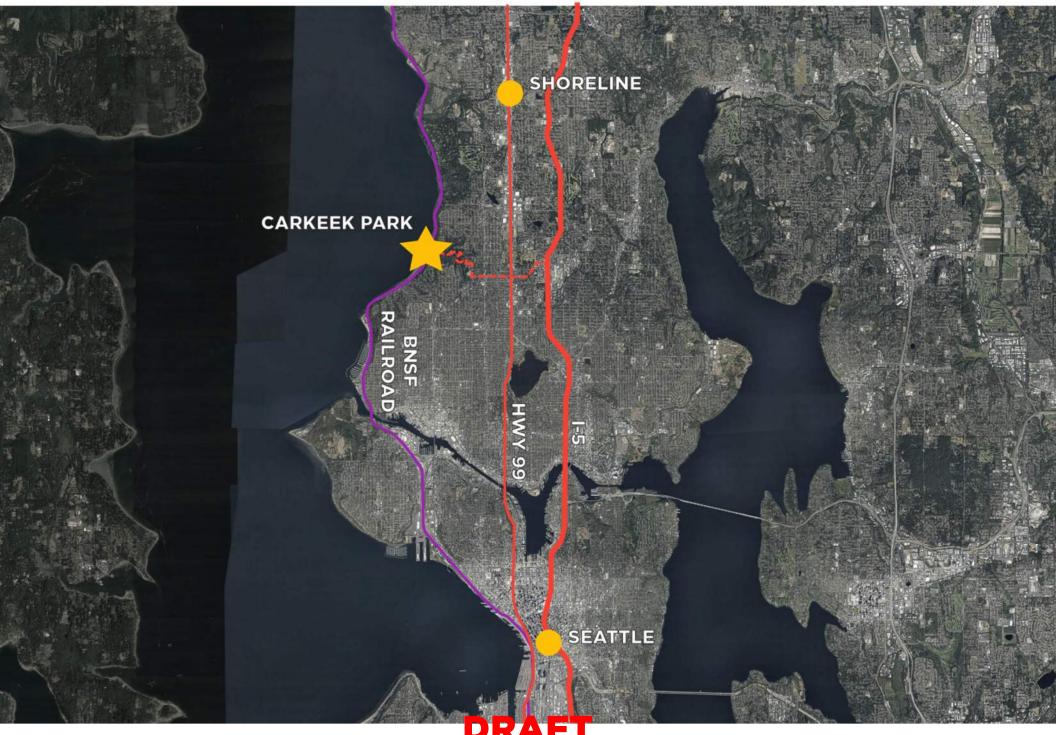
- Team
- 2020 Feasibility Study
- Schedule
- Community Engagement
- Tribal Engagement
- Site Analysis
- BNSF Requirements
- New Bridge Alignments
- Materials



Carkeek Park Pedestrian Bridge: Design Team



Carkeek Park Pedestrian Bridge: Project Context



Existing bridge assessment





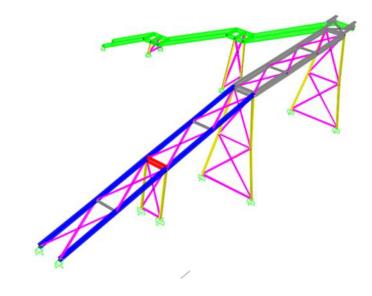
Existing bridge assessment



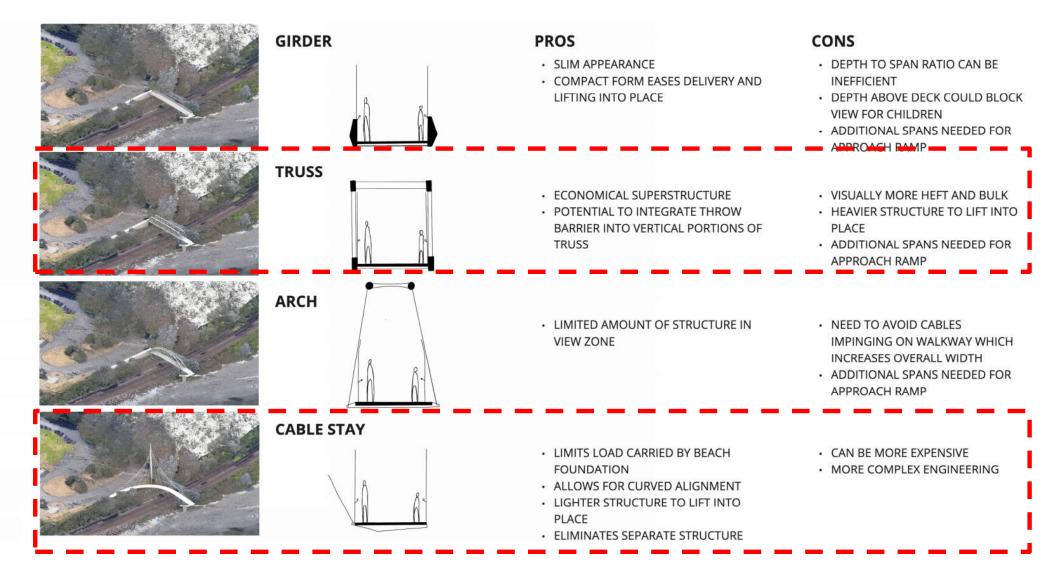


Bridge Modeling and Analysis



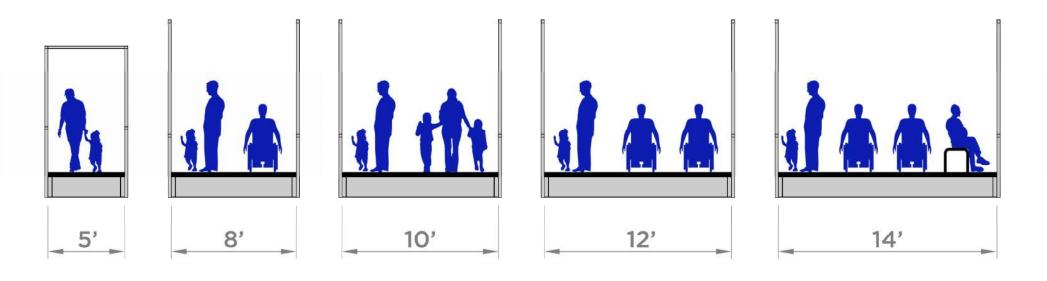


Span type analysis

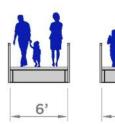




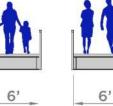
Walkway design







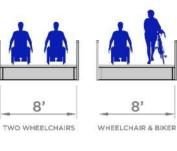
TWO WAY TRAFFIC

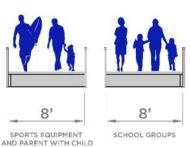


SCHOOL GROUPS

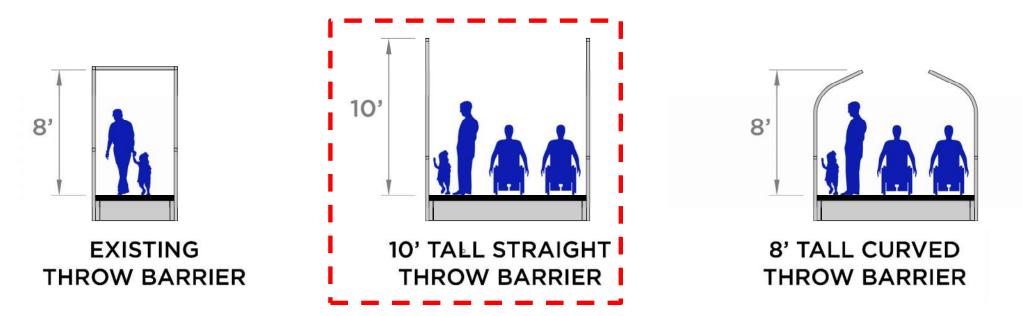
TWO WAY TRAFFIC WITH SPORTS EQUIPMENT

APPROACH RAMP





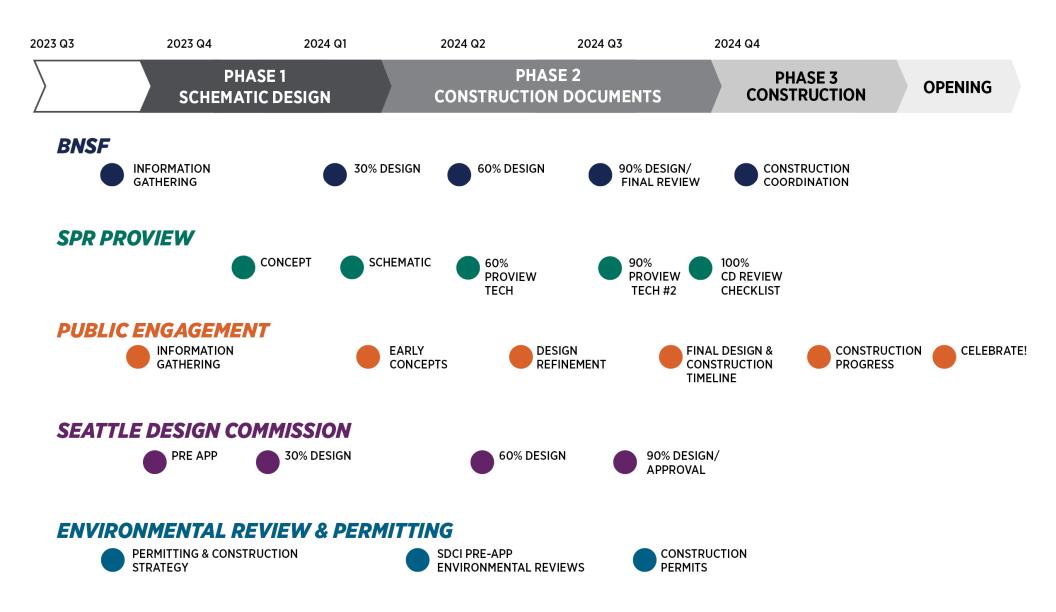








Carkeek Park Pedestrian Bridge: Schedule





Carkeek Park Pedestrian Boidgenity Engagement

Community-based reports, surveys, and events conducted by Hummingbird Community Cooperation





Karimah Edwards OWNER & PRINCIPAL



DeShaun (D.B) Bennett DELIVERY EXECUTIVE



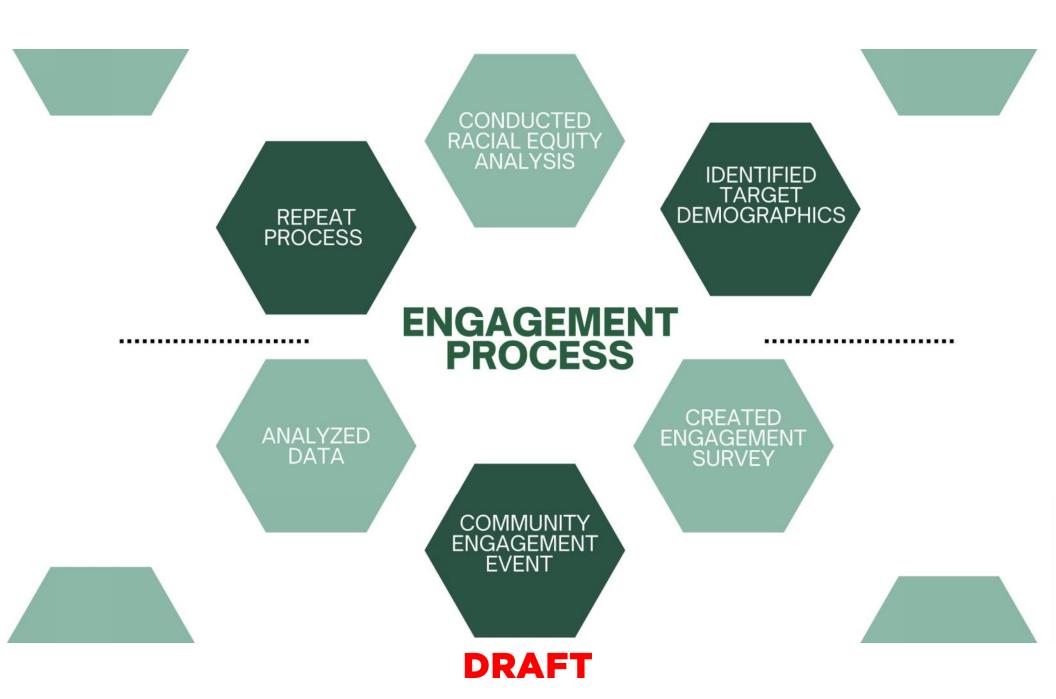
Liza Higbee-Robinson PROJECT MANAGER



Judah Cooper-Payne CREATIVE CONSULTANT

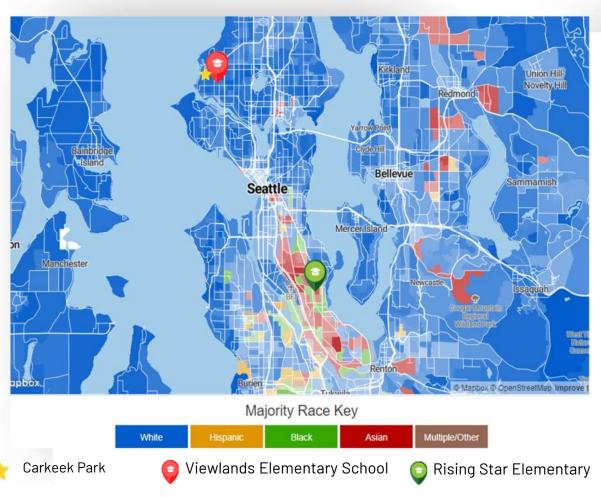


Carkeek Park Pedestrian Boidgetity Engagement



Identifying & Documenting Racial Inequities

DRAFT



Racial Disparity Comparison: Viewlands Elementary School near Carkeek Park vs. Rising Star Elementary Viewlands Elementary School

- 51% White
- 30% Low-Income
- 15.5% English Language Learners
- 12.4% Students w/ disability
 Rising Star Elementary
- 11.5% White
- 64.5% Low-Income
- 45.2% English Language Learners
- 19.4% Students w/ disability

Examining the Causes

How will we eliminate barriers to access?



Foster

Foster a more inclusive culture by acknowledging historic harm and a commitment to anti-racism and equitable practices



Center

Center BIPOC and historically minoritized communities



Provide

Provide culturally responsive communications to support transparency and engagement



Support

Support a shared understanding that this is a process and we are continuously learning and unlearning



 Acknowledge the history of Indigenous displacement within ancestral territories and of racial restrictions in Seattle and how both continue to impact who accesses places like Carkeek Park and the surrounding neighborhoods.

 Include diverse communities holistically and as part of a greater conversation on decolonization, community placemaking, and belonging.

What Matters Most?

- Capture how people want to feel and what they want to experience while using the pedestrian bridge.
- Incorporate Indigenous knowledge and culturally relevant design elements.

Clarifying the Purpose



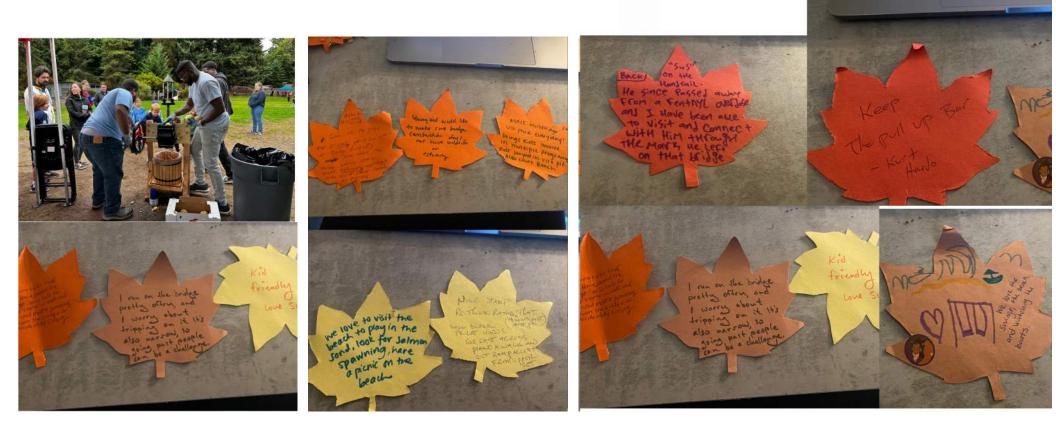
Considering Adverse Impacts

What are some unintended consequences of this process and project completion?

Tokenism is cultural reflection not done in a way that is meaningful. Representation sends a message about who belongs and must be done in a way that is inclusive and respectful. Construction can impact and disrupt park visitors, park programming and surrounding neighborhoods.



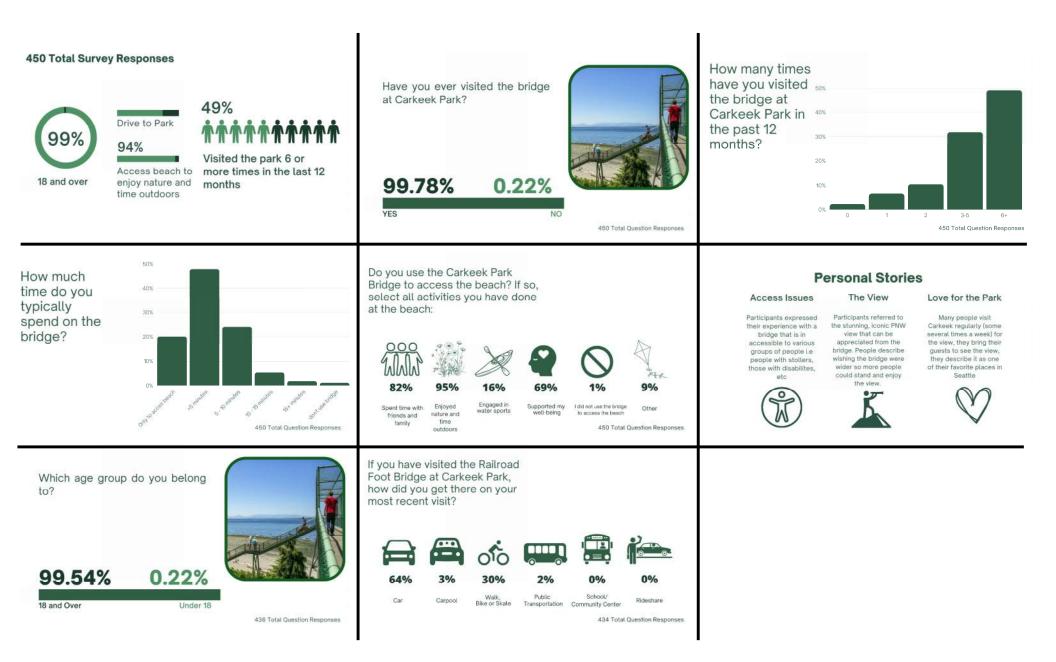
Carkeek Park Pedestrian Bridgedity Engagement



On-site community engagement event – September 23, 2023



Carkeek Park Pedestrian Bridgmity Engagement





Carkeek Park Pedestrian Bridge: Tribal Engagement (Headwater People)

Tribal outreach and research conducted by Headwater People



HEADWATER PEOPLE



Owen Oliver Headwater People



Carkeek Park Pedestrian Bridge: Tribal Engagement (Headwater People)

- Understanding of place that informs engagement and stories.
- k^waatəb has been translated as
 - "Dropped Down"
 - "Leave it alone"
 - "Where People are Sent"
- Own hypothesis and conversation with Puyallup elders lets us know that k^waatəb could reference the place where people are sent to gather freshwater and to leave (Piper's Creek) alone to insure freshwater.
- Reaffirms that k^waatəb is not a grave or forbidden place.









Understanding freshwater basket creating and designing.

How could the Carkeek Bridge bring Salish basket science forward that are centered on the direct stories of the land?

Hearing from Indigenous community members that big visual change is what they want to see.



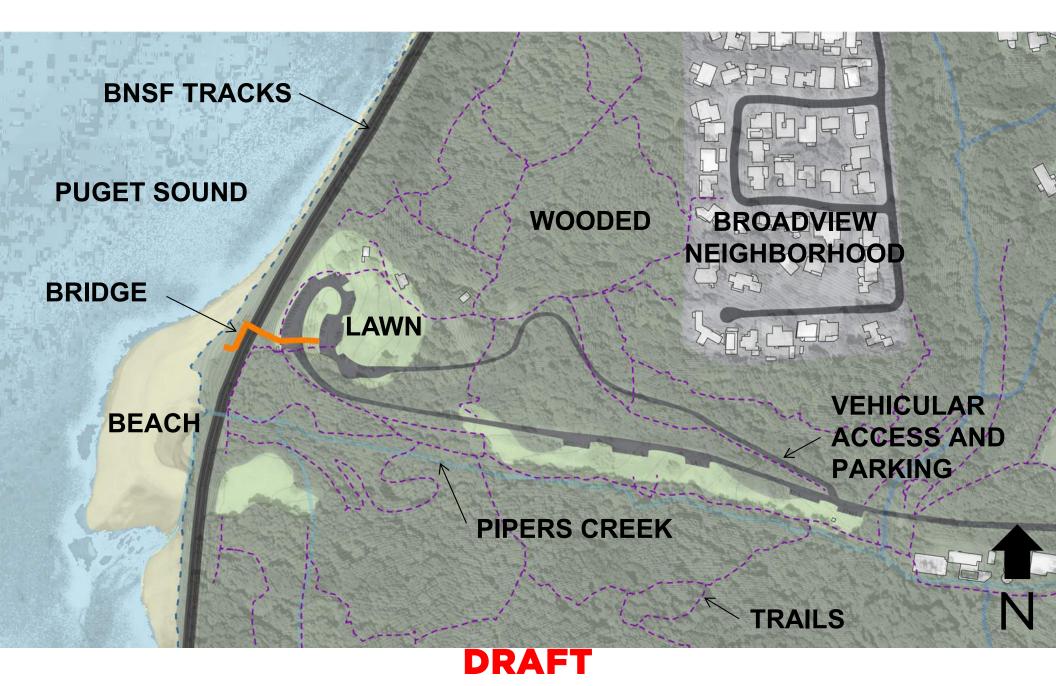
Carkeek Park Pedestrian Bridge: Tribal Engagement (Headwater People)

- Story of clean water.
 - Carkeek Bridge provides a transition point.
 - x^wəlč (saltwater in Lushootseed. Onomatopoeia for the lapping waves along the beach)
 - Continuing to connect with Suquamish Tribe who rear the salmon at Piper's Creek Hatchery

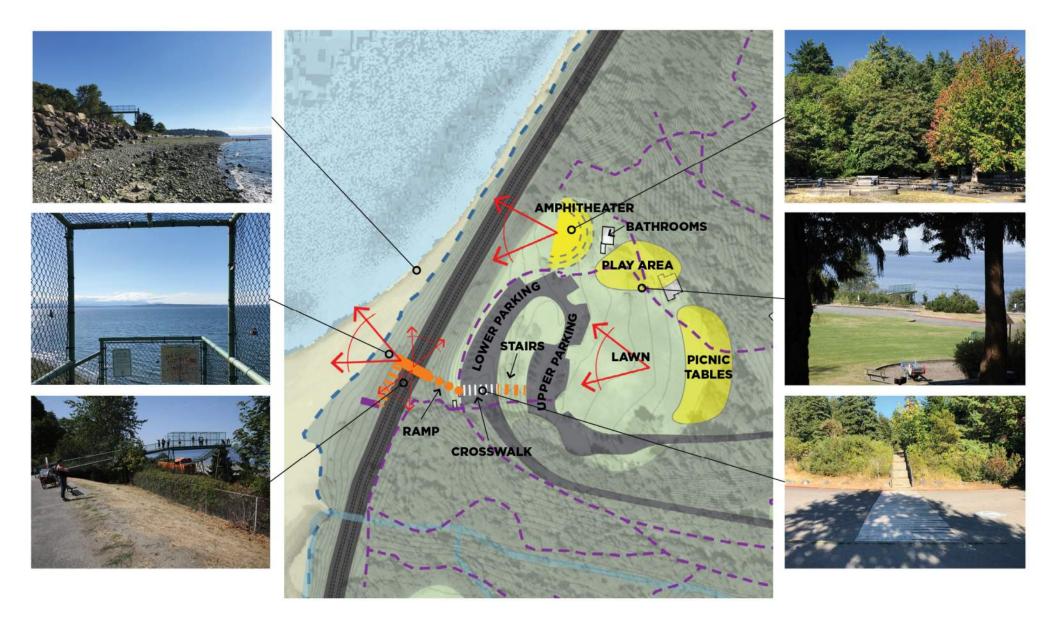




Park & Neighborhood

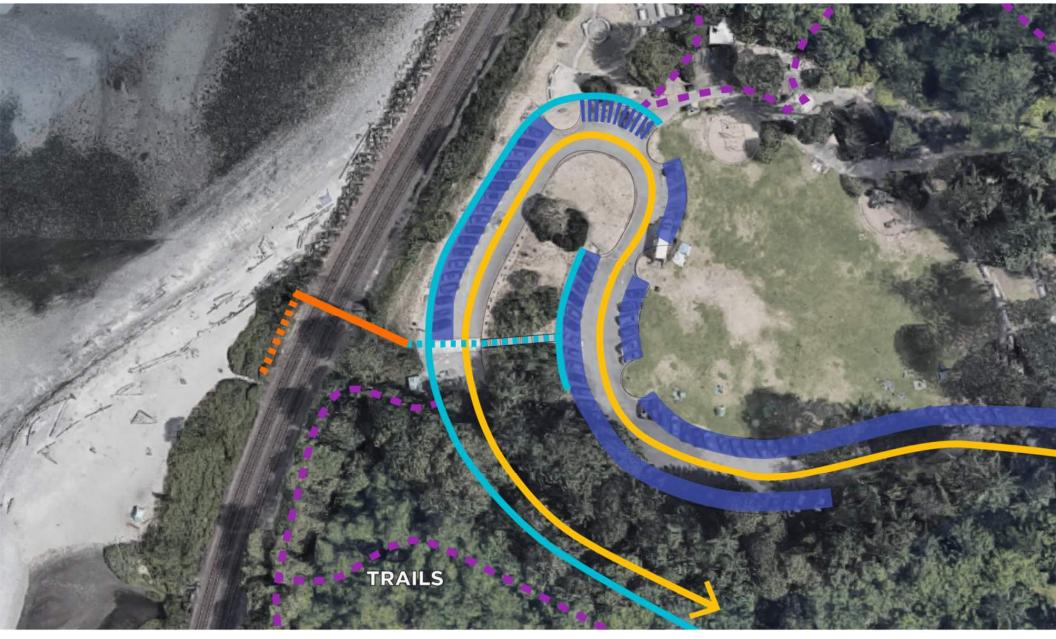


Park Features





Site Circulation



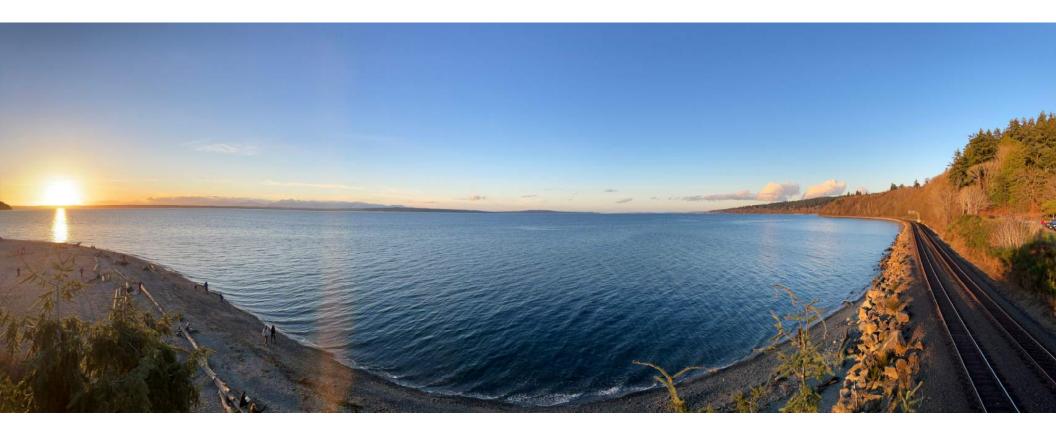
CAR PARKING DISABLED SIDEWALK EXISTING TRAFFIC PARKING DRAFT BRIDGE









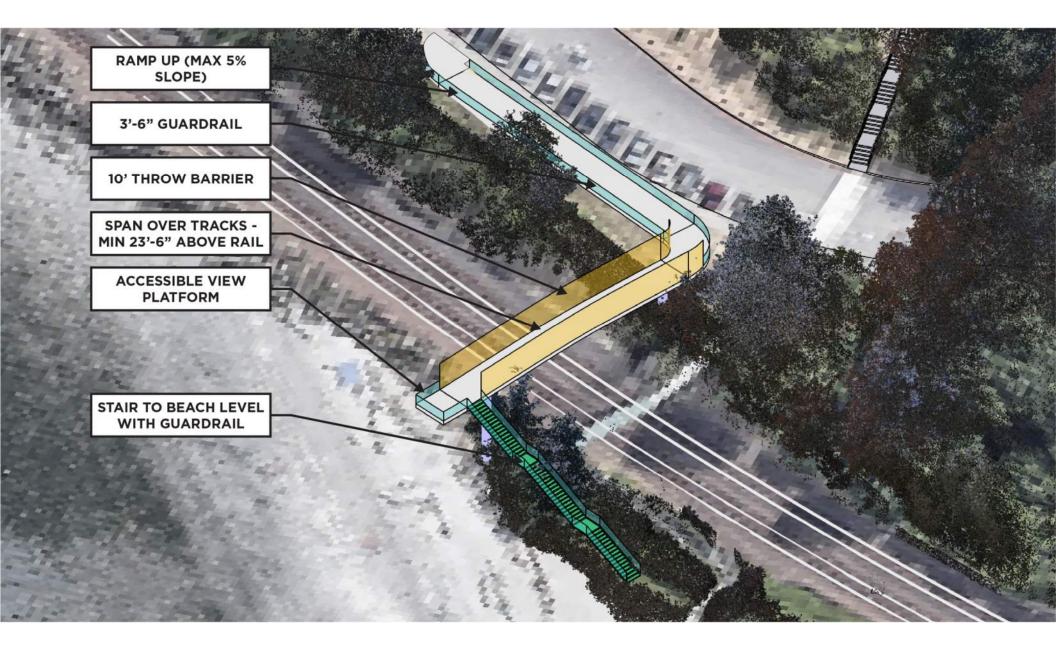








Typical Bridge Features



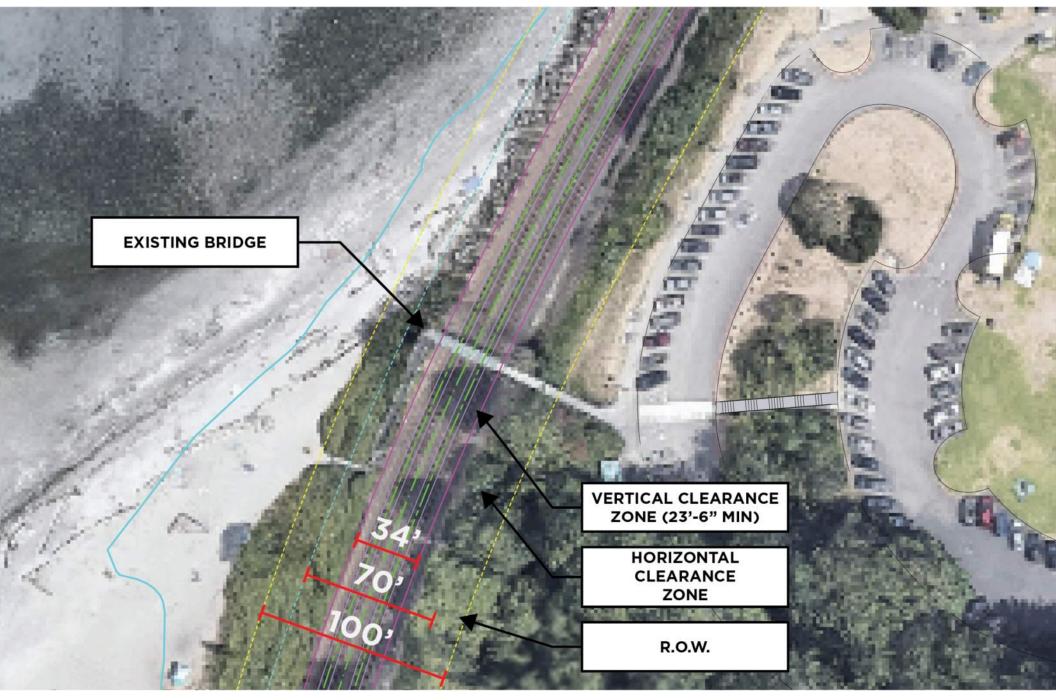


Accessibility Concept



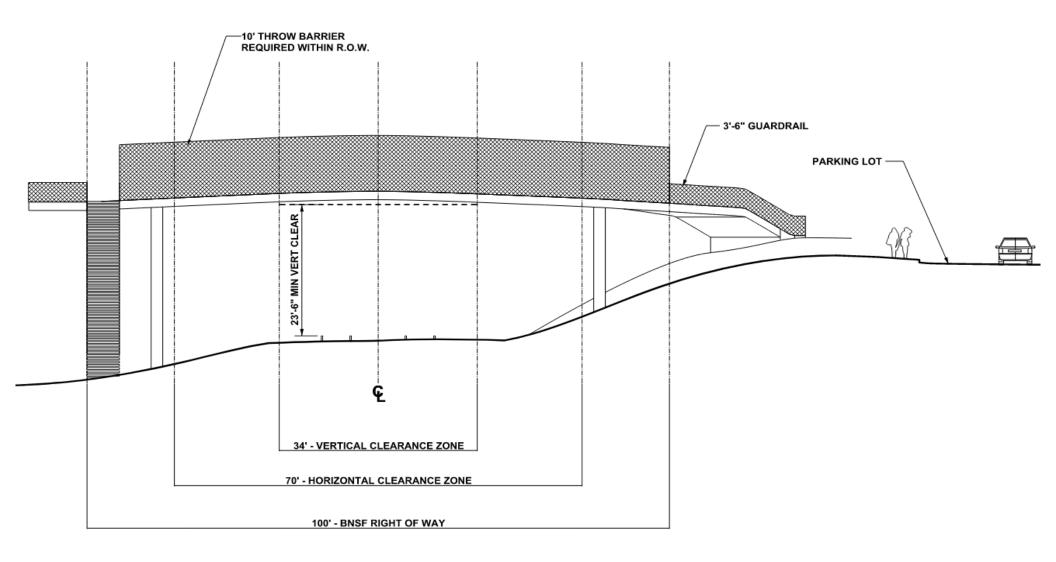


Carkeek Park Pedestrian Bridge: BNSF Requirements



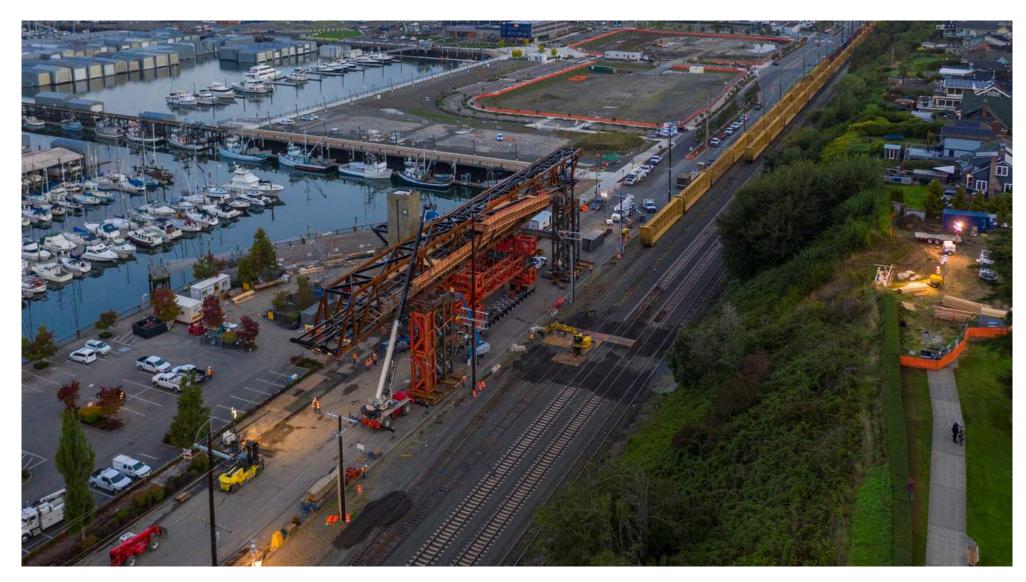


Carkeek Park Pedestrian Bridge: BNSF Requirements





Carkeek Park Pedestrian Bridge: BNSF Requirements



Prioritize prefabrication to minimize need for track closures



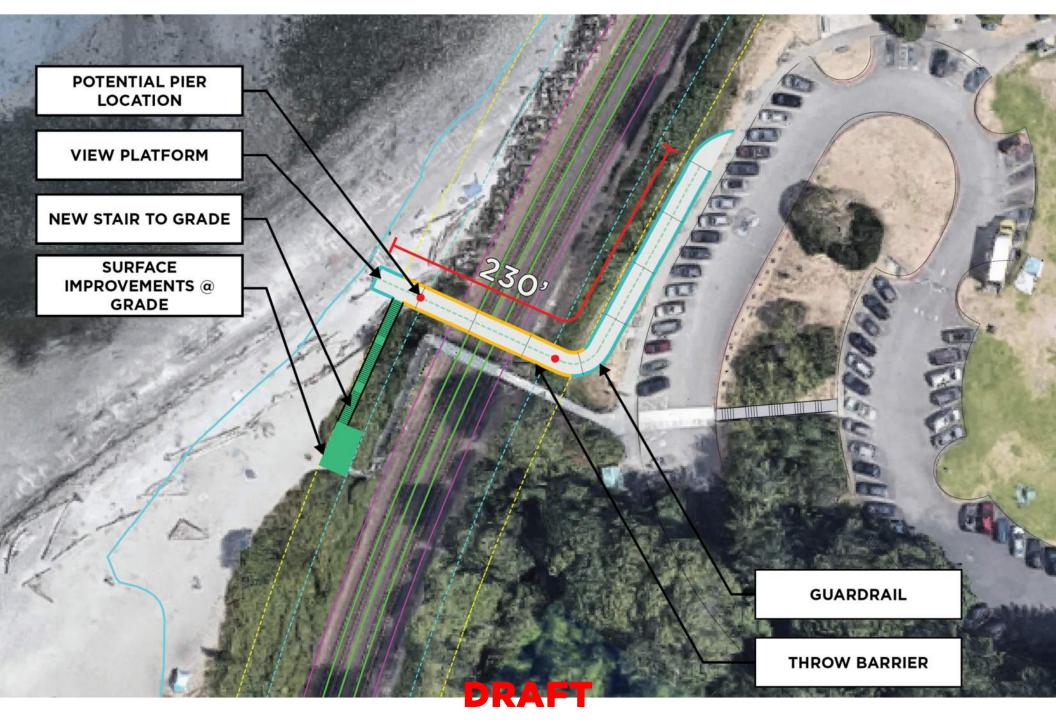
PROJECT VISION

Design a bridge that:

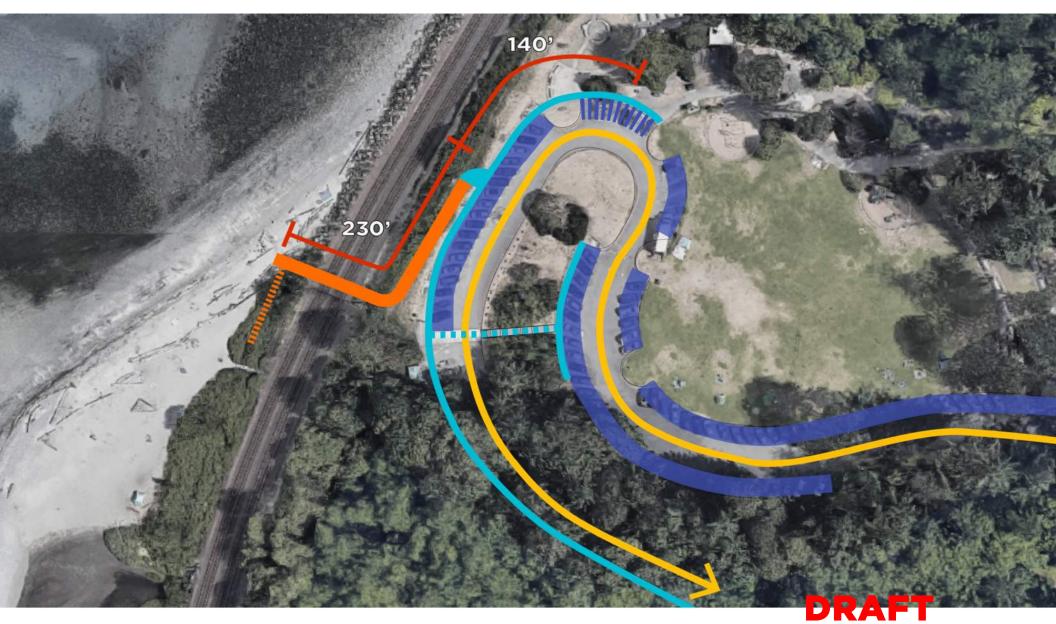
- Fits the natural character of Carkeek Park
- Enhances safety and access
- Connects to current and future park infrastructure

Carkeek Park Pedestrian Bridge: New Bridge Alignments

Scheme 1 – Lower Lot



Scheme 1 – Lower Lot



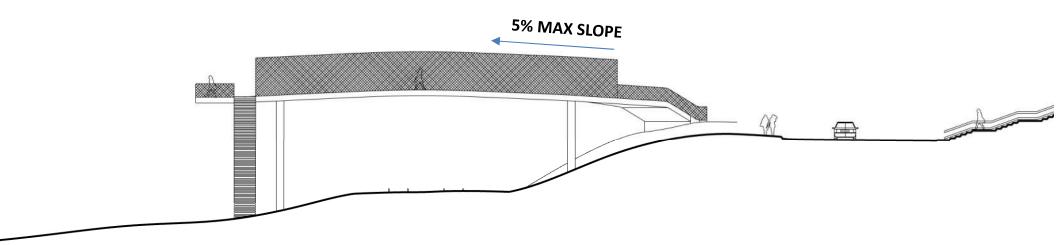


PARKING

DISABLED PARKING

SIDEWALK

NEW BRIDGE







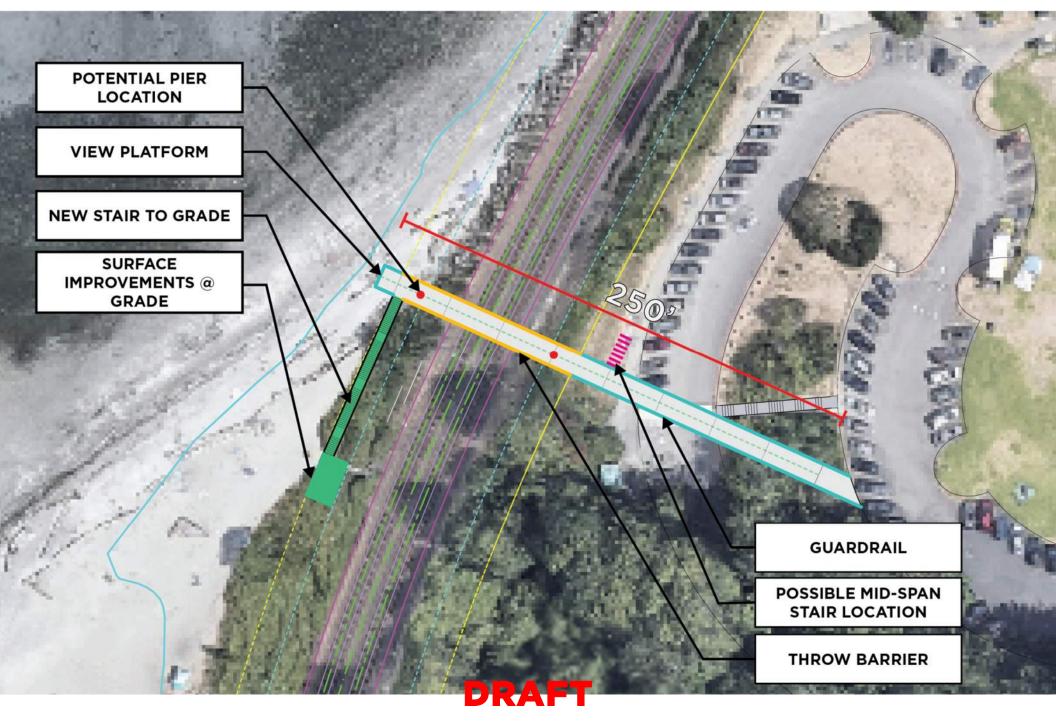




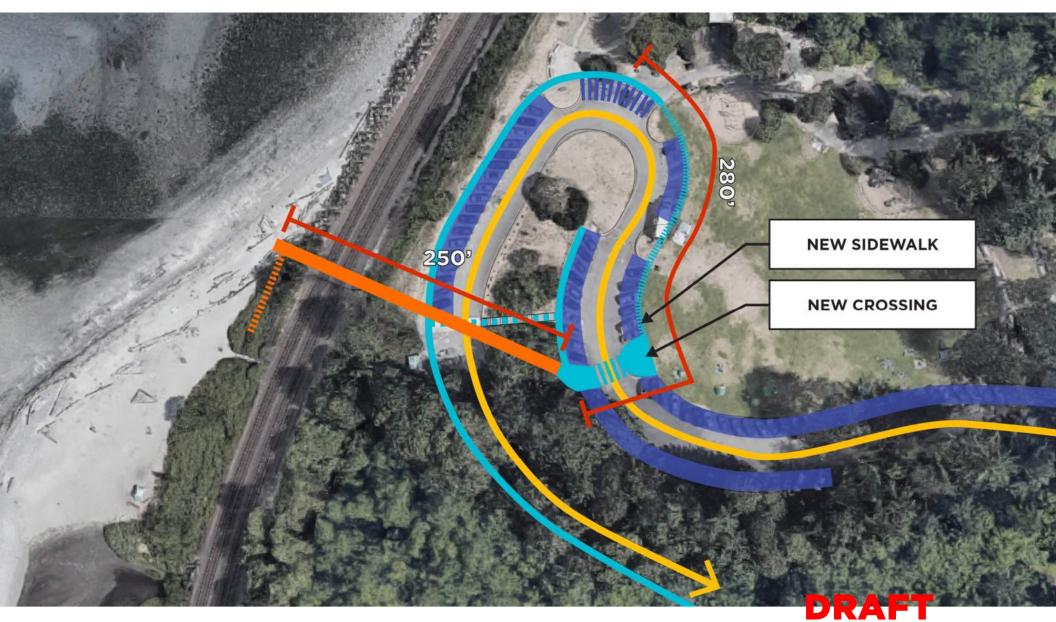








Scheme 2 – Straight Shot

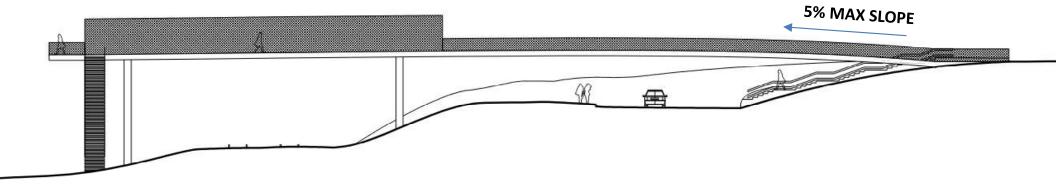




PARKING

DISABLED PARKING SIDEWALK

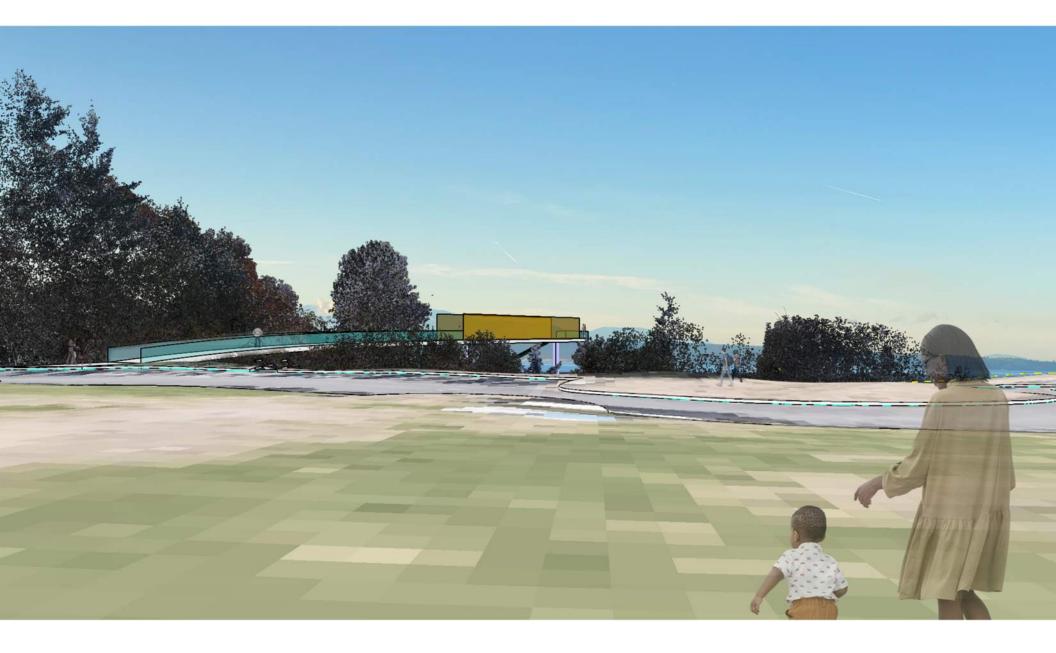
NEW BRIDGE







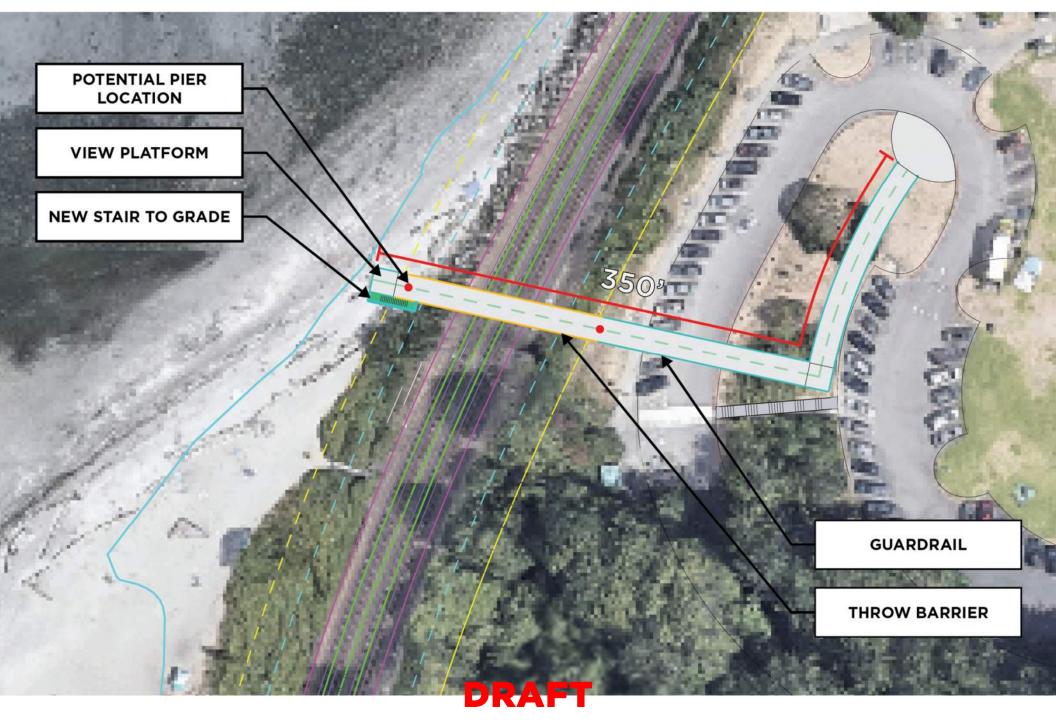




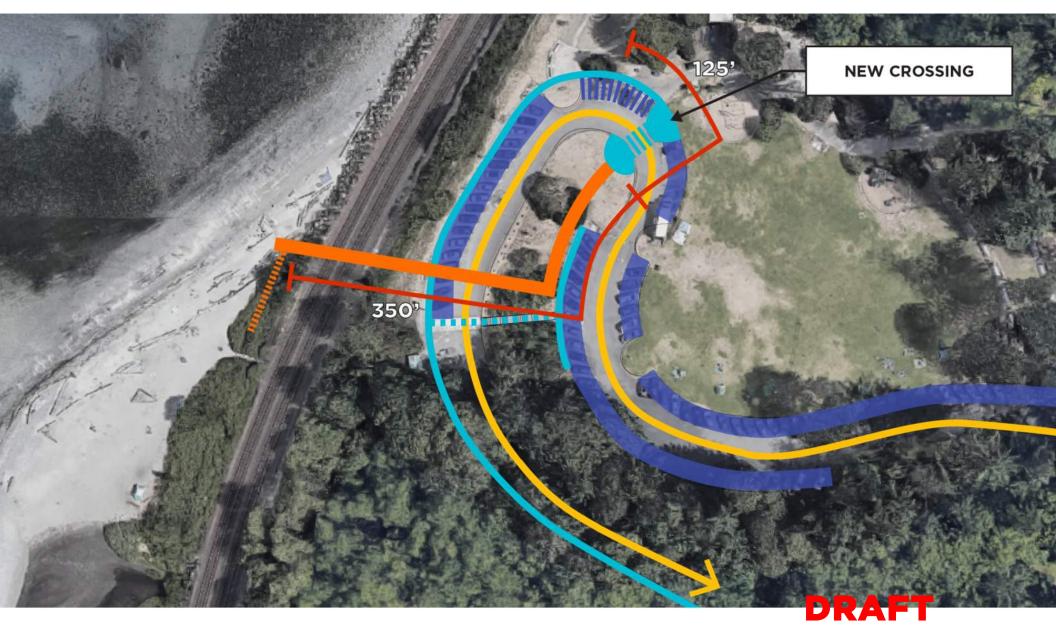








Scheme 3 – Upper Lot

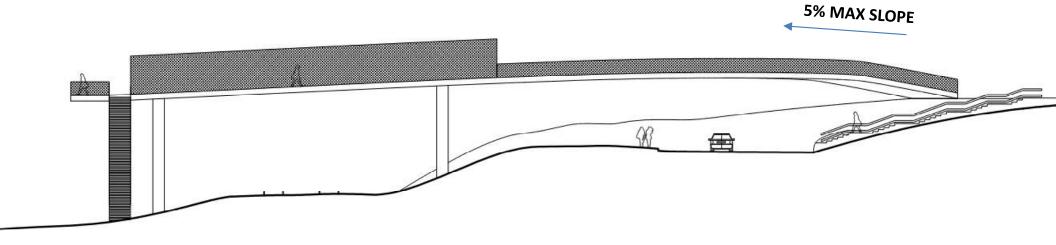




PARKING

DISABLED PARKING SIDEWALK

NEW BRIDGE













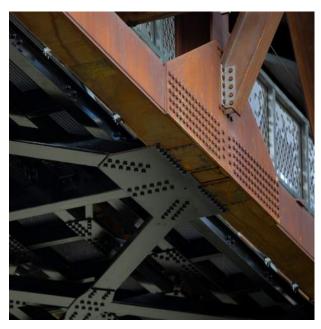




Carkeek Park Pedestrian Bridge: Materials



Embodied Carbon



Maintenance



Salmon Safe



Deck Weight



