

SR 520 Bridge Replacement and HOV Program SR 520 Seattle Community Design Process Update

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Seattle City Council
Seattle City Hall
November 26, 2012
10:30 a.m. – 12 p.m.

Presentation overview

- Construction progress
- Seattle Community Design Process public comment period
- Next steps



SEATTLE COMMUNITY DESIGN
PROCESS FINAL REPORT
DRAFT 09.14.12
for public comment

520 Washington State Department of Transportation

The complex block features a green background. At the top, there are three small, square landscape design illustrations showing different park or public space concepts. Below these illustrations, the text "SEATTLE COMMUNITY DESIGN PROCESS FINAL REPORT" is written in white, followed by "DRAFT 09.14.12" in red and "for public comment" in white. At the bottom left, there is a logo for "520" and the "Washington State Department of Transportation" logo.

Construction progress



A new bus shelter for transit users at the Evergreen Point Road freeway stop.



Making progress on cycle 2 pontoons in Aberdeen.



A pontoon on its way to Lake Washington.



View of construction barges on the north side of SR 520, near Madison Park.

Transportation Infrastructure Finance and Innovation Act (TIFIA) loan approved

- Next funded construction phase – North half of West Approach Bridge (WABN)
- **Early 2013:**
 - WSDOT will return to Council with more information
 - Project public open house



View of the existing west approach bridge, looking southwest towards Madison Park.

FEIS: Council comments incorporated

- ✓ Designed the corridor to accommodate no more than six-lanes
- ✓ Reduced width of Portage Bay Bridge
- ✓ Located urban interchange at Montlake
- ✓ Expanded the lid at Montlake
- ✓ Provided dedicated transit/HOV lane on Montlake Boulevard
- ✓ Eliminated Arboretum ramps
- ✓ Lowered height of the floating bridge
- ✓ Began planning for the implementation of Arboretum traffic management and calming
- ✓ Ensured the new bridge is designed to accommodate future light rail
- ✓ Provided funds for Montlake Triangle Project
- ✓ Set triggers based for determining necessity of Second Montlake Bridge

Excerpt from June 2011 presentation to Seattle City Council SR 520 Special Committee

2011 City Seattle/WSDOT Memorandum of Understanding commitment

- *“Coordinate with City neighborhoods, Metro, ST, the UW, the Seattle Bicycle Advisory Board, the Seattle Pedestrian Advisory Board, and the Seattle Design Commission in the Seattle Community Design process led by the State for the community amenity and lid design features within the Project limits.”
(Section 2.3.5)*



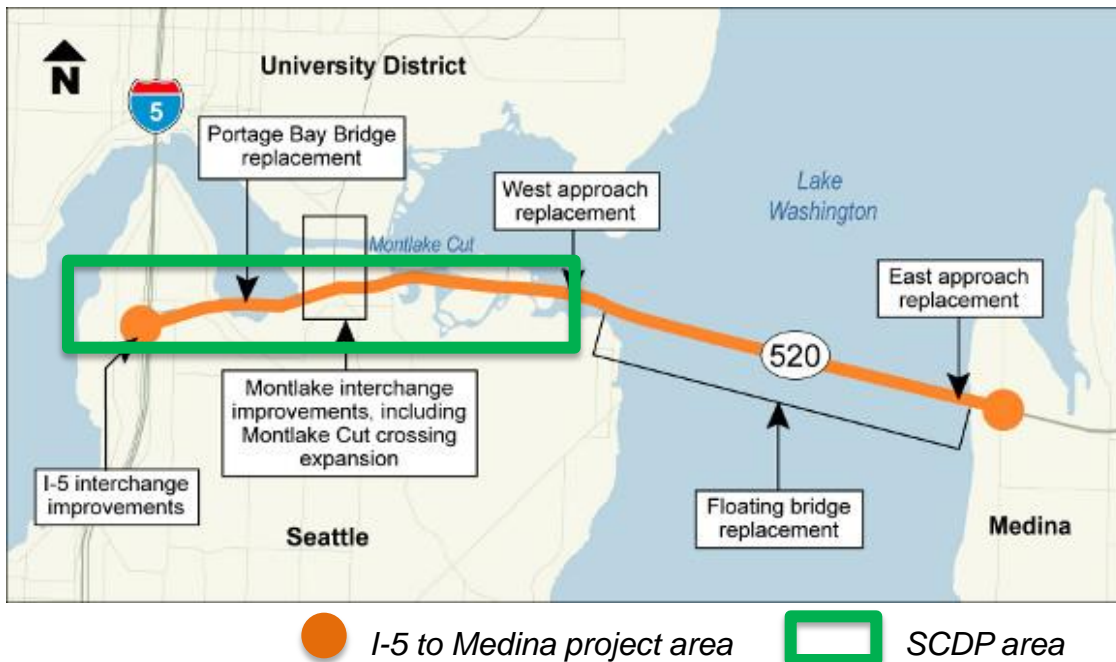
City of Seattle



**Washington State
Department of Transportation**

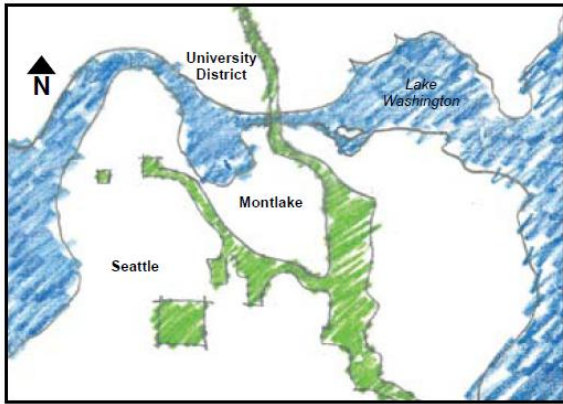
Seattle Community Design Process

- Builds on previous project commitments identified in FHWA Record of Decision
- Refined the project vision and clarified design preferences in the Seattle area

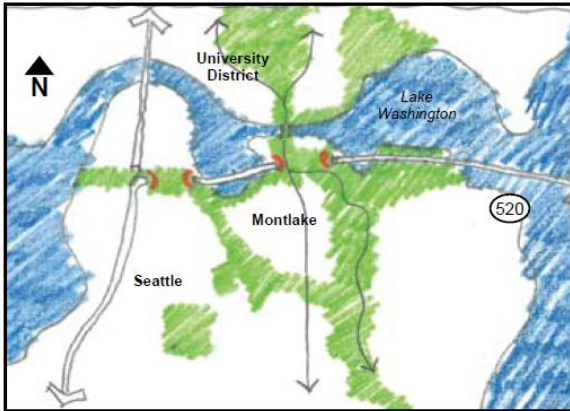


A family learns about urban design features with SR 520 staff.

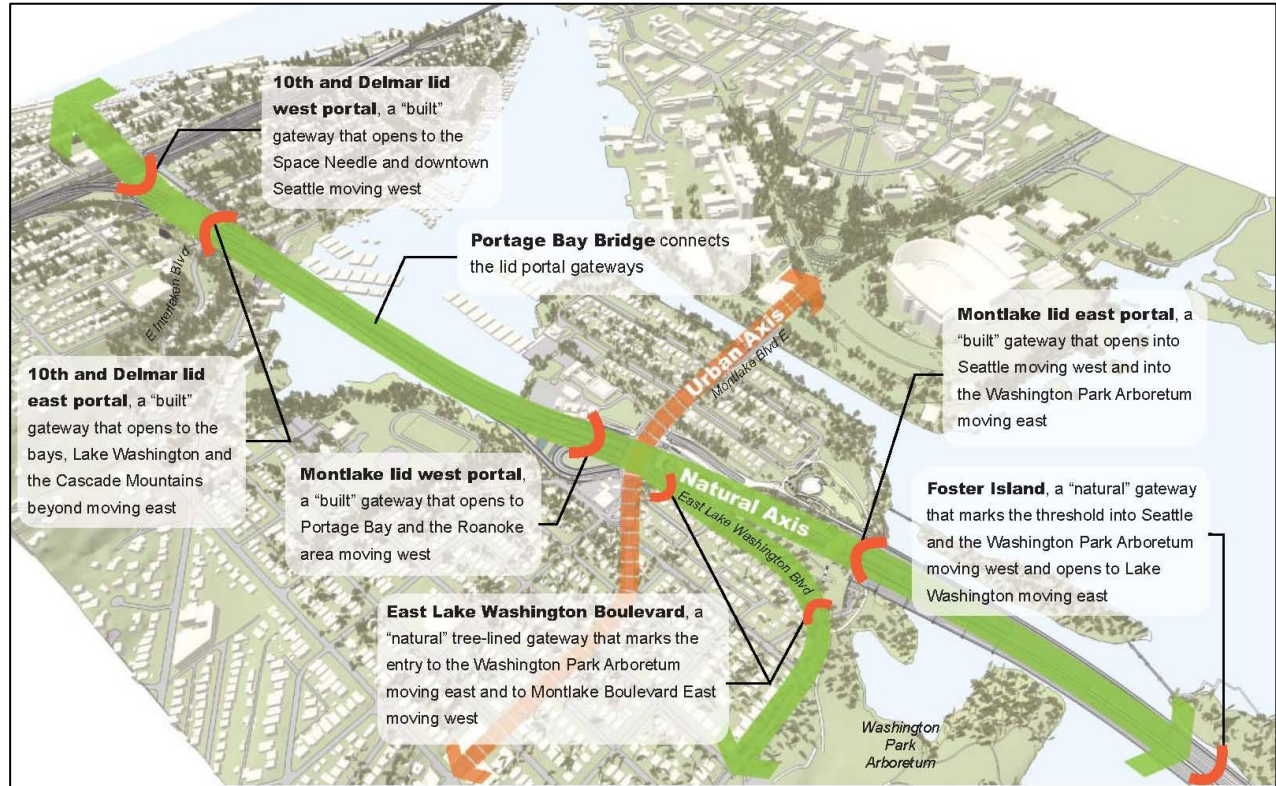
A refined vision for the corridor: Nature meets City



A conceptual diagram of Seattle's 100-year vision as articulated in 1909, based on the Olmsted plan.



A conceptual diagram of how SR 520 could build upon the 1909 vision to connect green spaces, waterways, and gateways in and out of Seattle.



Draft Seattle Community Design Process Report

- WSDOT hosted a three week public comment period from Sept. 14, 2012 to Oct 5, 2012
- Requested feedback on design preferences for the SR 520 corridor in Seattle by geographic area
- A total of **1,607** responses were received, including:
 - Online surveys: 947
 - Emails: 617
 - Letters from organizations: 26
 - Seattle City Council meeting verbal comments: 15
 - Mail: 2



Cover of the Sept. 2012 draft SCDP design report.

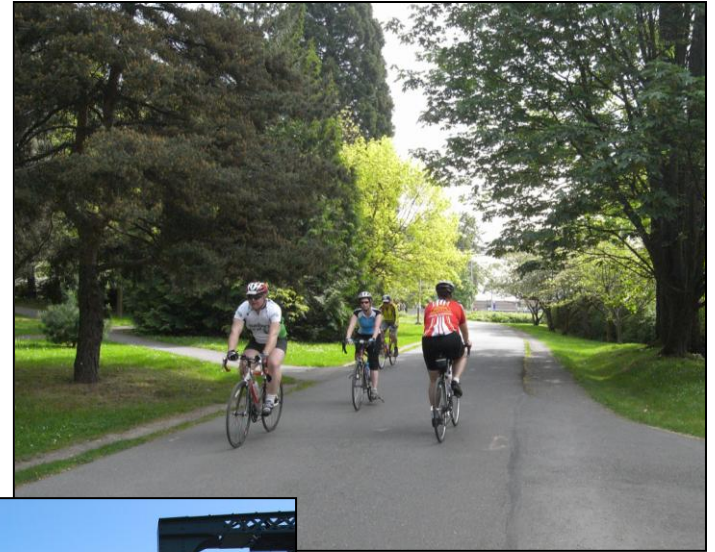
Who we heard from: Organized groups

WSDOT received letters from the following groups:

- Cascade Bicycle Club
- Capitol Hill Community Council
- Seattle Neighborhood Greenways including:
 - Central Seattle Greenways
 - Eastlake Greenways
 - Madison Park Greenways
 - Montlake Greenways
 - University Greenways
 - Seattle Bike Blog
- Coalition for a Sustainable 520
- Feet First
- Laurelhurst Community Club
- Madison Park Community Council
- Montlake Community Center Advisory Council
- Montlake Small Business Owners
- Montlake Community Club
- North Capitol Hill Neighborhood Association
- Portage Bay/Roanoke Park Community Council
- Puget Sound Energy
- Queen City Yacht Club
- Ravenna Bryant Community Association
- Seattle Bicycle Advisory Board
- Seattle City Council
- Seattle Design Commission
- Seattle Pedestrian Advisory Board
- Seattle Yacht Club
- Sustainable Capitol Hill

What we heard: Bicycle and pedestrian connections

- ✓ Enhance mobility and multimodal connectivity from SR 520 to the existing and planned City of Seattle network
- ✓ Implement separated bicycle and pedestrian paths where possible
- ✓ Create safe, direct, continuous and convenient access with clear wayfinding

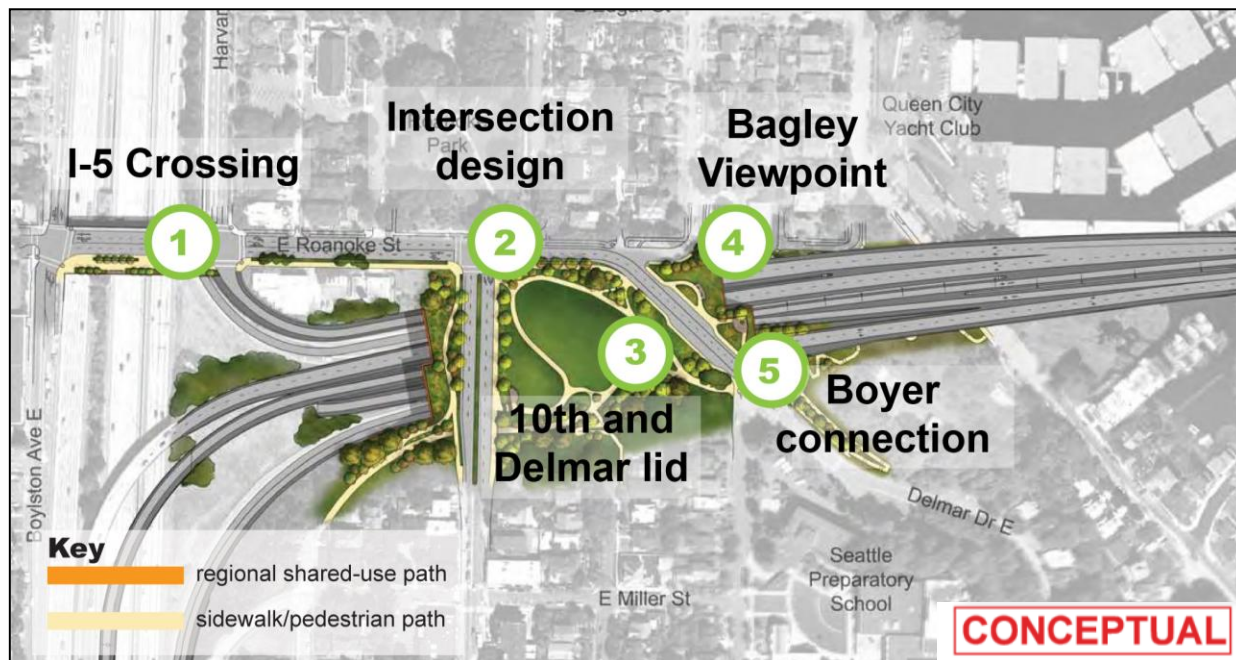


What we heard: Roanoke area

- ✓ 30-foot wide landscaped bicycle and pedestrian path over I-5
- ✓ Improved T-intersection design at 10th Ave and Delmar Dr
- ✓ 10th and Delmar lid configuration
 - Expand Bagley viewpoint and providing on-street parking
- ✓ Pedestrian connection from Delmar Dr to Boyer Ave

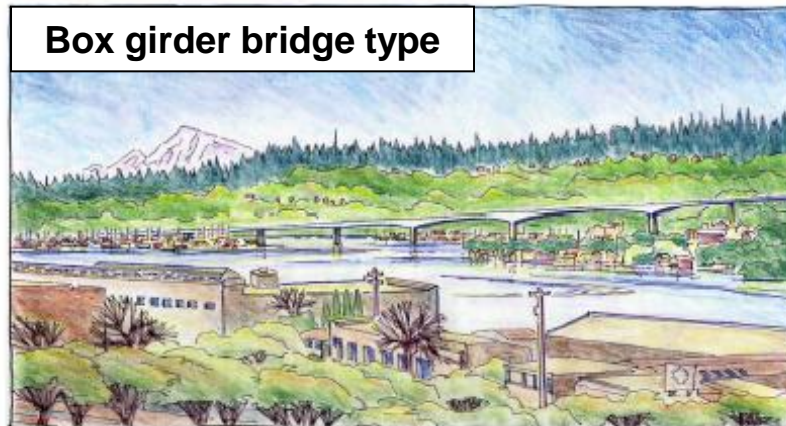
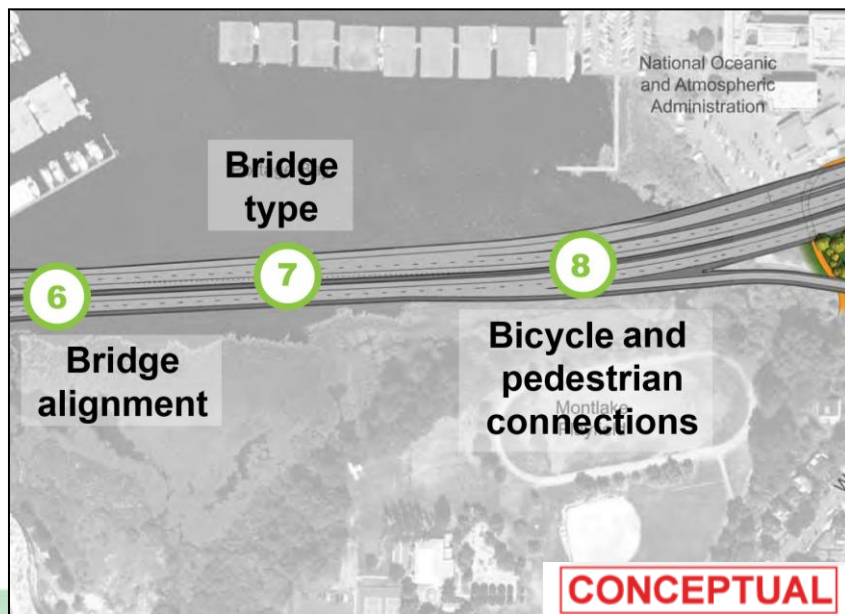
LEGEND:

- ✓ Majority of comments supported
- Received mixed feedback

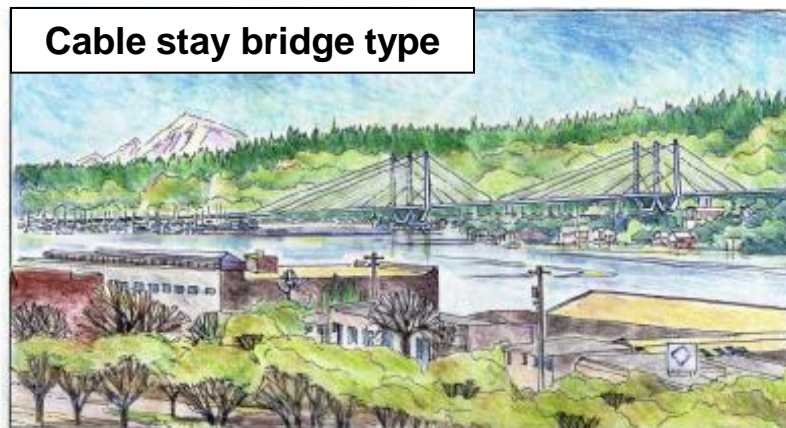


What we heard: Portage Bay Bridge area

- ✓ Shift the bridge alignment north on the west end of the bridge
- ✓ Add a regional bicycle and pedestrian path along the south side
- ✓ Proceed with technical analysis and refinement of both bridge types
 - Mixed consensus on preferred bridge type



An artist's conceptual sketch of a box girder bridge type for the new Portage Bay Bridge.



An artist's conceptual sketch of a cable stay bridge type for the new Portage Bay Bridge.

What we heard: Montlake area



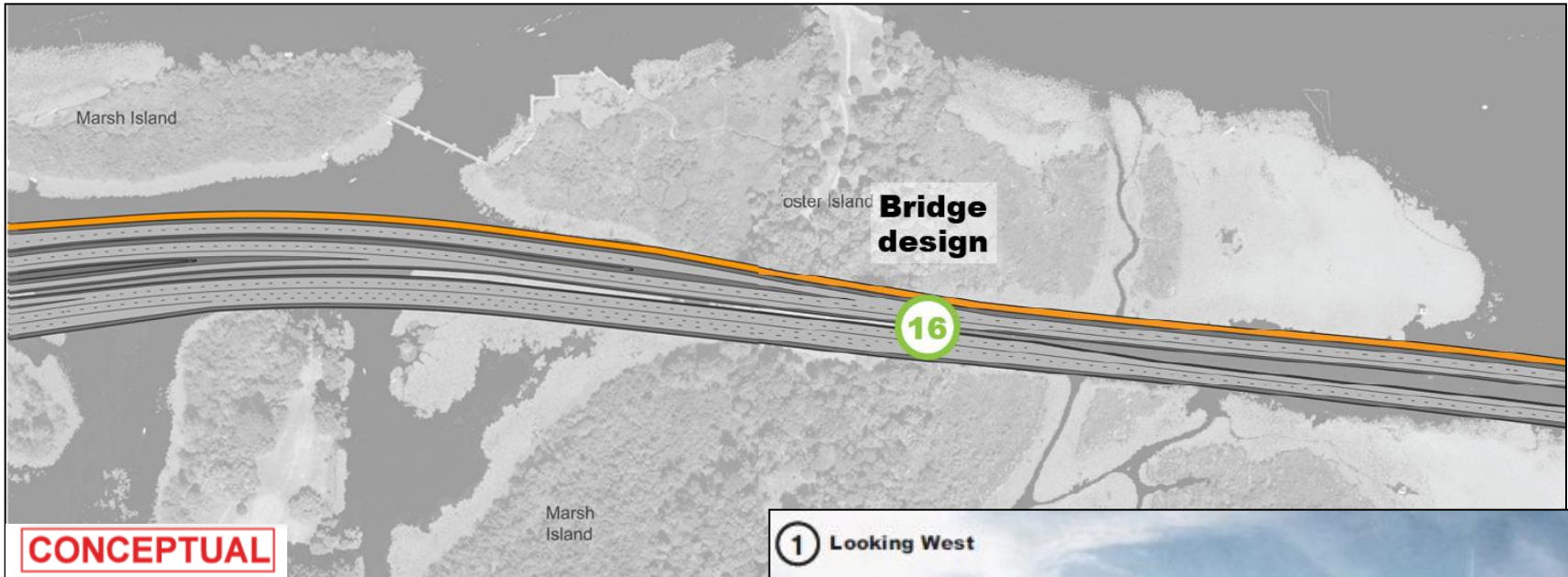
- ✓ Continue study of multimodal connections on Montlake Blvd
- ✓ Lowered westbound off-ramps under 24th Avenue E
- ✓ Provide bicycle and pedestrian access only to East Montlake Park
- ✓ Design Lake Washington Blvd to buffer neighbors from traffic

What we heard: Montlake area continued



- ✓ Continue study of the Montlake lid to improve multimodal connections, usable and active space and north/south bicycle and pedestrian connectivity
- ✓ Construct a natural and integrated wetland facility
 - Overall concern for traffic congestion and the need for traffic calming

What we heard: West Approach area

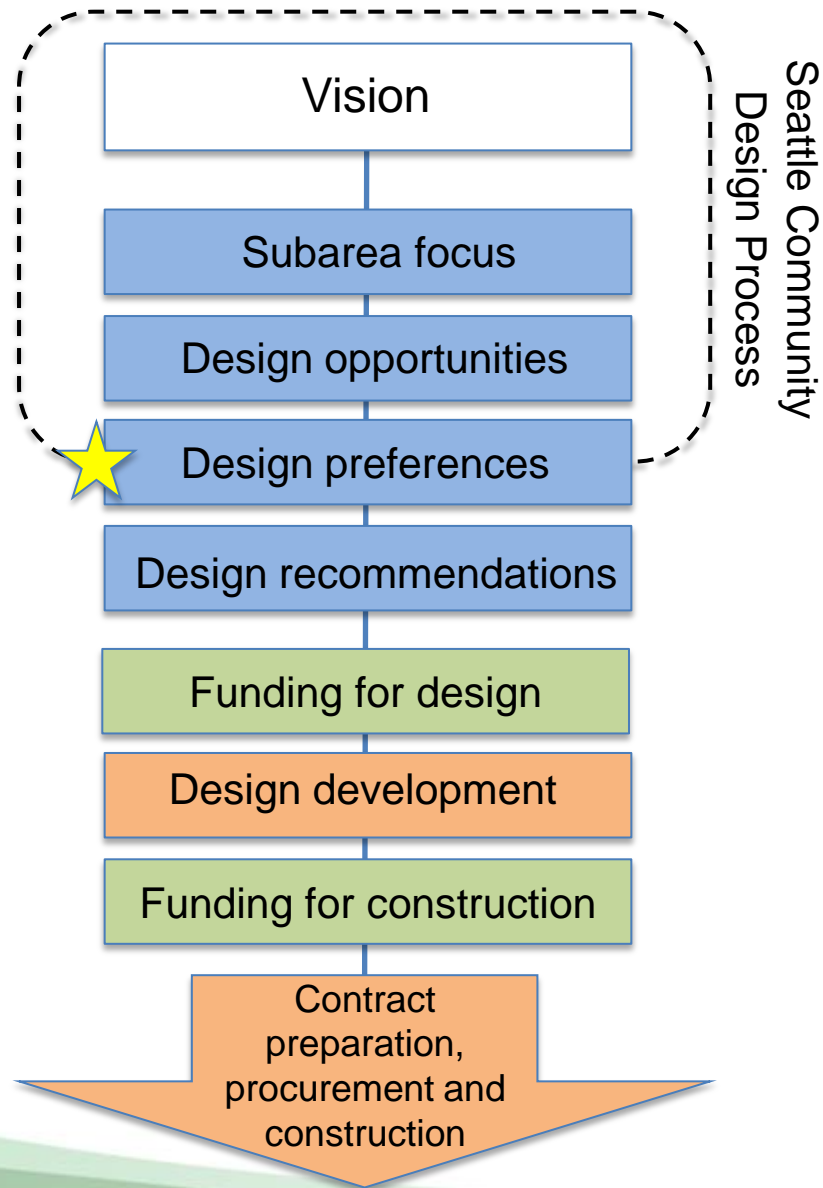


- ✓ Support for simple and clean structure, regional bicycle and pedestrian path



A rendering of a view from the new bicycle/pedestrian path on the West Approach Bridge.

West side design progression



Next steps

- Finalize the Seattle Community Design Process report
- **2013:**
 - I-5 to Medina Project open house
 - Ongoing coordination with the City to implement MOU commitments
 - Advance design work for north half of West Approach Bridge
 - Continue actively seeking funding for unfunded project elements



Thank you

For more information:

- Visit us online: www.wsdot.wa.gov/projects/sr520bridge
- Email us: SR520Bridge@wsdot.wa.gov
- Call us: 206-770-3500
- Info line: 1-888-520-NEWS (6397)