Mukilteo Multimodal Project: Building a modern ferry terminal

Presentation to Puget Sound Regional Council

Charlie Torres, Project Manager
February 2019
Building a modern ferry terminal:

- Mukilteo/Clinton route
- Costs and funding
- Project need
- Understanding place
- Partnership
- Partners
- Design
- Timeline
- Foundation
The Mukilteo/Clinton route

The state’s busiest route for people who drive onto the ferry.

• carries **2.3** million vehicles per year
• and **4.2** million riders per year
Cost and funding

Funding overview

- $167 million budget:
  - $72.2 million in federal funds
  - $94.8 million in state funds
Project need

Aerial photo from 2014

- Aged Dock
- Poor Transit Connections
- ADA and Pedestrian/Car Conflicts
- Congestion
- Does Not Meet Current Seismic Standards
- Passengers Must Load on Car Deck
- No Separation of Terminal From Public Areas
- Poor Transit Connections (2,000 ft. from terminal)
Building a modern ferry terminal: understanding place
Building a modern ferry terminal: understanding place
Building a modern ferry terminal: understanding place
Building a modern ferry terminal: understanding place
Partnership: land ownership
Building a modern ferry terminal: tribal partners

Forged a relationship and partnership with our tribal communities:

- Tulalip Tribes
- Swinomish Tribe
- Suquamish Tribe
- Stillaguamish Tribe
- Snoqualmie Tribe
- Sauk-Suiattle Indian Tribe
- Samish Indian Tribe
Building a modern ferry terminal: more partners

- FTA
- WSDOT
- State Historic Preservation Officer
- Advisory Council on Historic Preservation
- United States Army Corps of Engineers
- City of Mukilteo
- City of Everett
- Port of Everett
- Sound Transit
- Community Transit
Design inspiration: a Longhouse
Design inspiration: a Longhouse
Design: cultural elements
Design: cultural elements
Design: cultural elements
Design: cultural elements

šišəlč

SHEE-shults
Lushootseed Name

Achillea millefolium
Scientific Name

Yarrow
Common Name

Cultural use
The flowers and leaves were used in baths for body aches and rheumatic limbs. Such aromatic baths were also used to treat sick infants. A distillation of the roots can be used to soothe sore eyes.
Design: light on the Earth
Design: managing stormwater

- Pervious concrete
- Engineered wetlands – rain gardens
- Capture and reuse stormwater runoff from buildings
Design: planning for a rising sea level

Existing storm conditions
Timeline

Construction timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>Jul 2015 – Feb 2016 Remove fuel facility pier &amp; dredge navigation channel</td>
</tr>
<tr>
<td>2016</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>Sep 2017 – Sep 2018 Construct trestle</td>
</tr>
<tr>
<td></td>
<td>Jan 2018 – Oct 2018 Install stormwater utility line</td>
</tr>
<tr>
<td></td>
<td>Early 2019 – 2020 Construct terminal</td>
</tr>
<tr>
<td></td>
<td>Terminal opens 2020</td>
</tr>
<tr>
<td>2020</td>
<td>Late 2020 Remove existing terminal</td>
</tr>
</tbody>
</table>

The foundation
A site that once held ten fuel storage tanks ...
... transformed into a modern multimodal ferry terminal
Questions?