

A New Way Across Lake Washington for Cyclists and Walkers

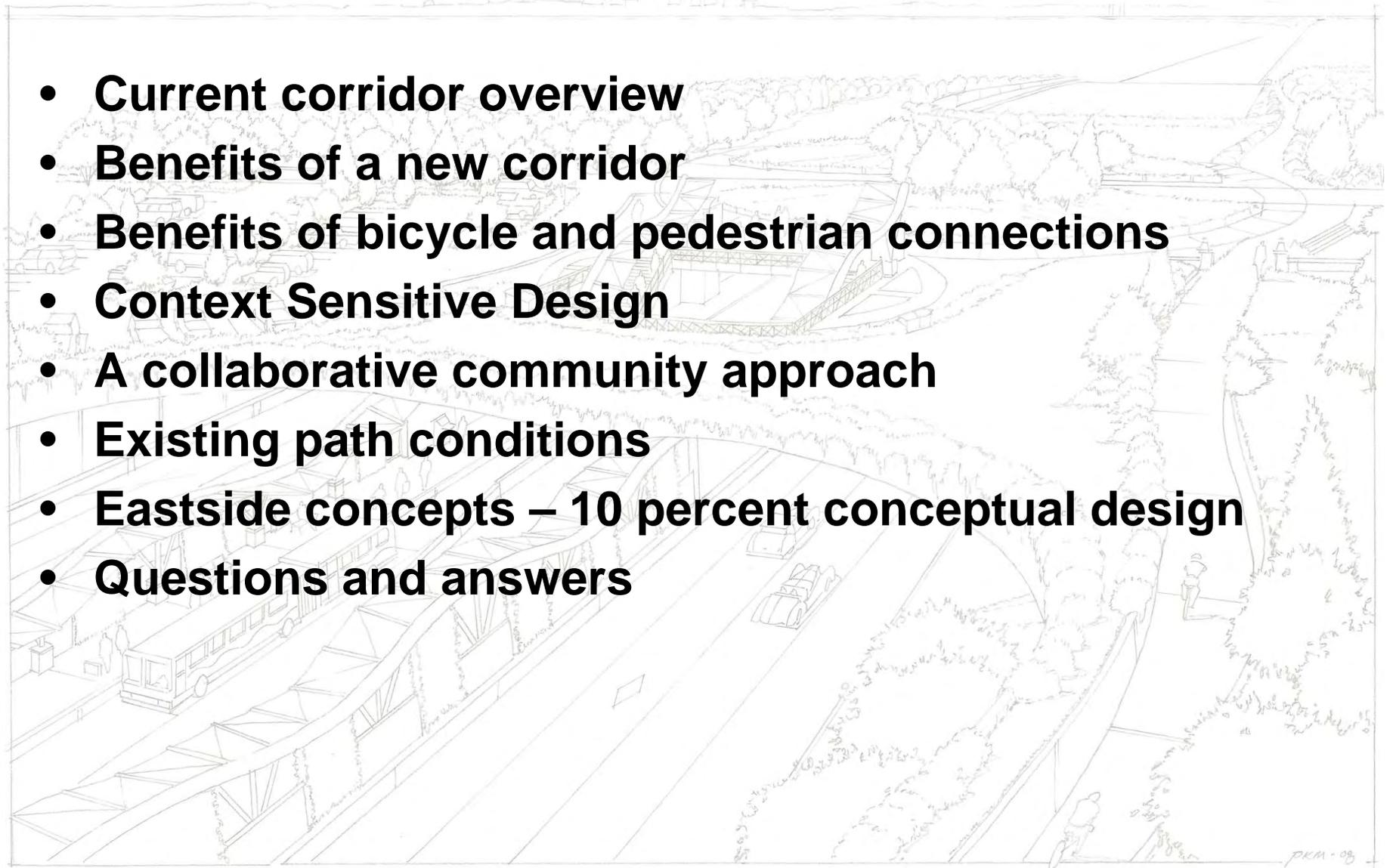
Davidya Kasperzyk, AIA
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SR 520 Corridor Program

Pro Walk Pro Bike Conference
September 4, 2008

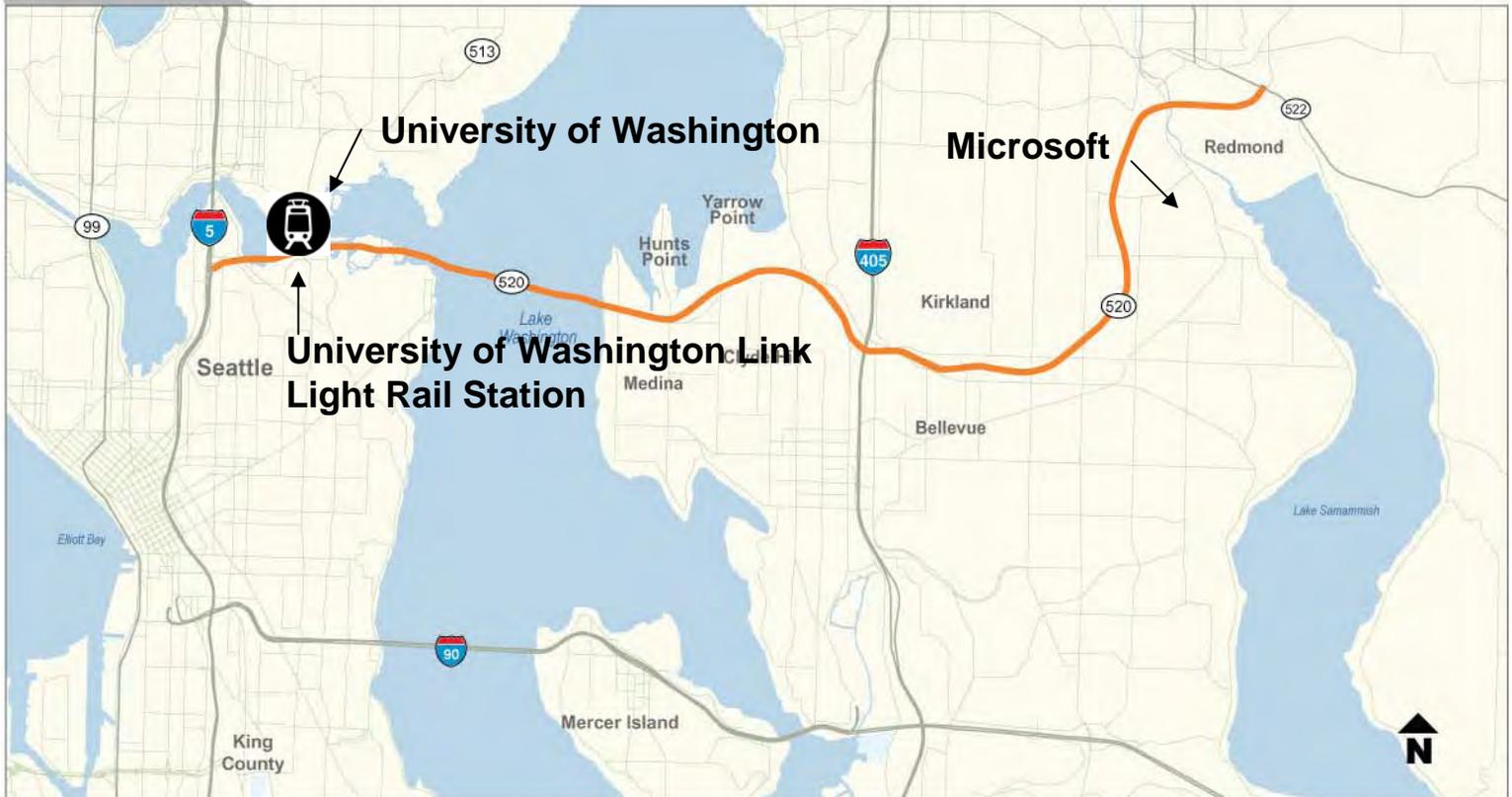
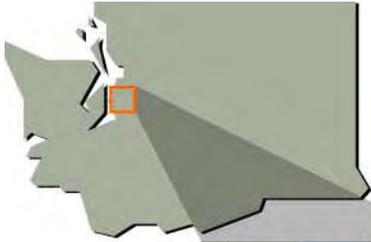


Presentation Outline

- **Current corridor overview**
- **Benefits of a new corridor**
- **Benefits of bicycle and pedestrian connections**
- **Context Sensitive Design**
- **A collaborative community approach**
- **Existing path conditions**
- **Eastside concepts – 10 percent conceptual design**
- **Questions and answers**



SR 520 is a Key Regional Corridor



Overview

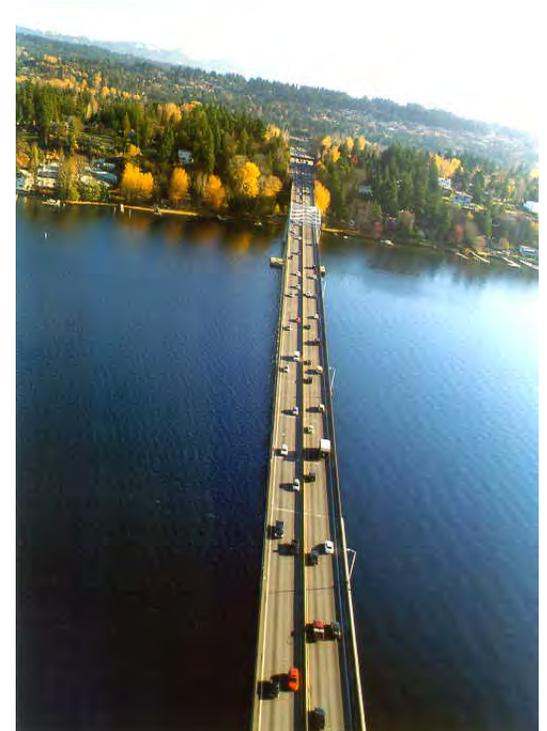




East Corridor



West Approach



Floating Bridge



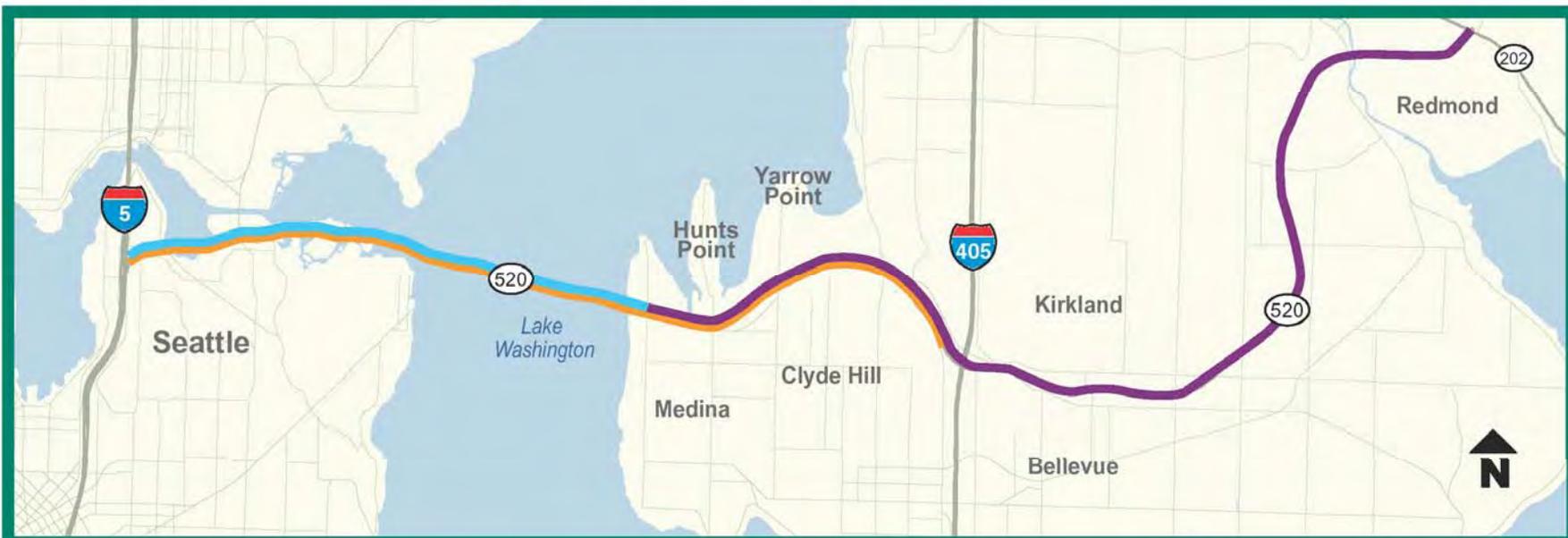


Program Description

The SR 520 Corridor Program will replace the Portage Bay and Evergreen Point bridges and improve existing roadway between I-5 in Seattle and SR 202 on the Eastside.

The SR 520 Corridor Program includes four projects:

-  **Urban Partnership** – congestion management tolling from I-5 to I-405.
-  **Eastside Transit and HOV** – Evergreen Point Road to SR 202.
-  **Pontoon Construction Project** – pontoons for catastrophic failure planning.
-  **Bridge Replacement and HOV Project** – I-5 to just east of Evergreen Point Road.



Program area map.

The East Side of the Corridor





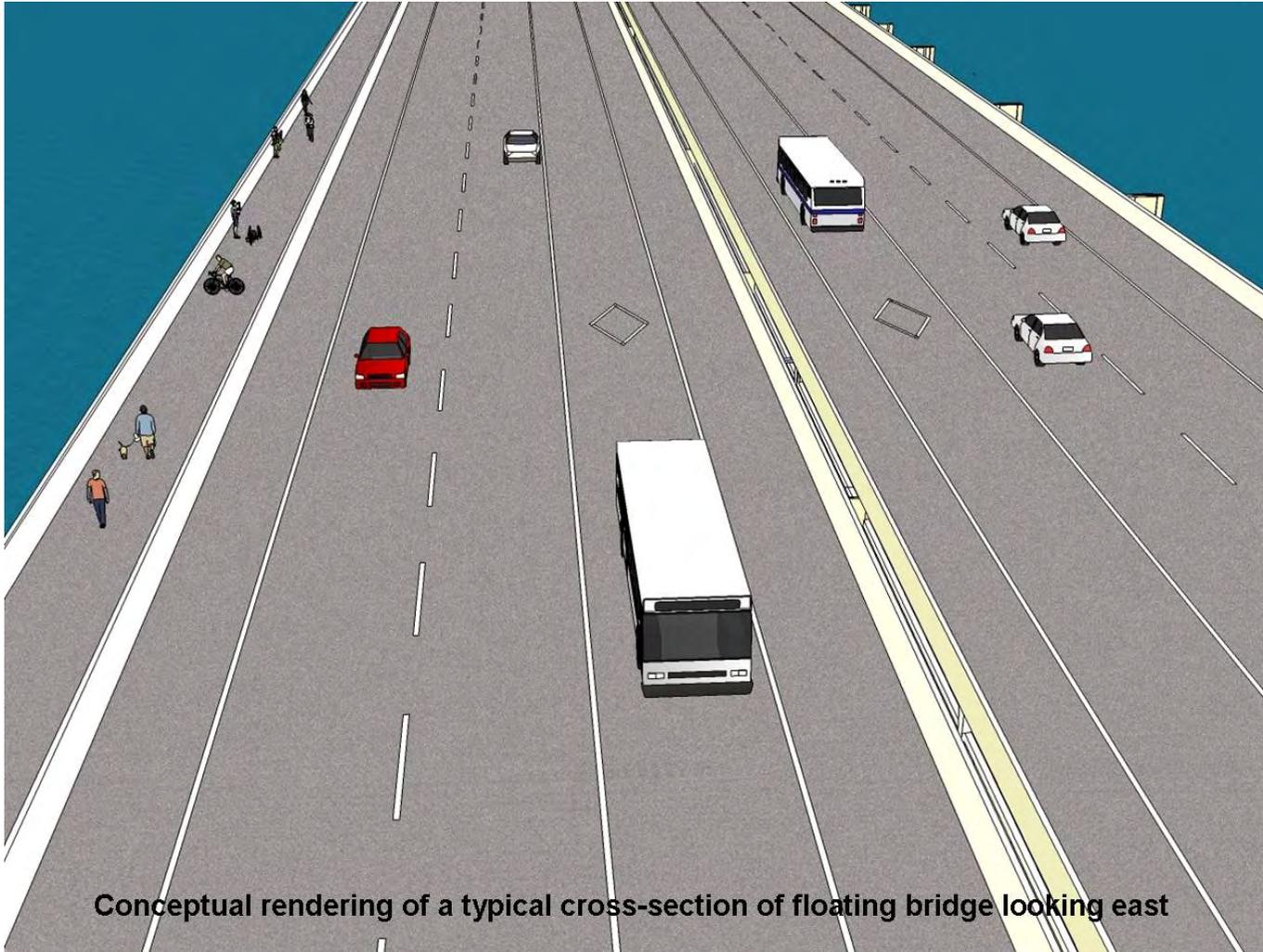
Eastside Transit and HOV Improvements



Crossing Lake Washington Today



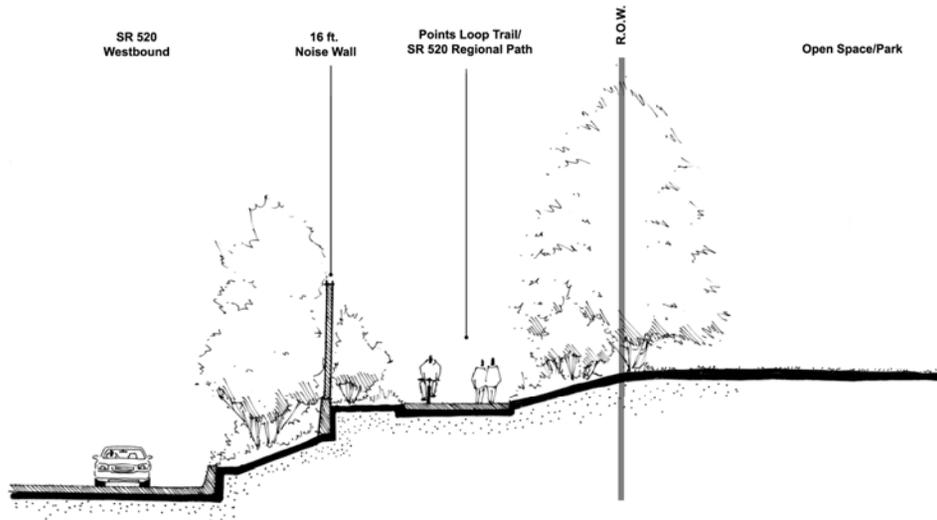
The 4+2 Configuration



Conceptual rendering of a typical cross-section of floating bridge looking east

**Typical
cross-section
of new
highway.**

Corridor Pathways



Context Sensitive Design

- Multi-disciplinary design team.
 - All disciplines (Civil, Structural, Geo-tech, Planning, Urban Design, Architecture, Landscape Architecture, Environmental).
 - Work initiated by engineers, reviewed by structural experts, planners, landscape architects and back to the engineers.
- Interdisciplinary design team.
 - All disciplines represented.
 - Simultaneous planning and design.
 - Coordinated decision-making.



A Collaborative Community Approach

Thank You to Our Partners

Co-Lead Agencies

Federal Highway Administration
Sound Transit

Towns and Cities

Bellevue
Bothell
Clyde Hill
Hunts Point
Kenmore
Kirkland
Lake Forest Park
Medina
Mercer Island
Redmond
Seattle
Shoreline
Yarrow Point

County and Regional Organizations

King County
Pacific Northwest Economic Region
Port of Seattle
Puget Sound Regional Council
Puget Sound Clean Air Agency

State Agencies and Departments

Community, Trade and Economic Development
Archaeology and Historic Preservation
Emergency Management
Recreation and Conservation Office
University of Washington
Washington State Department of Ecology
Washington State Department of Natural Resources
Washington State Legislature
Washington State Patrol
Washington State Transportation Commission
Washington State Department of Fish and Wildlife

Transit Agencies

Community Transit
King County Metro
Sound Transit

Federal Agencies

Environmental Protection Agency
Federal Highway Administration
Federal Transit Administration
NOAA Fisheries
National Parks Service
United States Army Corps of Engineers
United States Coast Guard
United States Fish and Wildlife Service

Tribal Nations

Duwamish Tribe
Muckleshoot Indian Tribe
Snoqualmie Indian Tribe
Suquamish Tribe
Tulalip Tribes
Yakama Indian Tribe

Community Organizations

Bellevue Chamber of Commerce
Cascade Bicycle Club
Eastlake Community Council
Freight Advisory Committee
Friends of Seattle Olmsted Parks
Kirkland Chamber of Commerce
Laurelhurst Community Council
Madison Park Community Council
Montlake Community Council
North Capitol Hill Community Council
Ravenna Bryant Community Council
Redmond Chamber of Commerce
Roanoke Park/Portage Bay Community Council
Seattle Chamber of Commerce
The Arboretum and Botanical Garden Committee
The Arboretum Foundation
Transportation Choices Coalition
University District Community Council
Wetherill Nature Preserve

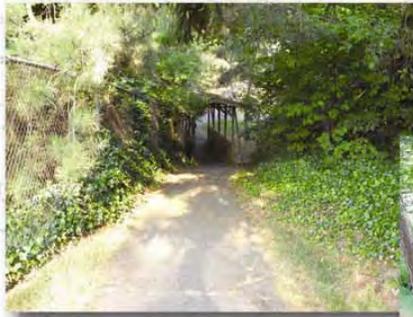


Thank you to all the citizens who have contacted us with your questions and comments.

Eastside Corridor Concept Plan



Existing Bike Path Condition



Potential Connections



84th Avenue NE Lid Concept



New Open Space

**Regional Path
and Local Trail**

**Modified
Interchange
Design**



92nd Avenue NE Lid Concept

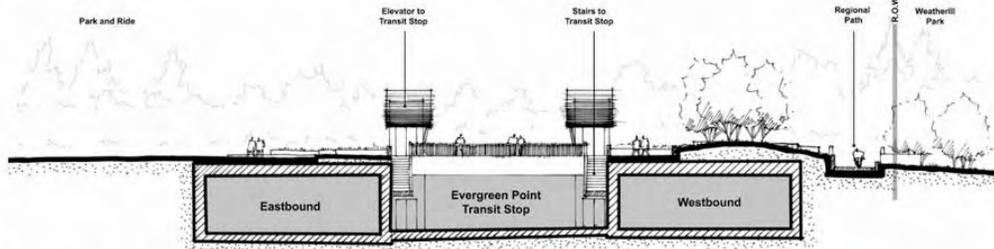


**Regional Path
and Local Trail
Connection**

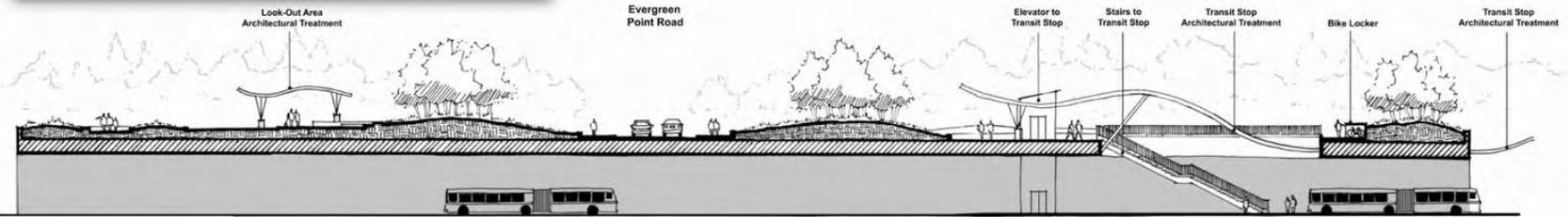
**Kiss-and-Ride
Transit Stop**



Evergreen Point Road Lid



Transverse Section



Longitudinal Section

Evergreen Point Road Lid Concept



Park Space

**Regional Path
and Local Trail Connection**

Transit Stop

Park-and-Ride

View Vista



Questions?

**For more information visit the project website at:
www.wsdot.wa.gov/projects/SR520Bridge**

